A .NET Library aimed at helping you get up to speed quickly with Authorize.NET

AuthorizeNet Namespace

Send Feedback
<table>
<thead>
<tr>
<th>Class</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Address</td>
<td>This is an Address abstraction used for Billing and Shipping</td>
</tr>
<tr>
<td>ApiFields</td>
<td>These are field names and explanations only</td>
</tr>
<tr>
<td>AuthorizationRequest</td>
<td>A request that authorizes a transaction, no capture</td>
</tr>
<tr>
<td>Batch</td>
<td>A class representing a batch-settlement</td>
</tr>
<tr>
<td>CaptureRequest</td>
<td>A request representing a Capture - the final transfer of funds that happens after an auth.</td>
</tr>
<tr>
<td>CardPresentAuthorizationRequest</td>
<td>Capture only function</td>
</tr>
<tr>
<td>CardPresentAuthorizeAndCaptureRequest</td>
<td>A Credit transaction</td>
</tr>
<tr>
<td>CardPresentCaptureOnly</td>
<td>The gateway which runs the credit card transaction</td>
</tr>
<tr>
<td>CardPresentCredit</td>
<td>Captures a prior authorization</td>
</tr>
<tr>
<td>CardPresentGateway</td>
<td>Parses the response from the transaction (a piped string) into a representaional class</td>
</tr>
<tr>
<td>CardPresentPriorAuthCapture</td>
<td>A Cardpresent Void transaction</td>
</tr>
<tr>
<td>CardPresentResponse</td>
<td>A helper class for representing a charge</td>
</tr>
<tr>
<td>CardPresentVoid</td>
<td>Credits, or refunds, the amount back to the user</td>
</tr>
<tr>
<td>Charge</td>
<td></td>
</tr>
<tr>
<td>CreditRequest</td>
<td></td>
</tr>
</tbody>
</table>
**Crypto**

This is an abstraction for use with the CIM API. It's a partial class so you can combine it with your class as needed.

**Customer**

**CustomerGateway**

**EcheckRequest**

**Gateway**

**GatewayRequest**

**GatewayResponse**

**HttpGetXmlUtility**

**LineItem**

**Order**

**PaymentProfile**

**ReportingGateway**

**ResponseBase**

**SIMResponse**

**SubscriptionGateway**

**SubscriptionRequest**

An abstract base class, from which all Request classes must inherit.

This class posts the XML Form to Authorize.NET

Representational class for a transactional line item

This is an abstraction for the AuthNET API so you can specify detailed order information.

An abstraction for the AuthNET API, allowing you store credit card information with Authorize.net

The gateway for requesting Reports from Authorize.Net

This is the abstracted SubscriptionRequest class - it provides a simplified way of dealing with the underlying ARB API. This class uses a Fluent Interface
to build out the request - creating only what you need.
A representational class for a Transaction
A request representing a Void of a previously authorized transaction
<table>
<thead>
<tr>
<th>Interface</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>ICardPresentGateway</td>
<td></td>
</tr>
<tr>
<td>ICustomerGateway</td>
<td></td>
</tr>
<tr>
<td>IGateway</td>
<td></td>
</tr>
<tr>
<td>IGatewayRequest</td>
<td></td>
</tr>
<tr>
<td>IGatewayResponse</td>
<td></td>
</tr>
<tr>
<td>IReportingGateway</td>
<td></td>
</tr>
<tr>
<td>ISubscriptionGateway</td>
<td></td>
</tr>
<tr>
<td>ISubscriptionRequest</td>
<td></td>
</tr>
</tbody>
</table>
# Enumerations

<table>
<thead>
<tr>
<th>Enumeration</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>BankAccountType</td>
<td>The type of BankAccount to be used</td>
</tr>
<tr>
<td>BillingIntervalUnits</td>
<td></td>
</tr>
<tr>
<td>DeviceType</td>
<td>The devise which read in the Credit Card</td>
</tr>
<tr>
<td>EcheckType</td>
<td>The type of eCheck transaction</td>
</tr>
<tr>
<td>RequestAction</td>
<td>The type of API Request being performed</td>
</tr>
<tr>
<td>ServiceMode</td>
<td></td>
</tr>
<tr>
<td>TransactionStatus</td>
<td>The status for the transaction</td>
</tr>
</tbody>
</table>

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Address Class

This is an Address abstraction used for Billing and Shipping

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

C#

public class Address

Visual Basic

Public Class Address

Visual C++

public ref class Address
Inheritance Hierarchy

System..::..Object
AuthorizeNet..::..Address
See Also

Address Members
AuthorizeNet Namespace

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Address Members

The `Address` type exposes the following members.
# Constructors

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Address()</td>
<td>Initializes a new instance of the Address class, resolving the given API Type</td>
</tr>
<tr>
<td>Address(customerAddressExType) Address</td>
<td>Initializes a new instance of the Address class, resolving the given API Type</td>
</tr>
<tr>
<td>Address(customerAddressType) Address</td>
<td>Initializes a new instance of the Address class, resolving the given API Type</td>
</tr>
<tr>
<td>Address(nameAndAddressType) Address</td>
<td>Initializes a new instance of the Address class, resolving the given API Type</td>
</tr>
</tbody>
</table>
### Methods

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Equals</strong></td>
<td>Determines whether the specified <a href="#">Object</a> is equal to the current <a href="#">Object</a>. (Inherited from <a href="#">Object</a>.)</td>
</tr>
<tr>
<td><strong>GetHashCode</strong></td>
<td>Serves as a hash function for a particular type. (Inherited from <a href="#">Object</a>.)</td>
</tr>
<tr>
<td><strong>GetType</strong></td>
<td>Gets the <a href="#">Type</a> of the current instance. (Inherited from <a href="#">Object</a>.)</td>
</tr>
<tr>
<td><strong>ToAPIExType</strong></td>
<td>Creates an API type for use with outbound requests to the Gateway. Mostly for internal use.</td>
</tr>
<tr>
<td><strong>ToAPINameAddressType</strong></td>
<td>Creates an API type for use with outbound requests to the Gateway. Mostly for internal use.</td>
</tr>
<tr>
<td><strong>ToAPIType</strong></td>
<td>Creates an API type for use with outbound requests to the Gateway. Mostly for internal use.</td>
</tr>
<tr>
<td><strong>ToString</strong></td>
<td>Returns a <a href="#">String</a> that represents the current <a href="#">Object</a>. (Inherited from <a href="#">Object</a>.)</td>
</tr>
</tbody>
</table>
# Properties

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>City</td>
<td></td>
</tr>
<tr>
<td>Company</td>
<td></td>
</tr>
<tr>
<td>Country</td>
<td></td>
</tr>
<tr>
<td>Fax</td>
<td></td>
</tr>
<tr>
<td>First</td>
<td></td>
</tr>
<tr>
<td>ID</td>
<td></td>
</tr>
<tr>
<td>Last</td>
<td></td>
</tr>
<tr>
<td>Phone</td>
<td></td>
</tr>
<tr>
<td>State</td>
<td></td>
</tr>
<tr>
<td>Street</td>
<td></td>
</tr>
<tr>
<td>Zip</td>
<td></td>
</tr>
</tbody>
</table>
See Also

Address Class
AuthorizeNet Namespace

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Address Constructor

Address Class  See Also  Send Feedback
<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Address()()()</td>
<td>Initializes a new instance of the <strong>Address</strong> class</td>
</tr>
<tr>
<td>Address(customerAddressExType) Address</td>
<td>Initializes a new instance of the <strong>Address</strong> class, resolving the given API Type</td>
</tr>
<tr>
<td>Address(customerAddressType) Address</td>
<td>Initializes a new instance of the <strong>Address</strong> class, resolving the given API Type</td>
</tr>
<tr>
<td>Address(nameAndAddressType) Address</td>
<td>Initializes a new instance of the <strong>Address</strong> class, resolving the given API Type</td>
</tr>
</tbody>
</table>
See Also

Address Class
Address Members
AuthorizeNet Namespace

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Address Constructor

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

C#

public Address()

Visual Basic

Public Sub New

Visual C++

public:
Address()

Address()
See Also

Address Class
Address Overload
AuthorizeNet Namespace

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Address Constructor()

Initializes a new instance of the Address class, resolving the given API Type

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

C#

public Address(
    customerAddressExType fromType
)

Visual Basic

Public Sub New (_
    fromType As customerAddressExType _
)

Visual C++

public:
Address(
    customerAddressExType^ fromType
)

Parameters

fromType
    Type: customerAddressExType
    From type.
See Also

Address Class
Address Overload
AuthorizeNet Namespace

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Address Constructor ()

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

C#

public Address(
    customerAddressType fromType
)

Visual Basic

Public Sub New ( _
    fromType As customerAddressType _
)

Visual C++

public:
    Address(
        customerAddressType& fromType
    )

Parameters

fromType
    Type: customerAddressType
    From type.
See Also

Address Class
Address Overload
AuthorizeNet Namespace

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Address Constructor()

Initializes a new instance of the Address class, resolving the given API Type

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

C#

public Address(
    nameAndAddressType fromType
)

Visual Basic

Public Sub New ( _
    fromType As nameAndAddressType _
)

Visual C++

public:
    Address(
        nameAndAddressType^ fromType
    )

Parameters

fromType
    Type: nameAndAddressType
    From type.
See Also

Address Class
Address Overload
AuthorizeNet Namespace

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Address Methods

The **Address** type exposes the following members.
## Methods

<table>
<thead>
<tr>
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<td>GetType</td>
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<tr>
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</tr>
<tr>
<td>ToString</td>
<td>Returns a <code>String</code> that represents the current <code>Object</code>. (Inherited from <code>Object</code>.)</td>
</tr>
</tbody>
</table>
See Also

Address Class
AuthorizeNet Namespace

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ToAPIExType Method

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0

Creates an API type for use with outbound requests to the Gateway. Mostly for internal use.
Syntax

C#

public customerAddressExType ToAPIExType()

Visual Basic

Public Function ToAPIExType As customerAddressExType

Visual C++

public:

customerAddressExType^ ToAPIExType()

Return Value
See Also

Address Class
AuthorizeNet Namespace

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Address..::.ToAPINameAddressType Method

Creates an API type for use with outbound requests to the Gateway. Mostly for internal use.

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

C#

public nameAndAddressType ToAPINameAddressType()

Visual Basic

Public Function ToAPINameAddressType As nameAndAddressType

Visual C++

public:
nameAndAddressType^ ToAPINameAddressType()

Return Value
See Also

Address Class
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Address..::..ToAPIType Method

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0

Creates an API type for use with outbound requests to the Gateway. Mostly for internal use.
Syntax

C#

public customerAddressType ToAPIType()

Visual Basic

Public Function ToAPIType As customerAddressType

Visual C++

public:
customerAddressType^ ToAPIType()

Return Value
See Also

Address Class
AuthorizeNet Namespace

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Address Properties

The Address type exposes the following members.
## Properties

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>City</td>
<td></td>
</tr>
<tr>
<td>Company</td>
<td></td>
</tr>
<tr>
<td>Country</td>
<td></td>
</tr>
<tr>
<td>Fax</td>
<td></td>
</tr>
<tr>
<td>First</td>
<td></td>
</tr>
<tr>
<td>ID</td>
<td></td>
</tr>
<tr>
<td>Last</td>
<td></td>
</tr>
<tr>
<td>Phone</td>
<td></td>
</tr>
<tr>
<td>State</td>
<td></td>
</tr>
<tr>
<td>Street</td>
<td></td>
</tr>
<tr>
<td>Zip</td>
<td></td>
</tr>
</tbody>
</table>
See Also

Address Class
AuthorizeNet Namespace

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C#  Visual Basic  Visual C++

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Address...:..City Property

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

C#

public string City { get; set; }

Visual Basic

Public Property City As String
Get
Set

Visual C++

public:
property String^ City {
    String^ get ();
    void set (String^ value);
}
See Also

Address Class
AuthorizeNet Namespace

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C#  Visual Basic  Visual C++

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Address:::Company Property

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

C#

```csharp
public string Company { get; set; }
```

Visual Basic

```vbasic
Public Property Company As String
    Get
    Set
```

Visual C++

```cpp
public: 
    property String^ Company { 
        String^ get () ;
        void set (String^ value );
    }
```
See Also

Address Class
AuthorizeNet Namespace

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Address:::Country Property

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
**Syntax**

**C#**

public string Country { get; set; }

**Visual Basic**

Public Property Country As String
    Get
    Set

**Visual C++**

public:
    property String^ Country {
        String^ get ();
        void set (String^ value);
    }
See Also

Address Class
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Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

C#

public string Fax { get; set; }

Visual Basic

Public Property Fax As String
    Get
    Set

Visual C++

public:
    property String^ Fax {
        String^ get ();
        void set (String^ value);
    }
See Also

Address Class
AuthorizeNet Namespace

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**Namespace:** AuthorizeNet

**Assembly:** AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

C#

public string First { get; set; }

Visual Basic

Public Property First As String
Get
Set

Visual C++

public:
property String^ First {
    String^ get ()
    void set (String^ value);
}
See Also

Address Class
AuthorizeNet Namespace

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Address:::..ID Property

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

C#

public string ID { get; set; }

Visual Basic

Public Property ID As String
    Get
    Set

Visual C++

public:
    property String^ ID {
        String^ get ();
        void set (String^ value);
    }
See Also

Address Class
AuthorizeNet Namespace

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Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

C#

public string Last { get; set; }

Visual Basic

Public Property Last As String
Get
Set

Visual C++

public:
property String^ Last {
    String^ get ();
    void set (String^ value);
}
See Also

Address Class
Authorize.Net Namespace

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Phone Property

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

C#

public string Phone { get; set; }

Visual Basic

Public Property Phone As String
    Get
    Set

Visual C++

public:
property String^ Phone {
    String^ get ()
    void set (String^ value);
}
See Also

Address Class
AuthorizeNet Namespace

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Address:::State Property

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
**Syntax**

**C#**

```csharp
public string State { get; set; }
```

**Visual Basic**

```vbnet
Public Property State As String
    Get
        Set
    End Property
```

**Visual C++**

```c++
public:
    property String^ State {
        String^ get ();
        void set (String^ value);
    }
```
See Also

Address Class
AuthorizeNet Namespace

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Address......Street Property

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

C#

```
public string Street { get; set; }
```

Visual Basic

```
Public Property Street As String
    Get
    Set
```

Visual C++

```
public:
    property String^ Street {
        String^ get () ;
        void set (String^ value);
    }
```
See Also

Address Class
AuthorizeNet Namespace

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Address:::Zip Property

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
**Syntax**

**C#**

```csharp
public string Zip { get; set; }
```

**Visual Basic**

```vbnet
Public Property Zip As String
    Get
    Set
```

**Visual C++**

```cpp
public:
    property String^ Zip {
        String^ get ();
        void set (String^ value);
    }
```
See Also

Address Class
AuthorizeNet Namespace

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ApiFields Class

These are field names and explanations only

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

C#
public class ApiFields

Visual Basic
Public Class ApiFields

Visual C++
public ref class ApiFields
Inheritance Hierarchy

System..::..Object
AuthorizeNet..::..ApiFields
See Also

ApiFields Members
AuthorizeNet Namespace

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ApiFields Members

The `ApiFields` type exposes the following members.
## Constructors

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>ApiFields</td>
<td>Initializes a new instance of the ApiFields class</td>
</tr>
<tr>
<td>Name</td>
<td>Description</td>
</tr>
<tr>
<td>---------------------</td>
<td>------------------------------------------------------------------------------</td>
</tr>
<tr>
<td>ApiContainsKey</td>
<td>Determines whether the specified <a href="#">Object</a> is equal to the current <a href="#">Object</a>.</td>
</tr>
<tr>
<td>Equals</td>
<td>(Inherited from <a href="#">Object</a>.)</td>
</tr>
<tr>
<td>GetHashCode</td>
<td>Serves as a hash function for a particular type.</td>
</tr>
<tr>
<td>GetType</td>
<td>(Inherited from <a href="#">Object</a>.)</td>
</tr>
<tr>
<td>ToString</td>
<td>Gets the <a href="#">Type</a> of the current instance.</td>
</tr>
<tr>
<td></td>
<td>(Inherited from <a href="#">Object</a>.)</td>
</tr>
<tr>
<td></td>
<td>Returns a <a href="#">String</a> that represents the current <a href="#">Object</a>.</td>
</tr>
<tr>
<td></td>
<td>(Inherited from <a href="#">Object</a>.)</td>
</tr>
<tr>
<td>Name</td>
<td>Description</td>
</tr>
<tr>
<td>---------------------------</td>
<td>-----------------------------------------------------------------------------</td>
</tr>
<tr>
<td>Address</td>
<td></td>
</tr>
<tr>
<td>AllowPartialAuth</td>
<td>True, False</td>
</tr>
<tr>
<td>Amount</td>
<td>The amount of the transaction</td>
</tr>
<tr>
<td>ApiLogin</td>
<td>The merchant's unique API Login ID</td>
</tr>
<tr>
<td>ApiVersion</td>
<td>Required - The merchant's transaction version</td>
</tr>
<tr>
<td>AuthenticationIndicator</td>
<td></td>
</tr>
<tr>
<td>AuthorizationCode</td>
<td>The authorization code of an original transaction not authorized on the payment gateway</td>
</tr>
<tr>
<td>BankABACode</td>
<td></td>
</tr>
<tr>
<td>BankAcctName</td>
<td></td>
</tr>
<tr>
<td>BankAcctNum</td>
<td></td>
</tr>
<tr>
<td>BankAcctType</td>
<td></td>
</tr>
<tr>
<td>BankCheckNumber</td>
<td></td>
</tr>
<tr>
<td>BankName</td>
<td></td>
</tr>
<tr>
<td>CardholderAuthenticationValue</td>
<td></td>
</tr>
<tr>
<td>City</td>
<td></td>
</tr>
<tr>
<td>Company</td>
<td></td>
</tr>
<tr>
<td>Country</td>
<td></td>
</tr>
<tr>
<td>CreditCardCode</td>
<td>The three- or four-digit number on the back of a credit card (on the front for American Express).</td>
</tr>
<tr>
<td>CreditCardExpiration</td>
<td>The expiration date - MMYY, MM/YY, MM-YY, MMYYYY, MM/YYYY, MM-YYYY</td>
</tr>
<tr>
<td>CreditCardNumber</td>
<td>The credit card number - between 13 and 16 digits without spaces. When x_type=CREDIT, only the last four digits are required</td>
</tr>
<tr>
<td>Field</td>
<td>Description</td>
</tr>
<tr>
<td>------------------------</td>
<td>------------------------------------------------------------------------------</td>
</tr>
<tr>
<td>CustomerID</td>
<td>The ID of the Customer as relates to your application</td>
</tr>
<tr>
<td>CustomerIPAddress</td>
<td>If the return from AuthorizeNet is delimited - this is the character to use.</td>
</tr>
<tr>
<td>DelimitCharacter</td>
<td>Default is pipe</td>
</tr>
<tr>
<td>DelimitData</td>
<td>Whether to return the data in delimited fashion</td>
</tr>
<tr>
<td>Description</td>
<td>The transaction description</td>
</tr>
<tr>
<td>DuplicateWindowTime</td>
<td>The window of time after the submission of a transaction that a duplicate transaction can not be submitted</td>
</tr>
<tr>
<td>Duty</td>
<td></td>
</tr>
<tr>
<td>EcheckType</td>
<td></td>
</tr>
<tr>
<td>Email</td>
<td></td>
</tr>
<tr>
<td>EncapChar</td>
<td></td>
</tr>
<tr>
<td>Fax</td>
<td></td>
</tr>
<tr>
<td>FirstName</td>
<td></td>
</tr>
<tr>
<td>FooterEmailReceipt</td>
<td></td>
</tr>
<tr>
<td>Freight</td>
<td></td>
</tr>
<tr>
<td>HeaderEmailReceipt</td>
<td></td>
</tr>
<tr>
<td>InvoiceNumber</td>
<td>The merchant assigned invoice number for the transaction</td>
</tr>
<tr>
<td>IsTestRequest</td>
<td>The request to process test transactions</td>
</tr>
<tr>
<td>LastName</td>
<td></td>
</tr>
<tr>
<td>LineItem</td>
<td></td>
</tr>
<tr>
<td>Method</td>
<td>CC or ECHECK</td>
</tr>
<tr>
<td>Phone</td>
<td></td>
</tr>
<tr>
<td>PONumber</td>
<td></td>
</tr>
<tr>
<td>RecurringBilling</td>
<td>The recurring billing status</td>
</tr>
<tr>
<td>RelayResponse</td>
<td>The relay response - leave this set as TRUE</td>
</tr>
<tr>
<td>ShipAddress</td>
<td></td>
</tr>
</tbody>
</table>
The payment gateway-assigned ID assigned when the original transaction includes two or more partial payments. This is the identifier that is used to group transactions that are part of a split tender order.

The payment gateway assigned transaction ID of an original transaction - Required only for CREDIT, PRIOR.AUTH_CAPTURE, and VOID transactions.

The merchant's unique Transaction Key.

The type of transaction:
AUTH_CAPTURE (default), AUTH_ONLY, CAPTURE_ONLY,
<table>
<thead>
<tr>
<th></th>
<th>Type</th>
<th>Version</th>
<th>Zip</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>CREDIT, PRIOR_AUTH_CAPTURE, VOID</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Name</td>
<td>Description</td>
<td></td>
<td></td>
</tr>
<tr>
<td>--------</td>
<td>-------------</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ApiKeys</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
See Also

ApiFields Class
AuthorizeNet Namespace

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A .NET Library aimed at helping you get up to speed quickly with Authorize.NET

ApiFields Constructor

Initialize a new instance of the `ApiFields` class

**Namespace:** AuthorizeNet

**Assembly:** AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
**Syntax**

**C#**

```csharp
public ApiFields()
```

**Visual Basic**

```vbnet
Public Sub New
```

**Visual C++**

```cpp
public:
ApiFields()
```
See Also

ApiFields Class
AuthorizeNet Namespace

Copyright 2010, Authorize.NET
The `Authorize.NET` library is aimed at helping you get up to speed quickly with Authorize.NET.

The `ApiFields` type exposes the following members.
<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Address</td>
<td>True, False</td>
</tr>
<tr>
<td>AllowPartialAuth</td>
<td>The amount of the transaction</td>
</tr>
<tr>
<td>Amount</td>
<td>The merchant's unique API Login ID</td>
</tr>
<tr>
<td>ApiLogin</td>
<td>Required - The merchant's transaction version</td>
</tr>
<tr>
<td>ApiVersion</td>
<td></td>
</tr>
<tr>
<td>AuthenticationIndicator</td>
<td>The authorization code of an original transaction not authorized on the payment gateway</td>
</tr>
<tr>
<td>AuthorizationCode</td>
<td></td>
</tr>
<tr>
<td>BankABACode</td>
<td></td>
</tr>
<tr>
<td>BankAcctName</td>
<td></td>
</tr>
<tr>
<td>BankAcctNum</td>
<td></td>
</tr>
<tr>
<td>BankAcctType</td>
<td></td>
</tr>
<tr>
<td>BankCheckNumber</td>
<td></td>
</tr>
<tr>
<td>BankName</td>
<td></td>
</tr>
<tr>
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<tr>
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<td></td>
</tr>
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</tr>
<tr>
<td>EncapChar</td>
<td></td>
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</tr>
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<td>Freight</td>
<td></td>
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<tr>
<td>Phone</td>
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</tr>
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<th>Type</th>
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<th>Zip</th>
</tr>
</thead>
</table>

CREDIT, PRIOR_AUTH_CAPTURE, VOID
See Also

ApiFields Class
AuthorizeNet Namespace

Copyright 2010, Authorize.NET
A .NET Library aimed at helping you get up to speed quickly with Authorize.NET

ApiFields...:::Address Field

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

C#

public const string Address

Visual Basic

Public Const Address As String

Visual C++

public:
    literal String^ Address
See Also

ApiFields Class
AuthorizeNet Namespace

Copyright 2010, Authorize.NET
A .NET Library aimed at helping you get up to speed quickly with Authorize.NET

ApiFields::AllowPartialAuth Field

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

C#
public const string AllowPartialAuth

Visual Basic
Public Const AllowPartialAuth As String

Visual C++
public:
literal String^ AllowPartialAuth
See Also

ApiFields Class
AuthorizeNet Namespace

Copyright 2010, Authorize.NET
A .NET Library aimed at helping you get up to speed quickly with Authorize.NET

ApiFields.

```
Amount Field
```

The amount of the transaction

**Namespace:** AuthorizeNet

**Assembly:** AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

C#

public const string Amount

Visual Basic

Public Const Amount As String

Visual C++

public:
    literal String^ Amount
See Also

ApiFields Class
AuthorizeNet Namespace

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ApiFields...ApiLogin Field

The merchant's unique API Login ID

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

C#

public const string ApiLogin

Visual Basic

Public Const ApiLogin As String

Visual C++

public:
    literal String^ ApiLogin
See Also

ApiFields Class
AuthorizeNet Namespace

Copyright 2010, Authorize.NET
A .NET Library aimed at helping you get up to speed quickly with Authorize.NET

ApiFields...ApiVersion Field

Required - The merchant's transaction version

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

C#

public const string ApiVersion

Visual Basic

Public Const ApiVersion As String

Visual C++

public:
literal String^ ApiVersion
See Also

ApiFields Class
AuthorizeNet Namespace

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A .NET Library aimed at helping you get up to speed quickly with Authorize.NET

ApiFields:::AuthenticationIndicator Field

**Namespace:** AuthorizeNet

**Assembly:** AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

C#

public const string AuthenticationIndicator

Visual Basic

Public Const AuthenticationIndicator As String

Visual C++

public:
literal String^ AuthenticationIndicator
See Also

ApiFields Class
AuthorizeNet Namespace

Copyright 2010, Authorize.NET
A .NET Library aimed at helping you get up to speed quickly with Authorize.NET

ApiFields...: AuthorizationCode Field

**Namespace:** AuthorizeNet

**Assembly:** AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

**C#**

public const string AuthorizationCode

**Visual Basic**

Public Const AuthorizationCode As String

**Visual C++**

public:
   literal String^ AuthorizationCode
See Also

ApiFields Class
AuthorizeNet Namespace

Copyright 2010, Authorize.NET
A .NET Library aimed at helping you get up to speed quickly with Authorize.NET

ApiFields:BACode Field

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

C#

public const string BankABACode

Visual Basic

Public Const BankABACode As String

Visual C++

public:
literal String^ BankABACode
See Also

ApiFields Class
AuthorizeNet Namespace

Copyright 2010, Authorize.NET
C#  Visual Basic  Visual C++

A .NET Library aimed at helping you get up to speed quickly with Authorize.NET

ApiFields...:...BankAcctName Field

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

**C#**

```csharp
public const string BankAcctName
```

**Visual Basic**

```vbnet
Public Const BankAcctName As String
```

**Visual C++**

```cpp
public:
    literal String BankAcctName
```
See Also

ApiFields Class
AuthorizeNet Namespace

Copyright 2010, Authorize.NET
A .NET Library aimed at helping you get up to speed quickly with Authorize.NET

ApiFields:::BankAcctNum Field

ApiFields Class See Also Send Feedback

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

C#

public const string BankAcctNum

Visual Basic

Public Const BankAcctNum As String

Visual C++

public:
literal String^ BankAcctNum
See Also

ApiFields Class
AuthorizeNet Namespace

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A .NET Library aimed at helping you get up to speed quickly with Authorize.NET

ApiFields:::BankAcctType Field

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
**Syntax**

**C#**

```csharp
public const string BankAcctType
```

**Visual Basic**

```vbnet
Public Const BankAcctType As String
```

**Visual C++**

```cpp
public:
literal String^ BankAcctType
```
See Also

ApiFields Class
AuthorizeNet Namespace

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A .NET Library aimed at helping you get up to speed quickly with Authorize.NET

ApiFields.BankCheckNumber Field

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

**C#**

```csharp
public const string BankCheckNumber
```

**Visual Basic**

```vbnet
Public Const BankCheckNumber As String
```

**Visual C++**

```cpp
public:
    literal String^ BankCheckNumber
```
See Also

ApiFields Class
AuthorizeNet Namespace

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A .NET Library aimed at helping you get up to speed quickly with Authorize.NET

ApiFields:::BankName Field

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

C#

public const string BankName

Visual Basic

Public Const BankName As String

Visual C++

public:
literal String^ BankName
See Also

ApiFields Class
AuthorizeNet Namespace

Copyright 2010, Authorize.NET
A .NET Library aimed at helping you get up to speed quickly with Authorize.NET

ApiFields:: CardholderAuthenticationValue Field

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
**Syntax**

**C#**

public const string CardholderAuthenticationValue

**Visual Basic**

Public Const CardholderAuthenticationValue As String

**Visual C++**

public:
    literal String^ CardholderAuthenticationValue
See Also

ApiFields Class
AuthorizeNet Namespace

Copyright 2010, Authorize.NET
A .NET Library aimed at helping you get up to speed quickly with Authorize.NET
ApiFields...: City Field

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
## Syntax

**C#**

```csharp
public const string City
```

**Visual Basic**

```vbnet
Public Const City As String
```

**Visual C++**

```c++
public:
    literal String^ City
```
See Also

ApiFields Class
AuthorizeNet Namespace

Copyright 2010, Authorize.NET
A .NET Library aimed at helping you get up to speed quickly with Authorize.NET ApiFields... Company Field

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

**C#**

```csharp
public const string Company
```

**Visual Basic**

```vbnet
Public Const Company As String
```

**Visual C++**

```cpp
public:
literal String^ Company
```
See Also

ApiFields Class
AuthorizeNet Namespace

Copyright 2010, Authorize.NET
A .NET Library aimed at helping you get up to speed quickly with Authorize.NET

ApiFields...:::Country Field

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

C#

public const string Country

Visual Basic

Public Const Country As String

Visual C++

public:
literal String^ Country
See Also

ApiFields Class
AuthorizeNet Namespace

Copyright 2010, Authorize.NET
A .NET Library aimed at helping you get up to speed quickly with Authorize.NET

ApiFields::CreditCardCode Field

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0

The three- or four-digit number on the back of a credit card (on the front for American Express).
**Syntax**

**C#**

```csharp
public const string CreditCardCode
```

**Visual Basic**

```vbnet
Public Const CreditCardCode As String
```

**Visual C++**

```c++
public:
literal String^ CreditCardCode
```
See Also

ApiFields Class
AuthorizeNet Namespace

Copyright 2010, Authorize.NET
A .NET Library aimed at helping you get up to speed quickly with Authorize.NET

CreditCardExpiration Field

See Also

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

C#

public const string CreditCardExpiration

Visual Basic

Public Const CreditCardExpiration As String

Visual C++

public:
literal String^ CreditCardExpiration
See Also

ApiFields Class
AuthorizeNet Namespace

Copyright 2010, Authorize.NET
A .NET Library aimed at helping you get up to speed quickly with Authorize.NET ApiFields...CreditCardNumber Field

The credit card number - between 13 and 16 digits without spaces. When x_type=CREDIT, only the last four digits are required

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

C#

public const string CreditCardNumber

Visual Basic

Public Const CreditCardNumber As String

Visual C++

public:
    literal String^ CreditCardNumber
See Also

ApiFields Class
AuthorizeNet Namespace

Copyright 2010, Authorize.NET
C#   Visual Basic
☐ Visual C++
A .NET Library aimed at helping you get up to speed quickly with Authorize.NET
ApiFields...: CustomerID Field
(ApiFields Class See Also Send Feedback

The ID of the Customer as relates to your application

Namespace:  AuthorizeNet
Assembly:  AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

C#

public const string CustomerID

Visual Basic

Public Const CustomerID As String

Visual C++

public:
literal String^ CustomerID
See Also

ApiFields Class
AuthorizeNet Namespace

Copyright 2010, Authorize.NET
A .NET Library aimed at helping you get up to speed quickly with Authorize.NET ApiFields...

CustomerIPAddress Field

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

C#
public const string CustomerIPAddress

Visual Basic
Public Const CustomerIPAddress As String

Visual C++
public:
literal String^ CustomerIPAddress
See Also

ApiFields Class
AuthorizeNet Namespace

Copyright 2010, Authorize.NET
A .NET Library aimed at helping you get up to speed quickly with Authorize.NET

ApiFields...: DelimitCharacter Field

ApiFields Class See Also Send Feedback

If the return from AuthorizeNet is delimited - this is the character to use. Default is pipe

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

C#

public const string DelimitCharacter

Visual Basic

Public Const DelimitCharacter As String

Visual C++

public:
literal String^ DelimitCharacter
See Also

ApiFields Class
AuthorizeNet Namespace

Copyright 2010, Authorize.NET
A .NET Library aimed at helping you get up to speed quickly with Authorize.NET

ApiFields..::..DelimitData Field

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

C#

public const string DelimitData

Visual Basic

Public Const DelimitData As String

Visual C++

public:
literal String^ DelimitData
See Also

ApiFields Class
AuthorizeNet Namespace

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ApiFields...Description Field

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

C#

public const string Description

Visual Basic

Public Const Description As String

Visual C++

public:
literal String^ Description
See Also

ApiFields Class
AuthorizeNet Namespace

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A .NET Library aimed at helping you get up to speed quickly with Authorize.NET

ApiFields:::DuplicateWindowTime Field

The window of time after the submission of a transaction that a duplicate transaction can not be submitted

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

C#

public const string DuplicateWindowTime

Visual Basic

Public Const DuplicateWindowTime As String

Visual C++

public:
literal String^ DuplicateWindowTime
See Also

ApiFields Class
AuthorizeNet Namespace

Copyright 2010, Authorize.NET
C#  Visual Basic  Visual C++  
A .NET Library aimed at helping you get up to speed quickly with Authorize.NET  
ApiFields...Duty Field  
ApiFields Class See Also Send Feedback  

Namespace: AuthorizeNet  
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

C#

public const string Duty

Visual Basic

Public Const Duty As String

Visual C++

public:
    literal String^ Duty
See Also

ApiFields Class
AuthorizeNet Namespace

Copyright 2010, Authorize.NET
A .NET Library aimed at helping you get up to speed quickly with Authorize.NET

ApiFields:::..EcheckType Field

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

**C#**

public const string EcheckType

**Visual Basic**

Public Const EcheckType As String

**Visual C++**

public:
literal String^ EcheckType
See Also

ApiFields Class
AuthorizeNet Namespace

Copyright 2010, Authorize.NET
A .NET Library aimed at helping you get up to speed quickly with Authorize.NET

ApiFields...: Email Field

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

C#

public const string Email

Visual Basic

Public Const Email As String

Visual C++

public:
  literal String^ Email
See Also

ApiFields Class
AuthorizeNet Namespace

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ApiFields...EncapChar Field

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

C#
public const string EncapChar

Visual Basic
Public Const EncapChar As String

Visual C++
public:
literal String^ EncapChar
See Also

ApiFields Class
AuthorizeNet Namespace

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A .NET Library aimed at helping you get up to speed quickly with Authorize.NET

ApiFields...Fax Field

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

C#

public const string Fax

Visual Basic

Public Const Fax As String

Visual C++

public:
literal String^ Fax
See Also

ApiFields Class
AuthorizeNet Namespace

Copyright 2010, Authorize.NET
A .NET Library aimed at helping you get up to speed quickly with Authorize.NET

ApiFields:::FirstName Field

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

C#

public const string FirstName

Visual Basic

Public Const FirstName As String

Visual C++

public:
literal String^ FirstName
See Also

(ApiFields Class
AuthorizeNet Namespace

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A .NET Library aimed at helping you get up to speed quickly with Authorize.NET

ApiFields::FooterEmailReceipt Field

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

C#

public const string FooterEmailReceipt

Visual Basic

Public Const FooterEmailReceipt As String

Visual C++

public:
    literal String^ FooterEmailReceipt
See Also

ApiFields Class
AuthorizeNet Namespace

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ApiFields...: Freight Field

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

C#

public const string Freight

Visual Basic

Public Const Freight As String

Visual C++

public:
    literal String^ Freight
See Also

ApiFields Class
AuthorizeNet Namespace

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ApiFields:::..HeaderEmailReceipt Field

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

C#

public const string HeaderEmailReceipt

Visual Basic

Public Const HeaderEmailReceipt As String

Visual C++

public:
literal String^ HeaderEmailReceipt
See Also

ApiFields Class
AuthorizeNet Namespace

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ApiFields...: InvoiceNumber Field

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

C#

```csharp
public const string InvoiceNumber
```

Visual Basic

```vbnet
Public Const InvoiceNumber As String
```

Visual C++

```c++
public:
literal String^ InvoiceNumber
```
See Also

 ApiFields Class
 AuthorizeNet Namespace

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ApiFields...::..IsTestRequest Field

**Namespace:** AuthorizeNet

**Assembly:** AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

C#

public const string IsTestRequest

Visual Basic

Public Const IsTestRequest As String

Visual C++

public:
literal String^ IsTestRequest
See Also

ApiFields Class
AuthorizeNet Namespace

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LastName Field

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

C#

public const string LastName

Visual Basic

Public Const LastName As String

Visual C++

public:
literal String^ LastName
See Also

ApiFields Class
AuthorizeNet Namespace

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ApiFields... LineItem Field

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
## Syntax

### C#

public const `string` LineItem

### Visual Basic

Public Const LineItem As `String`  

### Visual C++

public:  
  literal `String`^ LineItem
See Also

ApiFields Class
AuthorizeNet Namespace

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ApiFields...::..Method Field

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

C#

public const string Method

Visual Basic

Public Const Method As String

Visual C++

public:
literal String^ Method
See Also

ApiFields Class
AuthorizeNet Namespace

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ApiFields... Phone Field

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

C#
public const string Phone

Visual Basic
Public Const Phone As String

Visual C++
public:
literal String^ Phone
See Also

ApiFields Class
AuthorizeNet Namespace

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### ApiFields

**PONumber Field**

Namespace: [AuthorizeNet](#)

Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

C#

public const string PONumber

Visual Basic

Public Const PONumber As String

Visual C++

public:
literal String^ PONumber
See Also

ApiFields Class
AuthorizeNet Namespace

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ApiFields...RecurringBilling Field

The recurring billing status

**Namespace:** Authorize.Net

**Assembly:** Authorize.Net (in AuthorizeNet.dll) Version: 0.0.0.0
## Syntax

**C#**

public const string RecurringBilling

**Visual Basic**

Public Const RecurringBilling As String

**Visual C++**

public:
literal String^ RecurringBilling
See Also

ApiFields Class
AuthorizeNet Namespace

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The relay response - leave this set as TRUE

**Namespace:** AuthorizeNet

**Assembly:** AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

C#

public const string RelayResponse

Visual Basic

Public Const RelayResponse As String

Visual C++

public:
literal String^ RelayResponse
See Also

ApiFields Class
AuthorizeNet Namespace

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ApiFields:::..ShipAddress Field

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

C#

public const string ShipAddress

Visual Basic

Public Const ShipAddress As String

Visual C++

public:
    literal String&^ ShipAddress
See Also

ApiFields Class
AuthorizeNet Namespace

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ApiFields...ShipCity Field

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

C#

public const string ShipCity

Visual Basic

Public Const ShipCity As String

Visual C++

public:
        literal String^ ShipCity
See Also

ApiFields Class
AuthorizeNet Namespace

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ApiFields...: ShipCompany Field

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

C#

public const string ShipCompany

Visual Basic

Public Const ShipCompany As String

Visual C++

public:
    literal String^ ShipCompany
See Also

ApiFields Class  
AuthorizeNet Namespace

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ApiFields...ShipCountry Field

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

**C#**

```csharp
public const string ShipCountry
```

**Visual Basic**

```vbnet
Public Const ShipCountry As String
```

**Visual C++**

```cpp
public:
literal String^ ShipCountry
```
See Also

ApiFields Class
AuthorizeNet Namespace

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ApiFields...: ShipFirstName Field

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

C#

public const string ShipFirstName

Visual Basic

Public Const ShipFirstName As String

Visual C++

public:
literal String^ ShipFirstName
See Also

ApiFields Class
AuthorizeNet Namespace

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ApiFields::ShipLastName Field

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

C#

public const string ShipLastName

Visual Basic

Public Const ShipLastName As String

Visual C++

public:
literal String^ ShipLastName
See Also

ApiFields Class
AuthorizeNet Namespace

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ApiFields::ShipState Field

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

C#
public const string ShipState

Visual Basic
Public Const ShipState As String

Visual C++
public:
literal String^ ShipState
See Also

ApiFields Class
AuthorizeNet Namespace

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ApiFields...ShipToAddress Field

NAMESPACE: AuthorizeNet
ASSEMBLY: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

C#

public const string ShipToAddress

Visual Basic

Public Const ShipToAddress As String

Visual C++

public:
literal String^ ShipToAddress
See Also

ApiFields Class
AuthorizeNet Namespace

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ApiFields..::..ShipToCity Field

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

C#
public const string ShipToCity

Visual Basic
Public Const ShipToCity As String

Visual C++
public:
literal String^ ShipToCity
See Also

ApiFields Class
AuthorizeNet Namespace

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ApiFields...ShipToCompany Field

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

**C#**

```csharp
public const string ShipToCompany
```

**Visual Basic**

```vbnet
Public Const ShipToCompany As String
```

**Visual C++**

```cpp
public:
    literal String^ ShipToCompany
```
See Also

ApiFields Class
AuthorizeNet Namespace

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C#  Visual Basic  Visual C++

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ApiFields... ShipToCountry Field

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

C#
public const string ShipToCountry

Visual Basic
Public Const ShipToCountry As String

Visual C++
public:
literal String^ ShipToCountry
See Also

ApiFields Class
AuthorizeNet Namespace

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ApiFields..:..ShipToFirstName Field

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

C#

public const string ShipToFirstName

Visual Basic

Public Const ShipToFirstName As String

Visual C++

public:
literal String^ ShipToFirstName
See Also

.ApiFields Class
.AuthorizeNet Namespace

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Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

C#

public const string ShipToLastName

Visual Basic

Public Const ShipToLastName As String

Visual C++

public:
literal String^ ShipToLastName
See Also

ApiFields Class
AuthorizeNet Namespace

Copyright 2010, Authorize.NET
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See Also: ApiFields Class

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

C#

public const string ShipToState

Visual Basic

Public Const ShipToState As String

Visual C++

public:
literal String^ ShipToState
See Also

ApiFields Class
AuthorizeNet Namespace

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ApiFields...: ShipToZip Field

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
### Syntax

**C#**

```csharp
public const string ShipToZip
```

**Visual Basic**

```vbnet
Public Const ShipToZip As String
```

**Visual C++**

```c
public:
    literal String^ ShipToZip
```
See Also

ApiFields Class
AuthorizeNet Namespace

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ApiFields... ShipZip Field

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

C#

class 

class 

Visual Basic

Public Const ShipZip As String

Visual C++

public:
    literal String^ ShipZip
See Also

ApiFields Class
AuthorizeNet Namespace

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ApiFields:::SplitTenderId Field

The payment gateway-assigned ID assigned when the original transaction includes two or more partial payments. This is the identifier that is used to group transactions that are part of a split tender order.

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
### Syntax

**C#**

```csharp
public const string SplitTenderId
```

**Visual Basic**

```vbnet
Public Const SplitTenderId As String
```

**Visual C++**

```cpp
public:
    literal String^ SplitTenderId
```
See Also

ApiFields Class
AuthorizeNet Namespace

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ApiFields...: State Field

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

C#

public const string State

Visual Basic

Public Const State As String

Visual C++

public:
literal String^ State
See Also

ApiFields Class
AuthorizeNet Namespace

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ApiFields...: Tax Field

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

C#

```csharp
public const string Tax
```

Visual Basic

```vbnet
Public Const Tax As String
```

Visual C++

```cpp
public:
    literal String^ Tax
```
See Also

ApiFields Class
AuthorizeNet Namespace

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ApiFields...: TaxExempt Field

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
**Syntax**

**C#**

```csharp
public const string TaxExempt
```

**Visual Basic**

```vbnet
Public Const TaxExempt As String
```

**Visual C++**

```cpp
public:
    literal String^ TaxExempt
```
See Also

ApiFields Class
AuthorizeNet Namespace

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ApiFields... TestRequest Field

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

C#

public const string TestRequest

Visual Basic

Public Const TestRequest As String

Visual C++

public:
    literal String^ TestRequest
See Also

ApiFields Class
AuthorizeNet Namespace

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Class: ApiFields

TransactionID Field

The payment gateway assigned transaction ID of an original transaction - Required only for CREDIT, PRIOR_AUTH_CAPTURE, and VOID transactions

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

C#
public const string TransactionID

Visual Basic
Public Const TransactionID As String

Visual C++
public:
literal String^ TransactionID
See Also

ApiFields Class
AuthorizeNet Namespace

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ApiFields:::TransactionKey Field

The merchant's unique Transaction Key

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

**C#**

public const string TransactionKey

**Visual Basic**

Public Const TransactionKey As String

**Visual C++**

class TransactionKey
{
    public:
    literal String^ TransactionKey
}
See Also

ApiFields Class
AuthorizeNet Namespace

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ApiFields:::.TransactionType Field

The type of transaction: AUTH_CAPTURE (default), AUTH_ONLY, CAPTURE_ONLY, CREDIT, PRIOR_AUTH_CAPTURE, VOID

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

C#
public const string TransactionType

Visual Basic
Public Const TransactionType As String

Visual C++
public:
literal String^ TransactionType
See Also

ApiFields Class
AuthorizeNet Namespace

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ApiFields...: Type Field

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

C#

public const string Type

Visual Basic

Public Const Type As String

Visual C++

public:
    literal String^ Type
See Also

ApiFields Class  
AuthorizeNet Namespace  

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Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

C#

public const string Version

Visual Basic

Public Const Version As String

Visual C++

public:
literal String^ Version
See Also

ApiFields Class
AuthorizeNet Namespace

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ApiFields...: Zip Field

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

C#

public const string Zip

Visual Basic

Public Const Zip As String

Visual C++

public:
literal String^ Zip
See Also

ApiFields Class
AuthorizeNet Namespace

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The **ApiFields** type exposes the following members.
## Methods

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>ApiContainsKey</td>
<td>Determines whether the specified Object is equal to the current Object.</td>
</tr>
<tr>
<td></td>
<td>(Inherited from Object.)</td>
</tr>
<tr>
<td>Equals</td>
<td>Serves as a hash function for a particular type.</td>
</tr>
<tr>
<td></td>
<td>(Inherited from Object.)</td>
</tr>
<tr>
<td>GetHashCode</td>
<td>Gets the Type of the current instance.</td>
</tr>
<tr>
<td></td>
<td>(Inherited from Object.)</td>
</tr>
<tr>
<td>GetType</td>
<td>Returns a String that represents the current Object.</td>
</tr>
<tr>
<td></td>
<td>(Inherited from Object.)</td>
</tr>
</tbody>
</table>
See Also

ApiFields Class
AuthorizeNet Namespace

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ApiFields...ApiContainsKey Method

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
## Syntax

### C#

```csharp
public bool ApiContainsKey(
    string key
)
```

### Visual Basic

```vbnet
Public Function ApiContainsKey ( _
    key As String _
) As Boolean
```

### Visual C++

```cpp
public:
    bool ApiContainsKey(
        String^ key
    )
```

## Parameters

**key**

Type: `System::String`
See Also

ApiFields Class
AuthorizeNet Namespace

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ApiFields Properties

The ApiFields type exposes the following members.
<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>ApiKeys</td>
<td></td>
</tr>
</tbody>
</table>
See Also

ApiFields Class
AuthorizeNet Namespace

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ApiFields...ApiKeys Property

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
**Syntax**

**C#**

```csharp
public List<string> ApiKeys { get; set; }
```

**Visual Basic**

```vbnet
Public Property ApiKeys As List(Of String)
    Get
    Set
```

**Visual C++**

```cpp
public:
property List<String^>^ ApiKeys {
    List<String^>^ get ();
    void set (List<String^>^ value);
}
```
See Also

ApiFields Class
AuthorizeNet Namespace

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AuthorizationRequest Class

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

C#

public class AuthorizationRequest : GatewayRequest

Visual Basic

Public Class AuthorizationRequest
    Inherits GatewayRequest

Visual C++

public ref class AuthorizationRequest : public GatewayRequest
Inheritance Hierarchy

System...Object
AuthorizeNet...GatewayRequest
AuthorizeNet...AuthorizationRequest
See Also

AuthorizationRequest Members
AuthorizeNet Namespace

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AuthorizationRequest Members

The AuthorizationRequest type exposes the following members.
## Constructors

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>AuthorizationRequest(NameValueCollection)</strong></td>
<td>Loader for use with form POSTS from web</td>
</tr>
<tr>
<td><strong>AuthorizationRequest(String, String, Decimal, String)</strong></td>
<td>Initializes a new instance of the AuthorizationRequest class.</td>
</tr>
<tr>
<td><strong>AuthorizationRequest(String, String, Decimal, String, Boolean)</strong></td>
<td>Initializes a new instance of the AuthorizationRequest class.</td>
</tr>
</tbody>
</table>
### Methods

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>AddCardCode</td>
<td>The 3-digit Credit Card Code (CCV) on the back of the card (Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>AddCustomer</td>
<td>Adds a Customer record to the current request (Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>AddDuty(Decimal)</td>
<td>Adds a tax value to the request (Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>AddDuty(Decimal, String, String)</td>
<td>Adds a detailed tax value to the request (Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>AddFraudCheck()</td>
<td>This method will pull the user's IP address for use with FDS. Only valid for Web-based transactions. (Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>AddFraudCheck(String)</td>
<td>This method adds the required values for Fraud Detection Suite. Your merchant must sign up for this service with Authorize.Net (Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>AddFreight(Decimal)</td>
<td>Adds a tax value to the request (Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>AddFreight(Decimal, String, String)</td>
<td>Adds a detailed tax value to the request (Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>AddInvoice</td>
<td>Adds an InvoiceNumber to the request (Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>AddLineItem</td>
<td>Adds a line item to the current order (Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>AddMerchantValue</td>
<td>This is where you can add custom values to the request, which will be returned to you in the response (Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>AddShipping</td>
<td>Adds a Shipping Record to the current request (Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>Method</td>
<td>Description</td>
</tr>
<tr>
<td>--------</td>
<td>-------------</td>
</tr>
<tr>
<td>AddTax(Decimal)</td>
<td>Adds a tax value to the request (Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>AddTax(Decimal, String, String)</td>
<td>Adds a detailed tax value to the request (Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>Equals</td>
<td>Determines whether the specified Object is equal to the current Object. (Inherited from Object.)</td>
</tr>
<tr>
<td>Get</td>
<td>Gets the specified key from the request. (Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>GetHashCode</td>
<td>Serves as a hash function for a particular type. (Inherited from Object.)</td>
</tr>
<tr>
<td>GetType</td>
<td>Gets the Type of the current instance. (Inherited from Object.)</td>
</tr>
<tr>
<td>Queue</td>
<td>Queues the specified key into the request. (Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>ToPostString</td>
<td>Outputs the queue as a delimited, URL-safe string for sending to Authorize.net as a form POST (Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>ToString</td>
<td>Returns a String that represents the current Object. (Inherited from Object.)</td>
</tr>
</tbody>
</table>
## Properties

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Address</td>
<td>Gets or sets the address. (Inherited from <a href="#">GatewayRequest</a>)</td>
</tr>
<tr>
<td>AllowPartialAuth</td>
<td>Gets or sets the allow partial auth. (Inherited from <a href="#">GatewayRequest</a>)</td>
</tr>
<tr>
<td>Amount</td>
<td>Gets or sets the amount. (Inherited from <a href="#">GatewayRequest</a>)</td>
</tr>
<tr>
<td>ApiAction</td>
<td>(Inherited from <a href="#">GatewayRequest</a>)</td>
</tr>
<tr>
<td>AuthCode</td>
<td>Gets or sets the auth code. (Inherited from <a href="#">GatewayRequest</a>)</td>
</tr>
<tr>
<td>AuthenticationIndicator</td>
<td>Gets or sets the authentication indicator. (Inherited from <a href="#">GatewayRequest</a>)</td>
</tr>
<tr>
<td>BankABACode</td>
<td>Gets or sets the bank ABA code. (Inherited from <a href="#">GatewayRequest</a>)</td>
</tr>
<tr>
<td>BankAccountName</td>
<td>Gets or sets the name of the bank account. (Inherited from <a href="#">GatewayRequest</a>)</td>
</tr>
<tr>
<td>BankAccountNumber</td>
<td>Gets or sets the bank account number. (Inherited from <a href="#">GatewayRequest</a>)</td>
</tr>
<tr>
<td>BankAccountType</td>
<td>Gets or sets the type of the bank account. (Inherited from <a href="#">GatewayRequest</a>)</td>
</tr>
<tr>
<td>BankCheckNumber</td>
<td>Gets or sets the bank check number. (Inherited from <a href="#">GatewayRequest</a>)</td>
</tr>
<tr>
<td>BankName</td>
<td>Gets or sets the name of the bank. (Inherited from <a href="#">GatewayRequest</a>)</td>
</tr>
<tr>
<td>CardCode</td>
<td>Gets or sets the credit card code. (Inherited from <a href="#">GatewayRequest</a>)</td>
</tr>
<tr>
<td>CardholderAuthenticationValue</td>
<td>Gets or sets the cardholder authentication value. (Inherited from <a href="#">GatewayRequest</a>)</td>
</tr>
</tbody>
</table>
**CardNum**
Gets or sets the credit card number.
(Inherited from [GatewayRequest](#).)

**City**
Gets or sets the city.
(Inherited from [GatewayRequest](#).)

**Company**
Gets or sets the company.
(Inherited from [GatewayRequest](#).)

**Country**
Gets or sets the country.
(Inherited from [GatewayRequest](#).)

**CustId**
Gets or sets the cust id.
(Inherited from [GatewayRequest](#).)

**CustomerIp**
Gets or sets the customer ip.
(Inherited from [GatewayRequest](#).)

**DelimChar**
Gets or sets the delim char.
(Inherited from [GatewayRequest](#).)

**DelimData**
Gets or sets the delim data.
(Inherited from [GatewayRequest](#).)

**Description**
Gets or sets the description.
(Inherited from [GatewayRequest](#).)

**DuplicateWindow**
Gets or sets the duplicate window - the am.
(Inherited from [GatewayRequest](#).)

**Duty**
Gets or sets the duty.
(Inherited from [GatewayRequest](#).)

**EcheckType**
Gets or sets the type of the echeck.
(Inherited from [GatewayRequest](#).)

**Email**
Gets or sets the email.
(Inherited from [GatewayRequest](#).)

**EmailCustomer**
Gets or sets the email customer.
(Inherited from [GatewayRequest](#).)

**EncapChar**
Gets or sets the encap char.
(Inherited from [GatewayRequest](#).)

**ExpDate**
Gets or sets the exp date.
(Inherited from [GatewayRequest](#).)

**Fax**
Gets or sets the fax.
(Inherited from [GatewayRequest](#).)

**FirstName**
Gets or sets the first name.
**FirstName** (Inherited from [GatewayRequest](#).

**FooterEmailReceipt** Gets or sets the footer email receipt. (Inherited from [GatewayRequest](#).

**Freight** Gets or sets the freight. (Inherited from [GatewayRequest](#).

**HeaderEmailReceipt** Gets or sets the header email receipt. (Inherited from [GatewayRequest](#).

**InvoiceNum** Gets or sets the invoice num. (Inherited from [GatewayRequest](#).

**LastName** Gets or sets the last name. (Inherited from [GatewayRequest](#).

**LineItem** Gets or sets the line item. (Inherited from [GatewayRequest](#).

**Login** Gets or sets the login. (Inherited from [GatewayRequest](#).

**Method** Gets or sets the method. (Inherited from [GatewayRequest](#).

**Phone** Gets or sets the phone. (Inherited from [GatewayRequest](#).

**PoNum** Gets or sets the po number. (Inherited from [GatewayRequest](#).

**Post** (Inherited from [GatewayRequest](#).

**RecurringBilling** Gets or sets the recurring billing. (Inherited from [GatewayRequest](#).

**RelayResponse** Gets or sets the relay response. (Inherited from [GatewayRequest](#).

**ShipToAddress** Gets or sets the ship to address. (Inherited from [GatewayRequest](#).

**ShipToCity** Gets or sets the ship to city. (Inherited from [GatewayRequest](#).

**ShipToCompany** Gets or sets the ship to company. (Inherited from [GatewayRequest](#).

**ShipToCountry** Gets or sets the ship to country. (Inherited from [GatewayRequest](#)

Gets or sets the first name of the ship
<table>
<thead>
<tr>
<th>Property</th>
<th>Description</th>
<th>Inheritance</th>
</tr>
</thead>
<tbody>
<tr>
<td>ShipToFirstName</td>
<td>Gets or sets the first name of the ship to.</td>
<td>Inherited from GatewayRequest.</td>
</tr>
<tr>
<td>ShipToLastName</td>
<td>Gets or sets the last name of the ship to.</td>
<td>Inherited from GatewayRequest.</td>
</tr>
<tr>
<td>ShipToState</td>
<td>Gets or sets the state of the ship to.</td>
<td>Inherited from GatewayRequest.</td>
</tr>
<tr>
<td>ShipToZip</td>
<td>Gets or sets the ship to zip.</td>
<td>Inherited from GatewayRequest.</td>
</tr>
<tr>
<td>SplitTenderId</td>
<td>Gets or sets the split tender id.</td>
<td>Inherited from GatewayRequest.</td>
</tr>
<tr>
<td>State</td>
<td>Gets or sets the state.</td>
<td>Inherited from GatewayRequest.</td>
</tr>
<tr>
<td>Tax</td>
<td>Gets or sets the tax.</td>
<td>Inherited from GatewayRequest.</td>
</tr>
<tr>
<td>TaxExempt</td>
<td>Gets or sets the tax exempt.</td>
<td>Inherited from GatewayRequest.</td>
</tr>
<tr>
<td>TestRequest</td>
<td>Gets or sets the test request.</td>
<td>Inherited from GatewayRequest.</td>
</tr>
<tr>
<td>TranKey</td>
<td>Gets or sets the tran key.</td>
<td>Inherited from GatewayRequest.</td>
</tr>
<tr>
<td>TransId</td>
<td>Gets or sets the trans id.</td>
<td>Inherited from GatewayRequest.</td>
</tr>
<tr>
<td>Type</td>
<td>Gets or sets the type.</td>
<td>Inherited from GatewayRequest.</td>
</tr>
<tr>
<td>Version</td>
<td>Gets or sets the version.</td>
<td>Inherited from GatewayRequest.</td>
</tr>
<tr>
<td>Zip</td>
<td>Gets or sets the zip.</td>
<td>Inherited from GatewayRequest.</td>
</tr>
</tbody>
</table>
See Also

AuthorizationRequest Class
AuthorizeNet Namespace

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AuthorizationRequest Constructor

[Link to AuthorizationRequest Class] [See Also] [Send Feedback]
### Overload List

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>AuthorizationRequest(NameValueCollection)</td>
<td>Loader for use with form POSTS from web</td>
</tr>
<tr>
<td>AuthorizationRequest(String, String, Decimal, String)</td>
<td>Initializes a new instance of the AuthorizationRequest class.</td>
</tr>
<tr>
<td>AuthorizationRequest(String, String, Decimal, String, Boolean)</td>
<td>Initializes a new instance of the AuthorizationRequest class.</td>
</tr>
</tbody>
</table>
See Also

AuthorizationRequest Class
AuthorizationRequest Members
AuthorizeNet Namespace

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C#  □  Visual Basic  □  Visual C++

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AuthorizationRequest Constructor (NameValueCollection)

AuthorizationRequest Class  See Also  Send Feedback

Loader for use with form POSTS from web

**Namespace:** AuthorizeNet

**Assembly:** AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
**Syntax**

**C#**

```csharp
public AuthorizationRequest(
    NameValueCollection post
)
```

**Visual Basic**

```vbnet
Public Sub New (_
    post As NameValueCollection _
)
```

**Visual C++**

```cpp
public:
AuthorizationRequest(
    NameValueCollection^ post
)
```

**Parameters**

`post`  
Type: `System.Collections.Specialized.NameValueCollection`
See Also

AuthorizationRequest Class
AuthorizationRequest Overload
AuthorizeNet Namespace

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AuthorizationRequest Constructor (String, String, Decimal, String)

Initializes a new instance of the AuthorizationRequest class.

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

C#

public AuthorizationRequest(
    string cardNumber,
    string expirationMonthAndYear,
    decimal amount,
    string description
)

Visual Basic

Public Sub New (_
    cardNumber As String, _
    expirationMonthAndYear As String, _
    amount As Decimal, _
    description As String _
)

Visual C++

public:
AuthorizationRequest(
    String^ cardNumber,
    String^ expirationMonthAndYear,
    Decimal amount,
    String^ description
)

Parameters

cardNumber
    Type: System::String
    The card number.

expirationMonthAndYear
    Type: System::String
    The expiration month and year.
amount
  Type: System.Decimal
  The amount.

description
  Type: System.String
  The description.
See Also

AuthorizationRequest Class
AuthorizationRequest Overload
AuthorizeNet Namespace

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**AuthorizationRequest Constructor (String, String, Decimal, String, Boolean)**

- **AuthorizationRequest Class**
- **See Also**
- **Send Feedback**

Initializes a new instance of the **AuthorizationRequest** class.

**Namespace:** AuthorizeNet

**Assembly:** AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

C#

```csharp
public AuthorizationRequest(
    string cardNumber,
    string expirationMonthAndYear,
    decimal amount,
    string description,
    bool includeCapture
)
```

Visual Basic

```vbnet
Public Sub New (_
    cardNumber As String, _
    expirationMonthAndYear As String, _
    amount As Decimal, _
    description As String, _
    includeCapture As Boolean _
)
```

Visual C++

```cpp
public:
AuthorizationRequest(
    String^ cardNumber,
    String^ expirationMonthAndYear,
    Decimal amount,
    String^ description,
    bool includeCapture
)
```

Parameters

cardNumber
   Type: `System::String`
   The card number.

expirationMonthAndYear
Type: **System.String**
The expiration month and year.

amount
Type: **System.Decimal**
The amount.

description
Type: **System.String**
The description.

includeCapture
Type: **System.Boolean**
if set to true [include capture].
See Also

AuthorizationRequest Class
AuthorizationRequest Overload
AuthorizeNet Namespace

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AuthorizationRequest Methods

The AuthorizationRequest type exposes the following members.
### Methods

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>AddCardCode</td>
<td>The 3-digit Credit Card Code (CCV) on the back of the card (Inherited from <a href="#">GatewayRequest</a>.)</td>
</tr>
<tr>
<td>AddCustomer</td>
<td>Adds a Customer record to the current request (Inherited from <a href="#">GatewayRequest</a>.)</td>
</tr>
<tr>
<td>AddDuty(Decimal)</td>
<td>Adds a tax value to the request (Inherited from <a href="#">GatewayRequest</a>.)</td>
</tr>
<tr>
<td>AddDuty(Decimal, String, String)</td>
<td>Adds a detailed tax value to the request (Inherited from <a href="#">GatewayRequest</a>.)</td>
</tr>
<tr>
<td>AddFraudCheck</td>
<td>This method will pull the user's IP address for use with FDS. Only valid for Web-based transactions. (Inherited from <a href="#">GatewayRequest</a>.)</td>
</tr>
<tr>
<td>AddFraudCheck(String)</td>
<td>This method adds the required values for Fraud Detection Suite. Your merchant must sign up for this service with Authorize.Net (Inherited from <a href="#">GatewayRequest</a>.)</td>
</tr>
<tr>
<td>AddFreight(Decimal)</td>
<td>Adds a tax value to the request (Inherited from <a href="#">GatewayRequest</a>.)</td>
</tr>
<tr>
<td>AddFreight(Decimal, String, String)</td>
<td>Adds a detailed tax value to the request (Inherited from <a href="#">GatewayRequest</a>.)</td>
</tr>
<tr>
<td>AddInvoice</td>
<td>Adds an InvoiceNumber to the request (Inherited from <a href="#">GatewayRequest</a>.)</td>
</tr>
<tr>
<td>AddLineItem</td>
<td>Adds a line item to the current order (Inherited from <a href="#">GatewayRequest</a>.)</td>
</tr>
<tr>
<td>AddMerchantValue</td>
<td>This is where you can add custom values to the request, which will be returned to you in the response (Inherited from <a href="#">GatewayRequest</a>.)</td>
</tr>
<tr>
<td>AddShipping</td>
<td>Adds a Shipping Record to the current request (Inherited from <a href="#">GatewayRequest</a>.)</td>
</tr>
<tr>
<td>Method</td>
<td>Description</td>
</tr>
<tr>
<td>-------------------------------</td>
<td>-----------------------------------------------------------------------------</td>
</tr>
<tr>
<td>AddTax(Decimal)</td>
<td>Adds a tax value to the request</td>
</tr>
<tr>
<td>AddTax(Decimal, String, String)</td>
<td>Adds a detailed tax value to the request</td>
</tr>
<tr>
<td>Equals</td>
<td>Determines whether the specified Object is equal to the current Object.</td>
</tr>
<tr>
<td>Get</td>
<td>Gets the specified key from the request.</td>
</tr>
<tr>
<td>GetHashCode</td>
<td>Serves as a hash function for a particular type.</td>
</tr>
<tr>
<td>GetType</td>
<td>Gets the Type of the current instance.</td>
</tr>
<tr>
<td>Queue</td>
<td>Queues the specified key into the request.</td>
</tr>
<tr>
<td>ToPostString</td>
<td>Outputs the queue as a delimited, URL-safe string for sending to Authorize.net as a form POST</td>
</tr>
<tr>
<td>ToString</td>
<td>Returns a String that represents the current Object.</td>
</tr>
</tbody>
</table>
See Also

AuthorizationRequest Class
AuthorizeNet Namespace

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AuthorizationRequest.....AddDuty Method

AuthorizationRequest Class  See Also  Send Feedback
## Overload List

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>AddDuty(Decimal)</td>
<td>Adds a tax value to the request (Inherited from <a href="#">GatewayRequest</a>.)</td>
</tr>
<tr>
<td>AddDuty(Decimal, String, String)</td>
<td>Adds a detailed tax value to the request (Inherited from <a href="#">GatewayRequest</a>.)</td>
</tr>
</tbody>
</table>
See Also

AuthorizationRequest Class
AuthorizationRequest Members
AuthorizeNet Namespace

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AuthorizationRequest::AddFraudCheck Method

AuthorizationRequest Class  See Also  Send Feedback
<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>AddFraudCheck()</td>
<td>This method will pull the user's IP address for use with FDS. Only valid for Web-based transactions. (Inherited from <a href="#">GatewayRequest</a>.)</td>
</tr>
<tr>
<td>AddFraudCheck(String)</td>
<td>This method adds the required values for Fraud Detection Suite. Your merchant must sign up for this service with Authorize.Net (Inherited from <a href="#">GatewayRequest</a>.)</td>
</tr>
</tbody>
</table>
See Also

AuthorizationRequest Class
AuthorizationRequest Members
AuthorizeNet Namespace

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A .NET Library aimed at helping you get up to speed quickly with Authorize.NET AuthorizationRequest...AddFreight Method

AuthorizationRequest Class  See Also  Send Feedback
## Overload List

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>AddFreight(Decimal)</td>
<td>Adds a tax value to the request (Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>AddFreight(Decimal, String, String)</td>
<td>Adds a detailed tax value to the request (Inherited from GatewayRequest.)</td>
</tr>
</tbody>
</table>
See Also

AuthorizationRequest Class
AuthorizationRequest Members
AuthorizeNet Namespace

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AuthorizationRequest.AddTax Method

AuthorizationRequest Class See Also Send Feedback
## Overload List

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>AddTax(Decimal)</td>
<td>Adds a tax value to the request (Inherited from <a href="#">GatewayRequest</a>.)</td>
</tr>
<tr>
<td>AddTax(Decimal, String, String)</td>
<td>Adds a detailed tax value to the request (Inherited from <a href="#">GatewayRequest</a>.)</td>
</tr>
</tbody>
</table>
See Also

AuthorizationRequest Class
AuthorizationRequest Members
AuthorizeNet Namespace

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AuthorizationRequest Properties

The `AuthorizationRequest` type exposes the following members.
## Properties

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Address</td>
<td>Gets or sets the address. (Inherited from <a href="#">GatewayRequest</a>.)</td>
</tr>
<tr>
<td>AllowPartialAuth</td>
<td>Gets or sets the allow partial auth. (Inherited from <a href="#">GatewayRequest</a>.)</td>
</tr>
<tr>
<td>Amount</td>
<td>Gets or sets the amount. (Inherited from <a href="#">GatewayRequest</a>.)</td>
</tr>
<tr>
<td>ApiAction</td>
<td>(Inherited from <a href="#">GatewayRequest</a>.)</td>
</tr>
<tr>
<td>AuthCode</td>
<td>Gets or sets the auth code. (Inherited from <a href="#">GatewayRequest</a>.)</td>
</tr>
<tr>
<td>AuthenticationIndicator</td>
<td>Gets or sets the authentication indicator. (Inherited from <a href="#">GatewayRequest</a>.)</td>
</tr>
<tr>
<td>BankABACode</td>
<td>Gets or sets the bank ABA code. (Inherited from <a href="#">GatewayRequest</a>.)</td>
</tr>
<tr>
<td>BankAccountName</td>
<td>Gets or sets the name of the bank account. (Inherited from <a href="#">GatewayRequest</a>.)</td>
</tr>
<tr>
<td>BankAccountNumber</td>
<td>Gets or sets the bank account number. (Inherited from <a href="#">GatewayRequest</a>.)</td>
</tr>
<tr>
<td>BankAccountType</td>
<td>Gets or sets the type of the bank account. (Inherited from <a href="#">GatewayRequest</a>.)</td>
</tr>
<tr>
<td>BankCheckNumber</td>
<td>Gets or sets the bank check number. (Inherited from <a href="#">GatewayRequest</a>.)</td>
</tr>
<tr>
<td>BankName</td>
<td>Gets or sets the name of the bank. (Inherited from <a href="#">GatewayRequest</a>.)</td>
</tr>
<tr>
<td>CardCode</td>
<td>Gets or sets the credit card code. (Inherited from <a href="#">GatewayRequest</a>.)</td>
</tr>
<tr>
<td>CardholderAuthenticationValue</td>
<td>Gets or sets the cardholder authentication value. (Inherited from <a href="#">GatewayRequest</a>.)</td>
</tr>
<tr>
<td>Property</td>
<td>Description</td>
</tr>
<tr>
<td>-------------------</td>
<td>------------------------------------------------</td>
</tr>
<tr>
<td>CardNum</td>
<td>Gets or sets the credit card number.</td>
</tr>
<tr>
<td>City</td>
<td>Gets or sets the city.</td>
</tr>
<tr>
<td>Company</td>
<td>Gets or sets the company.</td>
</tr>
<tr>
<td>Country</td>
<td>Gets or sets the country.</td>
</tr>
<tr>
<td>CustId</td>
<td>Gets or sets the cust id.</td>
</tr>
<tr>
<td>CustomerIp</td>
<td>Gets or sets the customer ip.</td>
</tr>
<tr>
<td>DelimChar</td>
<td>Gets or sets the delim char.</td>
</tr>
<tr>
<td>DelimData</td>
<td>Gets or sets the delim data.</td>
</tr>
<tr>
<td>Description</td>
<td>Gets or sets the description.</td>
</tr>
<tr>
<td>DuplicateWindow</td>
<td>Gets or sets the duplicate window - the am.</td>
</tr>
<tr>
<td>Duty</td>
<td>Gets or sets the duty.</td>
</tr>
<tr>
<td>EcheckType</td>
<td>Gets or sets the type of the echeck.</td>
</tr>
<tr>
<td>Email</td>
<td>Gets or sets the email.</td>
</tr>
<tr>
<td>EmailCustomer</td>
<td>Gets or sets the email customer.</td>
</tr>
<tr>
<td>EncapChar</td>
<td>Gets or sets the encap char.</td>
</tr>
<tr>
<td>ExpDate</td>
<td>Gets or sets the exp date.</td>
</tr>
<tr>
<td>Fax</td>
<td>Gets or sets the fax.</td>
</tr>
<tr>
<td>Property</td>
<td>Description</td>
</tr>
<tr>
<td>-----------------------</td>
<td>-----------------------------------------------------------------------------------------------------------------------------------------------</td>
</tr>
<tr>
<td>FirstName</td>
<td>(Inherited from <a href="#">GatewayRequest</a>.) Gets or sets the first name of the ship.</td>
</tr>
<tr>
<td>FooterEmailReceipt</td>
<td>Gets or sets the footer email receipt. (Inherited from <a href="#">GatewayRequest</a>.)</td>
</tr>
<tr>
<td>Freight</td>
<td>Gets or sets the freight. (Inherited from <a href="#">GatewayRequest</a>.)</td>
</tr>
<tr>
<td>HeaderEmailReceipt</td>
<td>Gets or sets the header email receipt. (Inherited from <a href="#">GatewayRequest</a>.)</td>
</tr>
<tr>
<td>InvoiceNum</td>
<td>Gets or sets the invoice num. (Inherited from <a href="#">GatewayRequest</a>.)</td>
</tr>
<tr>
<td>LastName</td>
<td>Gets or sets the last name. (Inherited from <a href="#">GatewayRequest</a>.)</td>
</tr>
<tr>
<td>LineItem</td>
<td>Gets or sets the line item. (Inherited from <a href="#">GatewayRequest</a>.)</td>
</tr>
<tr>
<td>Login</td>
<td>Gets or sets the login. (Inherited from <a href="#">GatewayRequest</a>.)</td>
</tr>
<tr>
<td>Method</td>
<td>Gets or sets the method. (Inherited from <a href="#">GatewayRequest</a>.)</td>
</tr>
<tr>
<td>Phone</td>
<td>Gets or sets the phone. (Inherited from <a href="#">GatewayRequest</a>.)</td>
</tr>
<tr>
<td>PoNum</td>
<td>Gets or sets the po number. (Inherited from <a href="#">GatewayRequest</a>.)</td>
</tr>
<tr>
<td>Post</td>
<td>(Inherited from <a href="#">GatewayRequest</a>.)</td>
</tr>
<tr>
<td>RecurringBilling</td>
<td>Gets or sets the recurring billing. (Inherited from <a href="#">GatewayRequest</a>.)</td>
</tr>
<tr>
<td>RelayResponse</td>
<td>Gets or sets the relay response. (Inherited from <a href="#">GatewayRequest</a>.)</td>
</tr>
<tr>
<td>ShipToAddress</td>
<td>Gets or sets the ship to address. (Inherited from <a href="#">GatewayRequest</a>.)</td>
</tr>
<tr>
<td>ShipToCity</td>
<td>Gets or sets the ship to city. (Inherited from <a href="#">GatewayRequest</a>.)</td>
</tr>
<tr>
<td>ShipToCompany</td>
<td>Gets or sets the ship to company. (Inherited from <a href="#">GatewayRequest</a>.)</td>
</tr>
<tr>
<td>ShipToCountry</td>
<td>Gets or sets the ship to country. (Inherited from <a href="#">GatewayRequest</a>.)</td>
</tr>
<tr>
<td></td>
<td>Gets or sets the first name of the ship.</td>
</tr>
<tr>
<td>Field</td>
<td>Description</td>
</tr>
<tr>
<td>-----------------------</td>
<td>-----------------------------------------------------------------------------</td>
</tr>
<tr>
<td>ShipToFirstName</td>
<td>Gets or sets the last name of the ship to.</td>
</tr>
<tr>
<td>ShipToLastName</td>
<td>(Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>ShipToState</td>
<td>Gets or sets the state of the ship to.</td>
</tr>
<tr>
<td>ShipToZip</td>
<td>Gets or sets the ship to zip.</td>
</tr>
<tr>
<td>SplitTenderId</td>
<td>Gets or sets the split tender id.</td>
</tr>
<tr>
<td>State</td>
<td>Gets or sets the state.</td>
</tr>
<tr>
<td>Tax</td>
<td>Gets or sets the tax.</td>
</tr>
<tr>
<td>TaxExempt</td>
<td>Gets or sets the tax exempt.</td>
</tr>
<tr>
<td>TestRequest</td>
<td>Gets or sets the test request.</td>
</tr>
<tr>
<td>TranKey</td>
<td>Gets or sets the tran key.</td>
</tr>
<tr>
<td>TransId</td>
<td>Gets or sets the trans id.</td>
</tr>
<tr>
<td>Type</td>
<td>Gets or sets the type.</td>
</tr>
<tr>
<td>Version</td>
<td>Gets or sets the version.</td>
</tr>
<tr>
<td>Zip</td>
<td>Gets or sets the zip.</td>
</tr>
</tbody>
</table>
See Also

AuthorizationRequest Class
AuthorizeNet Namespace

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BankAccountType Enumeration

The type of BankAccount to be used

**Namespace:** AuthorizeNet

**Assembly:** AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

C#

public enum BankAccountType

Visual Basic

Public Enumeration BankAccountType

Visual C++

public enum class BankAccountType
<table>
<thead>
<tr>
<th>Member name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Checking</td>
<td></td>
</tr>
<tr>
<td>BusinessChecking</td>
<td></td>
</tr>
<tr>
<td>Savings</td>
<td></td>
</tr>
</tbody>
</table>
See Also

AuthorizeNet Namespace

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Batch Class

**Namespace:** AuthorizeNet

**Assembly:** AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

C#

public class Batch

Visual Basic

Public Class Batch

Visual C++

public ref class Batch
Inheritance Hierarchy

System::Object
AuthorizeNet::Batch
See Also

Batch Members
AuthorizeNet Namespace

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Batch Members

The **Batch** type exposes the following members.
<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Batch</strong></td>
<td>Initializes a new instance of the <strong>Batch</strong> class</td>
</tr>
</tbody>
</table>
## Methods

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Equals</td>
<td>Determines whether the specified <code>Object</code> is equal to the current <code>Object</code>.</td>
</tr>
<tr>
<td>GetHashCode</td>
<td>Serves as a hash function for a particular type.</td>
</tr>
<tr>
<td>GetType</td>
<td>Gets the <code>Type</code> of the current instance.</td>
</tr>
<tr>
<td>NewFromResponse</td>
<td>Creates a list of batches directly from the API Response</td>
</tr>
<tr>
<td>ToString</td>
<td>Returns a <code>String</code> that represents the current <code>Object</code>.</td>
</tr>
</tbody>
</table>
# Properties

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Charges</td>
<td>Gets or sets the charges.</td>
</tr>
<tr>
<td>ID</td>
<td>Gets or sets the ID.</td>
</tr>
<tr>
<td>PaymentMethod</td>
<td>Gets or sets the payment method.</td>
</tr>
<tr>
<td>SettledOn</td>
<td>Gets or sets the settled on.</td>
</tr>
<tr>
<td>State</td>
<td>Gets or sets the state.</td>
</tr>
</tbody>
</table>
See Also

Batch Class
AuthorizeNet Namespace

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Batch Constructor

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

C#
public Batch();

Visual Basic
Public Sub New

Visual C++
public:
Batch();
See Also

Batch Class
AuthorizeNet Namespace

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A .NET Library aimed at helping you get up to speed quickly with Authorize.NET Batch Methods

Batch Class See Also Send Feedback

The Batch type exposes the following members.
## Methods

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Equals</td>
<td>Determines whether the specified <a href="https://docs.microsoft.com/en-us/dotnet/api/system.object">Object</a> is equal to the current <a href="https://docs.microsoft.com/en-us/dotnet/api/system.object">Object</a>. (Inherited from <a href="https://docs.microsoft.com/en-us/dotnet/api/system.object">Object</a>.)</td>
</tr>
<tr>
<td>GetHashCode</td>
<td>Serves as a hash function for a particular type. (Inherited from <a href="https://docs.microsoft.com/en-us/dotnet/api/system.object">Object</a>.)</td>
</tr>
<tr>
<td>GetType</td>
<td>Gets the <a href="https://docs.microsoft.com/en-us/dotnet/api/system.type">Type</a> of the current instance. (Inherited from <a href="https://docs.microsoft.com/en-us/dotnet/api/system.object">Object</a>.)</td>
</tr>
<tr>
<td>NewFromResponse</td>
<td>Creates a list of batches directly from the API Response</td>
</tr>
<tr>
<td>ToString</td>
<td>Returns a <a href="https://docs.microsoft.com/en-us/dotnet/api/system.string">String</a> that represents the current <a href="https://docs.microsoft.com/en-us/dotnet/api/system.object">Object</a>. (Inherited from <a href="https://docs.microsoft.com/en-us/dotnet/api/system.object">Object</a>.)</td>
</tr>
</tbody>
</table>
See Also

Batch Class
AuthorizeNet Namespace

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Batch:::NewFromResponse Method

Creates a list of batches directly from the API Response

**Namespace:** AuthorizeNet

**Assembly:** AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
### Syntax

**C#**

```csharp
public static List<Batch> NewFromResponse(
    getSettledBatchListResponse batches
)
```

**Visual Basic**

```vbnet
Public Shared Function NewFromResponse (_
    batches As getSettledBatchListResponse _
) As List(Of Batch)
```

**Visual C++**

```cpp
public:
static List<Batch>^ NewFromResponse(
    getSettledBatchListResponse^ batches
)
```

### Parameters

**batches**  
Type: getSettledBatchListResponse  
The batches.

### Return Value
See Also

Batch Class
AuthorizeNet Namespace

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Batch Properties

The **Batch** type exposes the following members.
## Properties

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Charges</td>
<td>Gets or sets the charges.</td>
</tr>
<tr>
<td>ID</td>
<td>Gets or sets the ID.</td>
</tr>
<tr>
<td>PaymentMethod</td>
<td>Gets or sets the payment method.</td>
</tr>
<tr>
<td>SettledOn</td>
<td>Gets or sets the settled on.</td>
</tr>
<tr>
<td>State</td>
<td>Gets or sets the state.</td>
</tr>
</tbody>
</table>
See Also

Batch Class
AuthorizeNet Namespace

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Batch...Charges Property

Batch Class See Also Send Feedback

Gets or sets the charges.

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
**Syntax**

**C#**

```csharp
public List<Charge> Charges { get; set; }
```

**Visual Basic**

```vbnet
Public Property Charges As List(Of Charge)
    Get
        _Charges
    End Get
    Set
        _Charges = value
    End Set
End Property
```

**Visual C++**

```cpp
public:
    property List<Charge>^ Charges { 
        List<Charge>^ get ();
        void set (List<Charge>^ value); 
    }
```

**Field Value**

The charges.
See Also

Batch Class
AuthorizeNet Namespace

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ID Property

Batch Class See Also Send Feedback

Gets or sets the ID.

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
### Syntax

#### C#

```csharp
public string ID { get; set; }
```

#### Visual Basic

```vbnet
Public Property ID As String
    Get
    Set
```

#### Visual C++

```cpp
public:
    property String^ ID {
        String^ get ();
        void set (String^ value);
    }
```

### Field Value

The ID.
See Also

Batch Class
AuthorizeNet Namespace

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Batch...PaymentMethod Property

Gets or sets the payment method.

**Namespace:** AuthorizeNet

**Assembly:** AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

C#

public string PaymentMethod { get; set; }

Visual Basic

Public Property PaymentMethod As String
    Get
    Set

Visual C++

public:
    property String^ PaymentMethod {
        String^ get ();
        void set (String^ value);
    }

Field Value

The payment method.
See Also

Batch Class
AuthorizeNet Namespace

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Batch.....SettledOn Property

Gets or sets the settled on.

**Namespace:** AuthorizeNet

**Assembly:** AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

C#

public DateTime SettledOn { get; set; }

Visual Basic

Public Property SettledOn As DateTime
    Get
    Set

Visual C++

public:
    property DateTime SettledOn {
        DateTime get ();
        void set (DateTime value);
    }

Field Value

The settled on.
See Also

Batch Class
AuthorizeNet Namespace

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State Property

Gets or sets the state.

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

C#

public string State { get; set; }

Visual Basic

Public Property State As String
    Get
        State
    End Get
    Set
        State
    End Set

Visual C++

public:
    property String^ State {
        String^ get ();
        void set (String^ value);
    }

Field Value

The state.
See Also

Batch Class
AuthorizeNet Namespace

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C#  Visual Basic
☐ Visual C++

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BillingIntervalUnits Enumeration

See Also Send Feedback

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

C#
public enum BillingIntervalUnits

Visual Basic
Public Enumeration BillingIntervalUnits

Visual C++
public enum class BillingIntervalUnits
# Members

<table>
<thead>
<tr>
<th>Member name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Days</td>
<td></td>
</tr>
<tr>
<td>Months</td>
<td></td>
</tr>
</tbody>
</table>
See Also

AuthorizeNet Namespace

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CaptureRequest Class

Members See Also Send Feedback

A request representing a Capture - the final transfer of funds that happens after an auth.

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

**C#**

```csharp
public class CaptureRequest : GatewayRequest
```

**Visual Basic**

```vbnet
Public Class CaptureRequest
    Inherits GatewayRequest
```

**Visual C++**

```cpp
public ref class CaptureRequest : public GatewayRequest
```
Inheritance Hierarchy

System::Object
AuthorizeNet::GatewayRequest
AuthorizeNet::CaptureRequest
See Also

CaptureRequest Members
AuthorizeNet Namespace

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CaptureRequest Members

The `CaptureRequest` type exposes the following members.
## Constructors

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>CaptureRequest</td>
<td>Initializes a new instance of the CaptureRequest class.</td>
</tr>
</tbody>
</table>
# Methods

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>AddCardCode</td>
<td>The 3-digit Credit Card Code (CCV) on the back of the card (Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>AddCustomer</td>
<td>Adds a Customer record to the current request (Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>AddDuty(Decimal)</td>
<td>Adds a tax value to the request (Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>AddDuty(Decimal, String, String)</td>
<td>Adds a detailed tax value to the request (Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>AddFraudCheck()</td>
<td>This method will pull the user's IP address for use with FDS. Only valid for Web-based transactions. (Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>AddFraudCheck(String)</td>
<td>This method adds the required values for Fraud Detection Suite. Your merchant must sign up for this service with Authorize.Net (Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>AddFreight(Decimal)</td>
<td>Adds a tax value to the request (Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>AddFreight(Decimal, String, String)</td>
<td>Adds a detailed tax value to the request (Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>AddInvoice</td>
<td>Adds an InvoiceNumber to the request (Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>AddLineItem</td>
<td>Adds a line item to the current order (Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>AddMerchantValue</td>
<td>This is where you can add custom values to the request, which will be returned to you in the response (Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>AddShipping</td>
<td>Adds a Shipping Record to the current request (Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>Method</td>
<td>Description</td>
</tr>
<tr>
<td>--------</td>
<td>-------------</td>
</tr>
<tr>
<td>AddTax(Decimal)</td>
<td>Adds a tax value to the request (Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>AddTax(Decimal, String, String)</td>
<td>Adds a detailed tax value to the request (Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>Equals</td>
<td>Determines whether the specified Object is equal to the current Object. (Inherited from Object.)</td>
</tr>
<tr>
<td>Get</td>
<td>Gets the specified key from the request. (Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>GetHashCode</td>
<td>Serves as a hash function for a particular type. (Inherited from Object.)</td>
</tr>
<tr>
<td>GetType</td>
<td>Gets the Type of the current instance. (Inherited from Object.)</td>
</tr>
<tr>
<td>Queue</td>
<td>Queues the specified key into the request. (Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>ToPostString</td>
<td>Outputs the queue as a delimited, URL-safe string for sending to Authorize.net as a form POST (Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>ToString</td>
<td>Returns a String that represents the current Object. (Inherited from Object.)</td>
</tr>
</tbody>
</table>
### Properties

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Address</td>
<td>Gets or sets the address. (Inherited from <a href="#">GatewayRequest</a>)</td>
</tr>
<tr>
<td>AllowPartialAuth</td>
<td>Gets or sets the allow partial auth. (Inherited from <a href="#">GatewayRequest</a>)</td>
</tr>
<tr>
<td>Amount</td>
<td>Gets or sets the amount. (Inherited from <a href="#">GatewayRequest</a>)</td>
</tr>
<tr>
<td>ApiAction</td>
<td>(Inherited from <a href="#">GatewayRequest</a>)</td>
</tr>
<tr>
<td>AuthCode</td>
<td>Gets or sets the auth code. (Inherited from <a href="#">GatewayRequest</a>)</td>
</tr>
<tr>
<td>AuthenticationIndicator</td>
<td>Gets or sets the authentication indicator. (Inherited from <a href="#">GatewayRequest</a>)</td>
</tr>
<tr>
<td>BankABACode</td>
<td>Gets or sets the bank ABA code. (Inherited from <a href="#">GatewayRequest</a>)</td>
</tr>
<tr>
<td>BankAccountName</td>
<td>Gets or sets the name of the bank account. (Inherited from <a href="#">GatewayRequest</a>)</td>
</tr>
<tr>
<td>BankAccountNumber</td>
<td>Gets or sets the bank account number. (Inherited from <a href="#">GatewayRequest</a>)</td>
</tr>
<tr>
<td>BankAccountType</td>
<td>Gets or sets the type of the bank account. (Inherited from <a href="#">GatewayRequest</a>)</td>
</tr>
<tr>
<td>BankCheckNumber</td>
<td>Gets or sets the bank check number. (Inherited from <a href="#">GatewayRequest</a>)</td>
</tr>
<tr>
<td>BankName</td>
<td>Gets or sets the name of the bank. (Inherited from <a href="#">GatewayRequest</a>)</td>
</tr>
<tr>
<td>CardCode</td>
<td>Gets or sets the credit card code. (Inherited from <a href="#">GatewayRequest</a>)</td>
</tr>
<tr>
<td>CardholderAuthenticationValue</td>
<td>Gets or sets the cardholder authentication value. (Inherited from <a href="#">GatewayRequest</a>)</td>
</tr>
<tr>
<td>Property</td>
<td>Description</td>
</tr>
<tr>
<td>-------------------</td>
<td>------------------------------------------------------------------------------</td>
</tr>
<tr>
<td>CardNum</td>
<td>Gets or sets the credit card number.</td>
</tr>
<tr>
<td>City</td>
<td>Gets or sets the city.</td>
</tr>
<tr>
<td>Company</td>
<td>Gets or sets the company.</td>
</tr>
<tr>
<td>Country</td>
<td>Gets or sets the country.</td>
</tr>
<tr>
<td>CustId</td>
<td>Gets or sets the cust id.</td>
</tr>
<tr>
<td>CustomerIp</td>
<td>Gets or sets the customer ip.</td>
</tr>
<tr>
<td>DelimChar</td>
<td>Gets or sets the delim char.</td>
</tr>
<tr>
<td>DelimData</td>
<td>Gets or sets the delim data.</td>
</tr>
<tr>
<td>Description</td>
<td>Gets or sets the description.</td>
</tr>
<tr>
<td>DuplicateWindow</td>
<td>Gets or sets the duplicate window - the am.</td>
</tr>
<tr>
<td>Duty</td>
<td>Gets or sets the duty.</td>
</tr>
<tr>
<td>EcheckType</td>
<td>Gets or sets the type of the echeck.</td>
</tr>
<tr>
<td>Email</td>
<td>Gets or sets the email.</td>
</tr>
<tr>
<td>EmailCustomer</td>
<td>Gets or sets the email customer.</td>
</tr>
<tr>
<td>EncapChar</td>
<td>Gets or sets the encap char.</td>
</tr>
<tr>
<td>ExpDate</td>
<td>Gets or sets the exp date.</td>
</tr>
<tr>
<td>Fax</td>
<td>Gets or sets the fax.</td>
</tr>
<tr>
<td>FirstName</td>
<td>Gets or sets the first name.</td>
</tr>
</tbody>
</table>
FirstName (Inherited from [GatewayRequest].)  

FooterEmailReceipt  
(Gets or sets the footer email receipt. (Inherited from [GatewayRequest].))

Freight  
(Gets or sets the freight. (Inherited from [GatewayRequest].))

HeaderEmailReceipt  
(Gets or sets the header email receipt. (Inherited from [GatewayRequest].))

InvoiceNum  
(Gets or sets the invoice number. (Inherited from [GatewayRequest].))

LastName (Inherited from [GatewayRequest].)
<table>
<thead>
<tr>
<th>Property</th>
<th>Description</th>
<th>Inherited From</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>ShipToFirstName</strong></td>
<td>Gets or sets the last name of the ship to.</td>
<td>GatewayRequest</td>
</tr>
<tr>
<td><strong>ShipToLastName</strong></td>
<td>(Inherited from GatewayRequest.)</td>
<td></td>
</tr>
<tr>
<td><strong>ShipToState</strong></td>
<td>Gets or sets the state of the ship to.</td>
<td>GatewayRequest</td>
</tr>
<tr>
<td><strong>ShipToZip</strong></td>
<td>(Inherited from GatewayRequest.)</td>
<td></td>
</tr>
<tr>
<td><strong>SplitTenderId</strong></td>
<td>Gets or sets the split tender id.</td>
<td>GatewayRequest</td>
</tr>
<tr>
<td><strong>State</strong></td>
<td>(Inherited from GatewayRequest.)</td>
<td></td>
</tr>
<tr>
<td><strong>Tax</strong></td>
<td>Gets or sets the tax.</td>
<td>GatewayRequest</td>
</tr>
<tr>
<td><strong>TaxExempt</strong></td>
<td>(Inherited from GatewayRequest.)</td>
<td></td>
</tr>
<tr>
<td><strong>TestRequest</strong></td>
<td>Gets or sets the test request.</td>
<td>GatewayRequest</td>
</tr>
<tr>
<td><strong>TranKey</strong></td>
<td>(Inherited from GatewayRequest.)</td>
<td></td>
</tr>
<tr>
<td><strong>TransId</strong></td>
<td>Gets or sets the trans id.</td>
<td>GatewayRequest</td>
</tr>
<tr>
<td><strong>Type</strong></td>
<td>(Inherited from GatewayRequest.)</td>
<td></td>
</tr>
<tr>
<td><strong>Version</strong></td>
<td>Gets or sets the version.</td>
<td>GatewayRequest</td>
</tr>
<tr>
<td><strong>Zip</strong></td>
<td>(Inherited from GatewayRequest.)</td>
<td></td>
</tr>
</tbody>
</table>
See Also

CaptureRequest Class
AuthorizeNet Namespace

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CaptureRequest Constructor

Initializes a new instance of the `CaptureRequest` class.

**Namespace:** AuthorizeNet

**Assembly:** AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
## Syntax

**C#**

```csharp
public CaptureRequest(
    decimal amount,
    string transactionId,
    string authCode
)
```

**Visual Basic**

```vbnet
Public Sub New (_
    amount As Decimal, _
    transactionId As String, _
    authCode As String _
)
```

**Visual C++**

```cpp
public:
    CaptureRequest(
        Decimal amount,
        String^ transactionId,
        String^ authCode
    )
```

### Parameters

**amount**
- Type: `System::Decimal`
- The amount.

**transactionId**
- Type: `System::String`
- The transaction id.

**authCode**
- Type: `System::String`
The auth code.
See Also

CaptureRequest Class
AuthorizeNet Namespace

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CaptureRequest Methods

The CaptureRequest type exposes the following members.
### Methods

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>AddCardCode</td>
<td>The 3-digit Credit Card Code (CCV) on the back of the card</td>
</tr>
<tr>
<td>AddCustomer</td>
<td>Adds a Customer record to the current request (Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>AddDuty(Decimal)</td>
<td>Adds a tax value to the request (Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>AddDuty(Decimal, String, String)</td>
<td>Adds a detailed tax value to the request (Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>AddFraudCheck()</td>
<td>This method will pull the user's IP address for use with FDS. Only valid for Web-based transactions. (Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>AddFraudCheck(String)</td>
<td>This method adds the required values for Fraud Detection Suite. Your merchant must sign up for this service with Authorize.Net (Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>AddFreight(Decimal)</td>
<td>Adds a tax value to the request (Inherited from GatewayRequest.)</td>
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<tr>
<td>AddFreight(Decimal, String, String)</td>
<td>Adds a detailed tax value to the request (Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>AddInvoice</td>
<td>Adds an InvoiceNumber to the request (Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>AddLineItem</td>
<td>Adds a line item to the current order (Inherited from GatewayRequest.)</td>
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<tr>
<td>AddMerchantValue</td>
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<td>AddShipping</td>
<td>Adds a Shipping Record to the current request (Inherited from GatewayRequest.)</td>
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<td>Method</td>
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<td>--------</td>
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</tr>
<tr>
<td>AddTax(Decimal)</td>
<td>Adds a tax value to the request (Inherited from <code>GatewayRequest</code>.)</td>
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<td>AddTax(Decimal, String, String)</td>
<td>Adds a detailed tax value to the request (Inherited from <code>GatewayRequest</code>.)</td>
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<td>Equals</td>
<td>Determines whether the specified <code>Object</code> is equal to the current <code>Object</code>. (Inherited from <code>Object</code>.)</td>
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<td>GetHashCode</td>
<td>Serves as a hash function for a particular type. (Inherited from <code>Object</code>.)</td>
</tr>
<tr>
<td>GetType</td>
<td>Gets the <code>Type</code> of the current instance. (Inherited from <code>Object</code>.)</td>
</tr>
<tr>
<td>Queue</td>
<td>Queues the specified key into the request. (Inherited from <code>GatewayRequest</code>.)</td>
</tr>
<tr>
<td>ToPostString</td>
<td>Outputs the queue as a delimited, URL-safe string for sending to Authorize.net as a form POST (Inherited from <code>GatewayRequest</code>.)</td>
</tr>
<tr>
<td>ToString</td>
<td>Returns a <code>String</code> that represents the current <code>Object</code>. (Inherited from <code>Object</code>.)</td>
</tr>
</tbody>
</table>
See Also

CaptureRequest Class
AuthorizeNet Namespace

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CaptureRequest..AddDuty Method

CaptureRequest Class See Also Send Feedback
# Overload List

<table>
<thead>
<tr>
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See Also

CaptureRequest Class
CaptureRequest Members
AuthorizeNet Namespace

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CaptureRequest.AddFraudCheck Method

CaptureRequest Class See Also Send Feedback
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</tr>
</tbody>
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See Also

CaptureRequest Class
CaptureRequest Members
AuthorizeNet Namespace

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CaptureRequest.....AddFreight Method

CaptureRequest Class See Also Send Feedback
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<td>Adds a tax value to the request (Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>AddFreight(Decimal, String, String)</td>
<td>Adds a detailed tax value to the request (Inherited from GatewayRequest.)</td>
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See Also

CaptureRequest Class
CaptureRequest Members
AuthorizeNet Namespace

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A .NET Library aimed at helping you get up to speed quickly with Authorize.NET CaptureRequest...AddTax Method

CaptureRequest Class  See Also  Send Feedback
## Overload List

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<tr>
<td>AddTax(Decimal, String, String)</td>
<td>Adds a detailed tax value to the request (Inherited from GatewayRequest.)</td>
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</tbody>
</table>
See Also

CaptureRequest Class
CaptureRequest Members
AuthorizeNet Namespace

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CaptureRequest Properties

The `CaptureRequest` type exposes the following members.
## Properties

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
<th>Inherited From</th>
</tr>
</thead>
<tbody>
<tr>
<td>Address</td>
<td>Gets or sets the address.</td>
<td><a href="#">GatewayRequest</a></td>
</tr>
<tr>
<td>AllowPartialAuth</td>
<td>Gets or sets the allow partial auth.</td>
<td><a href="#">GatewayRequest</a></td>
</tr>
<tr>
<td>Amount</td>
<td>Gets or sets the amount.</td>
<td><a href="#">GatewayRequest</a></td>
</tr>
<tr>
<td>ApiAction</td>
<td></td>
<td><a href="#">GatewayRequest</a></td>
</tr>
<tr>
<td>AuthCode</td>
<td>Gets or sets the auth code.</td>
<td><a href="#">GatewayRequest</a></td>
</tr>
<tr>
<td>AuthenticationIndicator</td>
<td>Gets or sets the authentication indicator.</td>
<td><a href="#">GatewayRequest</a></td>
</tr>
<tr>
<td>BankABACode</td>
<td>Gets or sets the bank ABA code.</td>
<td><a href="#">GatewayRequest</a></td>
</tr>
<tr>
<td>BankAccountName</td>
<td>Gets or sets the name of the bank account.</td>
<td><a href="#">GatewayRequest</a></td>
</tr>
<tr>
<td>BankAccountNumber</td>
<td>Gets or sets the bank account number.</td>
<td><a href="#">GatewayRequest</a></td>
</tr>
<tr>
<td>BankAccountType</td>
<td>Gets or sets the type of the bank account.</td>
<td><a href="#">GatewayRequest</a></td>
</tr>
<tr>
<td>BankCheckNumber</td>
<td>Gets or sets the bank check number.</td>
<td><a href="#">GatewayRequest</a></td>
</tr>
<tr>
<td>BankName</td>
<td>Gets or sets the name of the bank.</td>
<td><a href="#">GatewayRequest</a></td>
</tr>
<tr>
<td>CardCode</td>
<td>Gets or sets the credit card code.</td>
<td><a href="#">GatewayRequest</a></td>
</tr>
<tr>
<td>CardholderAuthenticationValue</td>
<td>Gets or sets the cardholder authentication value.</td>
<td><a href="#">GatewayRequest</a></td>
</tr>
<tr>
<td>Property</td>
<td>Description</td>
<td>Inherited From</td>
</tr>
<tr>
<td>--------------</td>
<td>-----------------------------------------------------------------------------------------------</td>
<td>-------------------------</td>
</tr>
<tr>
<td>CardNum</td>
<td>Gets or sets the credit card number.</td>
<td>GatewayRequest</td>
</tr>
<tr>
<td>City</td>
<td>Gets or sets the city.</td>
<td>GatewayRequest</td>
</tr>
<tr>
<td>Company</td>
<td>Gets or sets the company.</td>
<td>GatewayRequest</td>
</tr>
<tr>
<td>Country</td>
<td>Gets or sets the country.</td>
<td>GatewayRequest</td>
</tr>
<tr>
<td>CustId</td>
<td>Gets or sets the cust id.</td>
<td>GatewayRequest</td>
</tr>
<tr>
<td>CustomerIp</td>
<td>Gets or sets the customer ip.</td>
<td>GatewayRequest</td>
</tr>
<tr>
<td>DelimChar</td>
<td>Gets or sets the delim char.</td>
<td>GatewayRequest</td>
</tr>
<tr>
<td>DelimData</td>
<td>Gets or sets the delim data.</td>
<td>GatewayRequest</td>
</tr>
<tr>
<td>Description</td>
<td>Gets or sets the description.</td>
<td>GatewayRequest</td>
</tr>
<tr>
<td>DuplicateWindow</td>
<td>Gets or sets the duplicate window - the am.</td>
<td>GatewayRequest</td>
</tr>
<tr>
<td>Duty</td>
<td>Gets or sets the duty.</td>
<td>GatewayRequest</td>
</tr>
<tr>
<td>EcheckType</td>
<td>Gets or sets the type of the echeck.</td>
<td>GatewayRequest</td>
</tr>
<tr>
<td>Email</td>
<td>Gets or sets the email.</td>
<td>GatewayRequest</td>
</tr>
<tr>
<td>EmailCustomer</td>
<td>Gets or sets the email customer.</td>
<td>GatewayRequest</td>
</tr>
<tr>
<td>EncapChar</td>
<td>Gets or sets the encap char.</td>
<td>GatewayRequest</td>
</tr>
<tr>
<td>ExpDate</td>
<td>Gets or sets the exp date.</td>
<td>GatewayRequest</td>
</tr>
<tr>
<td>Fax</td>
<td>Gets or sets the fax.</td>
<td>GatewayRequest</td>
</tr>
<tr>
<td></td>
<td>Gets or sets the first name.</td>
<td></td>
</tr>
<tr>
<td>Property</td>
<td>Description</td>
<td></td>
</tr>
<tr>
<td>-----------------------</td>
<td>-----------------------------------------------------------------------------</td>
<td></td>
</tr>
<tr>
<td><strong>FirstName</strong></td>
<td>Gets or sets the first name of the ship</td>
<td></td>
</tr>
<tr>
<td><strong>FooterEmailReceipt</strong></td>
<td>Gets or sets the footer email receipt.</td>
<td></td>
</tr>
<tr>
<td><strong>Freight</strong></td>
<td>Gets or sets the freight.</td>
<td></td>
</tr>
<tr>
<td><strong>HeaderEmailReceipt</strong></td>
<td>Gets or sets the header email receipt.</td>
<td></td>
</tr>
<tr>
<td><strong>InvoiceNum</strong></td>
<td>Gets or sets the invoice number.</td>
<td></td>
</tr>
<tr>
<td><strong>LastName</strong></td>
<td>Gets or sets the last name.</td>
<td></td>
</tr>
<tr>
<td><strong>LineItem</strong></td>
<td>Gets or sets the line item.</td>
<td></td>
</tr>
<tr>
<td><strong>Login</strong></td>
<td>Gets or sets the login.</td>
<td></td>
</tr>
<tr>
<td><strong>Method</strong></td>
<td>Gets or sets the method</td>
<td></td>
</tr>
<tr>
<td><strong>Phone</strong></td>
<td>Gets or sets the phone</td>
<td></td>
</tr>
<tr>
<td><strong>PoNum</strong></td>
<td>Gets or sets the po number</td>
<td></td>
</tr>
<tr>
<td><strong>Post</strong></td>
<td>(Inherited from GatewayRequest.)</td>
<td></td>
</tr>
<tr>
<td><strong>RecurringBilling</strong></td>
<td>Gets or sets the recurring billing.</td>
<td></td>
</tr>
<tr>
<td><strong>RelayResponse</strong></td>
<td>Gets or sets the relay response.</td>
<td></td>
</tr>
<tr>
<td><strong>ShipToAddress</strong></td>
<td>Gets or sets the ship to address.</td>
<td></td>
</tr>
<tr>
<td><strong>ShipToCity</strong></td>
<td>Gets or sets the ship to city.</td>
<td></td>
</tr>
<tr>
<td><strong>ShipToCompany</strong></td>
<td>Gets or sets the ship to company.</td>
<td></td>
</tr>
<tr>
<td><strong>ShipToCountry</strong></td>
<td>Gets or sets the ship to country.</td>
<td></td>
</tr>
<tr>
<td>Property</td>
<td>Description</td>
<td>Inheritance</td>
</tr>
<tr>
<td>---------------------</td>
<td>-----------------------------------------------------------------------------</td>
<td>--------------------------------------------------</td>
</tr>
<tr>
<td>ShipToFirstName</td>
<td>Gets or sets the last name of the ship to.</td>
<td>(Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>ShipToLastName</td>
<td></td>
<td>(Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>ShipToState</td>
<td>Gets or sets the state of the ship to.</td>
<td>(Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>ShipToZip</td>
<td>Gets or sets the ship to zip.</td>
<td>(Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>SplitTenderId</td>
<td>Gets or sets the split tender id.</td>
<td>(Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>State</td>
<td>Gets or sets the state.</td>
<td>(Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>Tax</td>
<td>Gets or sets the tax.</td>
<td>(Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>TaxExempt</td>
<td>Gets or sets the tax exempt.</td>
<td>(Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>TestRequest</td>
<td>Gets or sets the test request.</td>
<td>(Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>TranKey</td>
<td>Gets or sets the tran key.</td>
<td>(Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>TransId</td>
<td>Gets or sets the trans id.</td>
<td>(Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>Type</td>
<td>Gets or sets the type.</td>
<td>(Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>Version</td>
<td>Gets or sets the version.</td>
<td>(Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>Zip</td>
<td>Gets or sets the zip.</td>
<td>(Inherited from GatewayRequest.)</td>
</tr>
</tbody>
</table>
See Also

CaptureRequest Class
AuthorizeNet Namespace

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CardPresentAuthorizationRequest Class

**Namespace:** AuthorizeNet
**Assembly:** AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
## Syntax

### C#

```csharp
public class CardPresentAuthorizationRequest : GatewayRequest
```

### Visual Basic

```vbnet
Public Class CardPresentAuthorizationRequest
    Inherits GatewayRequest
```

### Visual C++

```cpp
public ref class CardPresentAuthorizationRequest : public GatewayRequest
```
Inheritance Hierarchy

`System..:::Object`
`AuthorizeNet..:::GatewayRequest`
`AuthorizeNet..:::CardPresentAuthorizationRequest`
`AuthorizeNet..:::CardPresentAuthorizeAndCaptureRequest`
See Also

CardPresentAuthorizationRequest
Members
AuthorizeNet Namespace

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The `CardPresentAuthorizationRequest` type exposes the following members.
## Constructors

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td><code>CardPresentAuthorizationRequest(Decimal, String, String, String)</code></td>
<td>Initializes a new instance of the <code>CardPresentAuthorizationRequest</code> class.</td>
</tr>
</tbody>
</table>
## Methods

<table>
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<tr>
<th>Name</th>
<th>Description</th>
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<td>The 3-digit Credit Card Code (CCV) on the back of the card (Inherited from GatewayRequest.)</td>
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<td>Adds a Customer record to the current request (Inherited from GatewayRequest.)</td>
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<td>Adds a tax value to the request (Inherited from GatewayRequest.)</td>
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<td>AddShipping</td>
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<tr>
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</tr>
<tr>
<td>ToPostString</td>
<td>Outputs the queue as a delimited, URL-safe string for sending to Authorize.net as a form POST (Inherited from GatewayRequest.)</td>
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<tr>
<td>ToString</td>
<td>Returns a String that represents the current Object. (Inherited from Object.)</td>
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</table>
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</tr>
<tr>
<td>AllowPartialAuth</td>
<td>Gets or sets the allow partial auth. (Inherited from <a href="#">GatewayRequest</a>.)</td>
</tr>
<tr>
<td>Amount</td>
<td>Gets or sets the amount. (Inherited from <a href="#">GatewayRequest</a>.)</td>
</tr>
<tr>
<td>ApiAction</td>
<td>(Inherited from <a href="#">GatewayRequest</a>.)</td>
</tr>
<tr>
<td>AuthCode</td>
<td>Gets or sets the auth code. (Inherited from <a href="#">GatewayRequest</a>.)</td>
</tr>
<tr>
<td>AuthenticationIndicator</td>
<td>Gets or sets the authentication indicator. (Inherited from <a href="#">GatewayRequest</a>.)</td>
</tr>
<tr>
<td>BankABACode</td>
<td>Gets or sets the bank ABA code. (Inherited from <a href="#">GatewayRequest</a>.)</td>
</tr>
<tr>
<td>BankAccountName</td>
<td>Gets or sets the name of the bank account. (Inherited from <a href="#">GatewayRequest</a>.)</td>
</tr>
<tr>
<td>BankAccountNumber</td>
<td>Gets or sets the bank account number. (Inherited from <a href="#">GatewayRequest</a>.)</td>
</tr>
<tr>
<td>BankAccountType</td>
<td>Gets or sets the type of the bank account. (Inherited from <a href="#">GatewayRequest</a>.)</td>
</tr>
<tr>
<td>BankCheckNumber</td>
<td>Gets or sets the bank check number. (Inherited from <a href="#">GatewayRequest</a>.)</td>
</tr>
<tr>
<td>BankName</td>
<td>Gets or sets the name of the bank. (Inherited from <a href="#">GatewayRequest</a>.)</td>
</tr>
<tr>
<td>CardCode</td>
<td>Gets or sets the credit card code. (Inherited from <a href="#">GatewayRequest</a>.)</td>
</tr>
<tr>
<td>CardholderAuthenticationValue</td>
<td>Gets or sets the cardholder authentication value. (Inherited from <a href="#">GatewayRequest</a>.)</td>
</tr>
<tr>
<td>Property</td>
<td>Description</td>
</tr>
<tr>
<td>------------</td>
<td>--------------------------------------------------</td>
</tr>
<tr>
<td>CardNum</td>
<td>Gets or sets the credit card number.</td>
</tr>
<tr>
<td>City</td>
<td>Gets or sets the city.</td>
</tr>
<tr>
<td>Company</td>
<td>Gets or sets the company.</td>
</tr>
<tr>
<td>Country</td>
<td>Gets or sets the country.</td>
</tr>
<tr>
<td>CustId</td>
<td>Gets or sets the cust id.</td>
</tr>
<tr>
<td>CustomerIp</td>
<td>Gets or sets the customer ip.</td>
</tr>
<tr>
<td>DelimChar</td>
<td>Gets or sets the delim char.</td>
</tr>
<tr>
<td>DelimData</td>
<td>Gets or sets the delim data.</td>
</tr>
<tr>
<td>Description</td>
<td>Gets or sets the description.</td>
</tr>
<tr>
<td>DuplicateWindow</td>
<td>Gets or sets the duplicate window - the am.</td>
</tr>
<tr>
<td>Duty</td>
<td>Gets or sets the duty.</td>
</tr>
<tr>
<td>EcheckType</td>
<td>Gets or sets the type of the echeck.</td>
</tr>
<tr>
<td>Email</td>
<td>Gets or sets the email.</td>
</tr>
<tr>
<td>EmailCustomer</td>
<td>Gets or sets the email customer.</td>
</tr>
<tr>
<td>EncapChar</td>
<td>Gets or sets the encap char.</td>
</tr>
<tr>
<td>ExpDate</td>
<td>Gets or sets the exp date.</td>
</tr>
<tr>
<td>Fax</td>
<td>Gets or sets the fax.</td>
</tr>
<tr>
<td>Firstname</td>
<td>Gets or sets the first name.</td>
</tr>
<tr>
<td>Property</td>
<td>Description</td>
</tr>
<tr>
<td>-------------------------------</td>
<td>-----------------------------------------------------------------------------</td>
</tr>
<tr>
<td>FirstName</td>
<td>Gets or sets the first name of the ship</td>
</tr>
<tr>
<td>FooterEmailReceipt</td>
<td>Gets or sets the footer email receipt.</td>
</tr>
<tr>
<td>Freight</td>
<td>Gets or sets the freight.</td>
</tr>
<tr>
<td>HeaderEmailReceipt</td>
<td>Gets or sets the header email receipt.</td>
</tr>
<tr>
<td>InvoiceNum</td>
<td>Gets or sets the invoice num.</td>
</tr>
<tr>
<td>LastName</td>
<td>Gets or sets the last name.</td>
</tr>
<tr>
<td>LineItem</td>
<td>Gets or sets the line item.</td>
</tr>
<tr>
<td>Login</td>
<td>Gets or sets the login.</td>
</tr>
<tr>
<td>Method</td>
<td>Gets or sets the method.</td>
</tr>
<tr>
<td>Phone</td>
<td>Gets or sets the phone.</td>
</tr>
<tr>
<td>PoNum</td>
<td>Gets or sets the po number.</td>
</tr>
<tr>
<td>Post</td>
<td>(Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>RecurringBilling</td>
<td>Gets or sets the recurring billing.</td>
</tr>
<tr>
<td>RelayResponse</td>
<td>Gets or sets the relay response.</td>
</tr>
<tr>
<td>ShipToAddress</td>
<td>Gets or sets the ship to address.</td>
</tr>
<tr>
<td>ShipToCity</td>
<td>Gets or sets the ship to city.</td>
</tr>
<tr>
<td>ShipToCompany</td>
<td>Gets or sets the ship to company.</td>
</tr>
<tr>
<td>ShipToCountry</td>
<td>Gets or sets the ship to country.</td>
</tr>
<tr>
<td>Property</td>
<td>Description</td>
</tr>
<tr>
<td>-----------------</td>
<td>-----------------------------------------------------------------------------</td>
</tr>
<tr>
<td>ShipToFirstName</td>
<td>Gets or sets the last name of the ship to.</td>
</tr>
<tr>
<td>ShipToLastName</td>
<td>(Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>ShipToState</td>
<td>Gets or sets the state of the ship to.</td>
</tr>
<tr>
<td>ShipToZip</td>
<td>Gets or sets the ship to zip.</td>
</tr>
<tr>
<td>SplitTenderId</td>
<td>Gets or sets the split tender id.</td>
</tr>
<tr>
<td>State</td>
<td>Gets or sets the state.</td>
</tr>
<tr>
<td>Tax</td>
<td>Gets or sets the tax.</td>
</tr>
<tr>
<td>TaxExempt</td>
<td>Gets or sets the tax exempt.</td>
</tr>
<tr>
<td>TestRequest</td>
<td>Gets or sets the test request.</td>
</tr>
<tr>
<td>TranKey</td>
<td>Gets or sets the tran key.</td>
</tr>
<tr>
<td>TransId</td>
<td>Gets or sets the trans id.</td>
</tr>
<tr>
<td>Type</td>
<td>Gets or sets the type.</td>
</tr>
<tr>
<td>Version</td>
<td>Gets or sets the version.</td>
</tr>
<tr>
<td>Zip</td>
<td>Gets or sets the zip.</td>
</tr>
</tbody>
</table>
See Also

CardPresentAuthorizationRequest Class
AuthorizeNet Namespace

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CardPresentAuthorizationRequest Constructor

CardPresentAuthorizationRequest Class See Also Send Feedback
<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>CardPresentAuthorizationRequest(Decimal, String, String, String)</td>
<td>Initializes a new instance of the CardPresentAuthorizationRequest class.</td>
</tr>
</tbody>
</table>
See Also

CardPresentAuthorizationRequest Class
CardPresentAuthorizationRequest Members
AuthorizeNet Namespace

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Authorize.NET

CardPresentAuthorizationRequest Constructor (Decimal, String, String)

CardPresentAuthorizationRequest Class

See Also

Send Feedback

Initializes a new instance of the CardPresentAuthorizationRequest class using track data from a card reader.

Namespace: AuthorizeNet

Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

C#

public CardPresentAuthorizationRequest(
    decimal amount,
    string track1,
    string track2
)

Visual Basic

Public Sub New (_
    amount As Decimal, _
    track1 As String, _
    track2 As String _
)

Visual C++

public:
CardPresentAuthorizationRequest(
    Decimal amount,
    String^ track1,
    String^ track2
)

Parameters

amount
   Type: System:::Decimal
   The amount.

track1
   Type: System:::String
   The track1 data.

track2
   Type: System:::String
The track2 data.
See Also

CardPresentAuthorizationRequest Class
CardPresentAuthorizationRequest Overload
AuthorizeNet Namespace

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CardPresentAuthorizationRequest Constructor (Decimal, String, String, String)

Initializes a new instance of the CardPresentAuthorizationRequest class.

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

C#

public CardPresentAuthorizationRequest(  
decimal amount,  
string cardNumber,  
string expirationMonth,  
string expirationYear  
)

Visual Basic

Public Sub New (  
amount As Decimal,  
cardNumber As String,  
expirationMonth As String,  
expirationYear As String  
)

Visual C++

public:  
CardPresentAuthorizationRequest(  
Decimal amount,  
String cardNumber,  
String expirationMonth,  
String expirationYear  
)

Parameters

amount
Type: System:::Decimal
The amount.

cardNumber
Type: System:::String
The card number.
expirationMonth
  Type: System...String
  The expiration month.

expirationYear
  Type: System...String
  The expiration year.
See Also

CardPresentAuthorizationRequest Class
CardPresentAuthorizationRequest Overload
AuthorizeNet Namespace

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CardPresentAuthorizationRequest Methods

The [CardPresentAuthorizationRequest](#) type exposes the following members.
<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>AddCardCode</td>
<td>The 3-digit Credit Card Code (CCV) on the back of the card (Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>AddCustomer</td>
<td>Adds a Customer record to the current request (Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>AddDuty(Decimal)</td>
<td>Adds a tax value to the request (Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>AddDuty(Decimal, String, String)</td>
<td>Adds a detailed tax value to the request (Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>AddFraudCheck</td>
<td>This method will pull the user's IP address for use with FDS. Only valid for Web-based transactions. (Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>AddFraudCheck(String)</td>
<td>This method adds the required values for Fraud Detection Suite. Your merchant must sign up for this service with Authorize.Net (Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>AddFreight(Decimal)</td>
<td>Adds a tax value to the request (Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>AddFreight(Decimal, String, String)</td>
<td>Adds a detailed tax value to the request (Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>AddInvoice</td>
<td>Adds an InvoiceNumber to the request (Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>AddLineItem</td>
<td>Adds a line item to the current order (Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>AddMerchantValue</td>
<td>This is where you can add custom values to the request, which will be returned to you in the response (Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>AddShipping</td>
<td>Adds a Shipping Record to the current request (Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>Method</td>
<td>Description</td>
</tr>
<tr>
<td>--------</td>
<td>-------------</td>
</tr>
<tr>
<td>AddTax(Decimal)</td>
<td>Adds a tax value to the request (Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>AddTax(Decimal, String, String)</td>
<td>Adds a detailed tax value to the request (Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>Equals</td>
<td>Determines whether the specified Object is equal to the current Object. (Inherited from Object.)</td>
</tr>
<tr>
<td>Get</td>
<td>Gets the specified key from the request. (Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>GetHashCode</td>
<td>Serves as a hash function for a particular type. (Inherited from Object.)</td>
</tr>
<tr>
<td>GetType</td>
<td>Gets the Type of the current instance. (Inherited from Object.)</td>
</tr>
<tr>
<td>Queue</td>
<td>Queues the specified key into the request. (Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>ToPostString</td>
<td>Outputs the queue as a delimited, URL-safe string for sending to Authorize.net as a form POST (Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>ToString</td>
<td>Returns a String that represents the current Object. (Inherited from Object.)</td>
</tr>
</tbody>
</table>
See Also

CardPresentAuthorizationRequest Class
AuthorizeNet Namespace

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CardPresentAuthorizationRequest...AddDuty Method
CardPresentAuthorizationRequest Class  See Also  Send Feedback
### Overload List

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>AddDuty(Decimal)</td>
<td>Adds a tax value to the request (Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>AddDuty(Decimal, String, String)</td>
<td>Adds a detailed tax value to the request (Inherited from GatewayRequest.)</td>
</tr>
</tbody>
</table>
See Also

CardPresentAuthorizationRequest Class
CardPresentAuthorizationRequest Members
AuthorizeNet Namespace

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CardPresentAuthorizationRequest<br>..AddFraudCheck Method

CardPresentAuthorizationRequest Class  See Also  Send Feedback
## Overload List

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td><img src="image1" alt="AddFraudCheck()" /></td>
<td>This method will pull the user's IP address for use with FDS. Only valid for Web-based transactions. (Inherited from <a href="#">GatewayRequest</a>.)</td>
</tr>
<tr>
<td><img src="image2" alt="AddFraudCheck(String)" /></td>
<td>This method adds the required values for Fraud Detection Suite. Your merchant must sign up for this service with Authorize.Net. (Inherited from <a href="#">GatewayRequest</a>.)</td>
</tr>
</tbody>
</table>
See Also

CardPresentAuthorizationRequest Class
CardPresentAuthorizationRequest Members
AuthorizeNet Namespace

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A .NET Library aimed at helping you get up to speed quickly with Authorize.NET CardPresentAuthorizationRequest...AddFreight Method

CardPresentAuthorizationRequest Class  See Also  Send Feedback
## Overload List

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td><code>AddFreight(Decimal)</code></td>
<td>Adds a tax value to the request (Inherited from <code>GatewayRequest</code>.)</td>
</tr>
<tr>
<td><code>AddFreight(Decimal, String, String)</code></td>
<td>Adds a detailed tax value to the request (Inherited from <code>GatewayRequest</code>.)</td>
</tr>
</tbody>
</table>
See Also

CardPresentAuthorizationRequest Class
CardPresentAuthorizationRequest Members
AuthorizeNet Namespace

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CardPresentAuthorizationRequest...AddTax Method
CardPresentAuthorizationRequest Class See Also Send Feedback
## Overload List

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>AddTax(Decimal)</td>
<td>Adds a tax value to the request (Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>AddTax(Decimal, String, String)</td>
<td>Adds a detailed tax value to the request (Inherited from GatewayRequest.)</td>
</tr>
</tbody>
</table>
See Also

CardPresentAuthorizationRequest Class
CardPresentAuthorizationRequest Members
AuthorizeNet Namespace

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CardPresentAuthorizationRequest Properties

The CardPresentAuthorizationRequest type exposes the following members.
### Properties

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Address</strong></td>
<td>Gets or sets the address.</td>
<td>(Inherited from <a href="#">GatewayRequest</a>.)</td>
</tr>
<tr>
<td><strong>AllowPartialAuth</strong></td>
<td>Gets or sets the allow partial auth.</td>
<td>(Inherited from <a href="#">GatewayRequest</a>.)</td>
</tr>
<tr>
<td><strong>Amount</strong></td>
<td>Gets or sets the amount.</td>
<td>(Inherited from <a href="#">GatewayRequest</a>.)</td>
</tr>
<tr>
<td><strong>ApiAction</strong></td>
<td>(Inherited from <a href="#">GatewayRequest</a>.)</td>
<td></td>
</tr>
<tr>
<td><strong>AuthCode</strong></td>
<td>Gets or sets the auth code.</td>
<td>(Inherited from <a href="#">GatewayRequest</a>.)</td>
</tr>
<tr>
<td><strong>AuthenticationIndicator</strong></td>
<td>Gets or sets the authentication indicator.</td>
<td>(Inherited from <a href="#">GatewayRequest</a>.)</td>
</tr>
<tr>
<td><strong>BankABACode</strong></td>
<td>Gets or sets the bank ABA code.</td>
<td>(Inherited from <a href="#">GatewayRequest</a>.)</td>
</tr>
<tr>
<td><strong>BankAccountName</strong></td>
<td>Gets or sets the name of the bank account.</td>
<td>(Inherited from <a href="#">GatewayRequest</a>.)</td>
</tr>
<tr>
<td><strong>BankAccountNumber</strong></td>
<td>Gets or sets the bank account number.</td>
<td>(Inherited from <a href="#">GatewayRequest</a>.)</td>
</tr>
<tr>
<td><strong>BankAccountType</strong></td>
<td>Gets or sets the type of the bank account.</td>
<td>(Inherited from <a href="#">GatewayRequest</a>.)</td>
</tr>
<tr>
<td><strong>BankCheckNumber</strong></td>
<td>Gets or sets the bank check number.</td>
<td>(Inherited from <a href="#">GatewayRequest</a>.)</td>
</tr>
<tr>
<td><strong>BankName</strong></td>
<td>Gets or sets the name of the bank.</td>
<td>(Inherited from <a href="#">GatewayRequest</a>.)</td>
</tr>
<tr>
<td><strong>CardCode</strong></td>
<td>Gets or sets the credit card code.</td>
<td>(Inherited from <a href="#">GatewayRequest</a>.)</td>
</tr>
<tr>
<td><strong>CardholderAuthenticationValue</strong></td>
<td>Gets or sets the cardholder authentication value.</td>
<td>(Inherited from <a href="#">GatewayRequest</a>.)</td>
</tr>
<tr>
<td><strong>CardNum</strong></td>
<td>Gets or sets the credit card number. (Inherited from GatewayRequest.)</td>
<td></td>
</tr>
<tr>
<td><strong>City</strong></td>
<td>Gets or sets the city. (Inherited from GatewayRequest.)</td>
<td></td>
</tr>
<tr>
<td><strong>Company</strong></td>
<td>Gets or sets the company. (Inherited from GatewayRequest.)</td>
<td></td>
</tr>
<tr>
<td><strong>Country</strong></td>
<td>Gets or sets the country. (Inherited from GatewayRequest.)</td>
<td></td>
</tr>
<tr>
<td><strong>CustId</strong></td>
<td>Gets or sets the cust id. (Inherited from GatewayRequest.)</td>
<td></td>
</tr>
<tr>
<td><strong>CustomerIp</strong></td>
<td>Gets or sets the customer ip. (Inherited from GatewayRequest.)</td>
<td></td>
</tr>
<tr>
<td><strong>DelimChar</strong></td>
<td>Gets or sets the delim char. (Inherited from GatewayRequest.)</td>
<td></td>
</tr>
<tr>
<td><strong>DelimData</strong></td>
<td>Gets or sets the delim data. (Inherited from GatewayRequest.)</td>
<td></td>
</tr>
<tr>
<td><strong>Description</strong></td>
<td>Gets or sets the description. (Inherited from GatewayRequest.)</td>
<td></td>
</tr>
<tr>
<td><strong>DuplicateWindow</strong></td>
<td>Gets or sets the duplicate window - the am. (Inherited from GatewayRequest.)</td>
<td></td>
</tr>
<tr>
<td><strong>Duty</strong></td>
<td>Gets or sets the duty. (Inherited from GatewayRequest.)</td>
<td></td>
</tr>
<tr>
<td><strong>EcheckType</strong></td>
<td>Gets or sets the type of the echeck. (Inherited from GatewayRequest.)</td>
<td></td>
</tr>
<tr>
<td><strong>Email</strong></td>
<td>Gets or sets the email. (Inherited from GatewayRequest.)</td>
<td></td>
</tr>
<tr>
<td><strong>EmailCustomer</strong></td>
<td>Gets or sets the email customer. (Inherited from GatewayRequest.)</td>
<td></td>
</tr>
<tr>
<td><strong>EncapChar</strong></td>
<td>Gets or sets the encap char. (Inherited from GatewayRequest.)</td>
<td></td>
</tr>
<tr>
<td><strong>ExpDate</strong></td>
<td>Gets or sets the exp date. (Inherited from GatewayRequest.)</td>
<td></td>
</tr>
<tr>
<td><strong>Fax</strong></td>
<td>Gets or sets the fax. (Inherited from GatewayRequest.)</td>
<td></td>
</tr>
<tr>
<td><strong>Get or sets the first name.</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Property</td>
<td>Description</td>
<td>Inherited From</td>
</tr>
<tr>
<td>------------------------</td>
<td>------------------------------------------------------------------</td>
<td>-------------------------</td>
</tr>
<tr>
<td>FirstName</td>
<td>Gets or sets the first name of the ship</td>
<td>GatewayRequest</td>
</tr>
<tr>
<td>FooterEmailReceipt</td>
<td>Gets or sets the footer email receipt.</td>
<td>GatewayRequest</td>
</tr>
<tr>
<td>Freight</td>
<td>Gets or sets the freight</td>
<td>GatewayRequest</td>
</tr>
<tr>
<td>HeaderEmailReceipt</td>
<td>Gets or sets the header email receipt.</td>
<td>GatewayRequest</td>
</tr>
<tr>
<td>InvoiceNum</td>
<td>Gets or sets the invoice num.</td>
<td>GatewayRequest</td>
</tr>
<tr>
<td>LastName</td>
<td>Gets or sets the last name.</td>
<td>GatewayRequest</td>
</tr>
<tr>
<td>LineItem</td>
<td>Gets or sets the line item.</td>
<td>GatewayRequest</td>
</tr>
<tr>
<td>Login</td>
<td>Gets or sets the login.</td>
<td>GatewayRequest</td>
</tr>
<tr>
<td>Method</td>
<td>Gets or sets the method.</td>
<td>GatewayRequest</td>
</tr>
<tr>
<td>Phone</td>
<td>Gets or sets the phone.</td>
<td>GatewayRequest</td>
</tr>
<tr>
<td>PoNum</td>
<td>Gets or sets the po number.</td>
<td>GatewayRequest</td>
</tr>
<tr>
<td>Post</td>
<td></td>
<td>GatewayRequest</td>
</tr>
<tr>
<td>RecurringBilling</td>
<td>Gets or sets the recurring billing.</td>
<td>GatewayRequest</td>
</tr>
<tr>
<td>RelayResponse</td>
<td>Gets or sets the relay response.</td>
<td>GatewayRequest</td>
</tr>
<tr>
<td>ShipToAddress</td>
<td>Gets or sets the ship to address.</td>
<td>GatewayRequest</td>
</tr>
<tr>
<td>ShipToCity</td>
<td>Gets or sets the ship to city.</td>
<td>GatewayRequest</td>
</tr>
<tr>
<td>ShipToCompany</td>
<td>Gets or sets the ship to company.</td>
<td>GatewayRequest</td>
</tr>
<tr>
<td>ShipToCountry</td>
<td>Gets or sets the ship to country.</td>
<td>GatewayRequest</td>
</tr>
<tr>
<td>Property</td>
<td>Description</td>
<td>Inheritance</td>
</tr>
<tr>
<td>------------------</td>
<td>------------------------------------------------------------------------------</td>
<td>----------------------------------</td>
</tr>
<tr>
<td>ShipToFirstName</td>
<td>Gets or sets the last name of the ship to.</td>
<td>(Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>ShipToLastName</td>
<td></td>
<td>(Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>ShipToState</td>
<td>Gets or sets the state of the ship to.</td>
<td>(Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>ShipToZip</td>
<td>Gets or sets the ship to zip.</td>
<td>(Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>SplitTenderId</td>
<td>Gets or sets the split tender id.</td>
<td>(Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>State</td>
<td>Gets or sets the state.</td>
<td>(Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>Tax</td>
<td>Gets or sets the tax.</td>
<td>(Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>TaxExempt</td>
<td>Gets or sets the tax exempt.</td>
<td>(Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>TestRequest</td>
<td>Gets or sets the test request.</td>
<td>(Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>TranKey</td>
<td>Gets or sets the tran key.</td>
<td>(Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>TransId</td>
<td>Gets or sets the trans id.</td>
<td>(Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>Type</td>
<td>Gets or sets the type.</td>
<td>(Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>Version</td>
<td>Gets or sets the version.</td>
<td>(Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>Zip</td>
<td>Gets or sets the zip.</td>
<td>(Inherited from GatewayRequest.)</td>
</tr>
</tbody>
</table>
See Also

CardPresentAuthorizationRequest Class
AuthorizeNet Namespace

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_cardPresentAuthorizeAndCaptureRequest Class_

_namespace: AuthorizeNet_

_assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0_
Syntax

C#

public class CardPresentAuthorizeAndCaptureRequest : CardPresentAuthorizeAndCaptureRequest

Visual Basic

Public Class CardPresentAuthorizeAndCaptureRequest
   Inherits CardPresentAuthorizeAndCaptureRequest

Visual C++

public ref class CardPresentAuthorizeAndCaptureRequest : public CardPresentAuthorizeAndCaptureRequest
Inheritance Hierarchy

System:::Object
AuthorizeNet:::GatewayRequest
AuthorizeNet:::CardPresentAuthorizationRequest
AuthorizeNet:::CardPresentAuthorizeAndCaptureRequest
See Also

CardPresentAuthorizeAndCaptureRequest Members
AuthorizeNet Namespace

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A .NET Library aimed at helping you get up to speed quickly with Authorize.NET CardPresentAuthorizeAndCaptureRequest Members

The CardPresentAuthorizeAndCaptureRequest type exposes the following members.
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<table>
<thead>
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</thead>
<tbody>
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<td><code>CardPresentAuthorizeAndCaptureRequest(Decimal, String, String)</code></td>
<td>Initializes a new instance of <code>CardPresentAuthorizeAndCaptureRequest</code> class.</td>
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<td></td>
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<td>AddCustomer</td>
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<tbody>
<tr>
<td>Address</td>
<td>Gets or sets the address. (Inherited from <a href="#">GatewayRequest</a>)</td>
</tr>
<tr>
<td>AllowPartialAuth</td>
<td>Gets or sets the allow partial auth. (Inherited from <a href="#">GatewayRequest</a>)</td>
</tr>
<tr>
<td>Amount</td>
<td>Gets or sets the amount. (Inherited from <a href="#">GatewayRequest</a>)</td>
</tr>
<tr>
<td>ApiAction</td>
<td>(Inherited from <a href="#">GatewayRequest</a>)</td>
</tr>
<tr>
<td>AuthCode</td>
<td>Gets or sets the auth code. (Inherited from <a href="#">GatewayRequest</a>)</td>
</tr>
<tr>
<td>AuthenticationIndicator</td>
<td>Gets or sets the authentication indicator. (Inherited from <a href="#">GatewayRequest</a>)</td>
</tr>
<tr>
<td>BankABACode</td>
<td>Gets or sets the bank ABA code. (Inherited from <a href="#">GatewayRequest</a>)</td>
</tr>
<tr>
<td>BankAccountName</td>
<td>Gets or sets the name of the bank account. (Inherited from <a href="#">GatewayRequest</a>)</td>
</tr>
<tr>
<td>BankAccountNumber</td>
<td>Gets or sets the bank account number. (Inherited from <a href="#">GatewayRequest</a>)</td>
</tr>
<tr>
<td>BankAccountType</td>
<td>Gets or sets the type of the bank account. (Inherited from <a href="#">GatewayRequest</a>)</td>
</tr>
<tr>
<td>BankCheckNumber</td>
<td>Gets or sets the bank check number. (Inherited from <a href="#">GatewayRequest</a>)</td>
</tr>
<tr>
<td>BankName</td>
<td>Gets or sets the name of the bank. (Inherited from <a href="#">GatewayRequest</a>)</td>
</tr>
<tr>
<td>CardCode</td>
<td>Gets or sets the credit card code. (Inherited from <a href="#">GatewayRequest</a>)</td>
</tr>
<tr>
<td>CardholderAuthenticationValue</td>
<td>Gets or sets the cardholder authentication value. (Inherited from <a href="#">GatewayRequest</a>)</td>
</tr>
<tr>
<td>Property</td>
<td>Description</td>
</tr>
<tr>
<td>----------------</td>
<td>--------------------------------------------------</td>
</tr>
<tr>
<td>CardNum</td>
<td>Gets or sets the credit card number.</td>
</tr>
<tr>
<td>City</td>
<td>Gets or sets the city.</td>
</tr>
<tr>
<td>Company</td>
<td>Gets or sets the company.</td>
</tr>
<tr>
<td>Country</td>
<td>Gets or sets the country.</td>
</tr>
<tr>
<td>CustId</td>
<td>Gets or sets the cust id.</td>
</tr>
<tr>
<td>CustomerIp</td>
<td>Gets or sets the customer ip.</td>
</tr>
<tr>
<td>DelimChar</td>
<td>Gets or sets the delim char.</td>
</tr>
<tr>
<td>DelimData</td>
<td>Gets or sets the delim data.</td>
</tr>
<tr>
<td>Description</td>
<td>Gets or sets the description.</td>
</tr>
<tr>
<td>DuplicateWindow</td>
<td>Gets or sets the duplicate window - the am.</td>
</tr>
<tr>
<td>Duty</td>
<td>Gets or sets the duty.</td>
</tr>
<tr>
<td>EcheckType</td>
<td>Gets or sets the type of the echeck.</td>
</tr>
<tr>
<td>Email</td>
<td>Gets or sets the email.</td>
</tr>
<tr>
<td>EmailCustomer</td>
<td>Gets or sets the email customer.</td>
</tr>
<tr>
<td>EncapChar</td>
<td>Gets or sets the encap char.</td>
</tr>
<tr>
<td>ExpDate</td>
<td>Gets or sets the exp date.</td>
</tr>
<tr>
<td>Fax</td>
<td>Gets or sets the fax.</td>
</tr>
</tbody>
</table>
FirstName
FooterEmailReceipt
Freight
HeaderEmailReceipt
InvoiceNum
LastName
LineItem
Login
Method
Phone
PoNum
Post
RecurringBilling
RelayResponse
ShipToAddress
ShipToCity
ShipToCompany
ShipToCountry

Gets or sets the first name of the ship
(Inherited from GatewayRequest.)
<table>
<thead>
<tr>
<th>Property</th>
<th>Description</th>
<th>Inheritance</th>
</tr>
</thead>
<tbody>
<tr>
<td>ShipToFirstName</td>
<td>Gets or sets the first name of the ship to.</td>
<td>(Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>ShipToLastName</td>
<td>Gets or sets the last name of the ship to.</td>
<td>(Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>ShipToState</td>
<td>Gets or sets the state of the ship to.</td>
<td>(Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>ShipToZip</td>
<td>Gets or sets the ship to zip.</td>
<td>(Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>SplitTenderId</td>
<td>Gets or sets the split tender id.</td>
<td>(Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>State</td>
<td>Gets or sets the state.</td>
<td>(Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>Tax</td>
<td>Gets or sets the tax.</td>
<td>(Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>TaxExempt</td>
<td>Gets or sets the tax exempt.</td>
<td>(Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>TestRequest</td>
<td>Gets or sets the test request.</td>
<td>(Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>TranKey</td>
<td>Gets or sets the tran key.</td>
<td>(Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>TransId</td>
<td>Gets or sets the trans id.</td>
<td>(Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>Type</td>
<td>Gets or sets the type.</td>
<td>(Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>Version</td>
<td>Gets or sets the version.</td>
<td>(Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>Zip</td>
<td>Gets or sets the zip.</td>
<td>(Inherited from GatewayRequest.)</td>
</tr>
</tbody>
</table>
See Also

CardPresentAuthorizeAndCaptureRequest Class
AuthorizeNet Namespace

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CardPresentAuthorizeAndCaptureRequest Constructor

CardPresentAuthorizeAndCaptureRequest Class  See Also  Send Feedback
<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td><code>CardPresentAuthorizeAndCaptureRequest(Decimal, String, String)</code></td>
<td>Initializes a new instance of the <code>CardPresentAuthorizeAndCaptureRequest</code> class.</td>
</tr>
<tr>
<td><code>CardPresentAuthorizeAndCaptureRequest(Decimal, String, String)</code></td>
<td>Initializes a new instance of the <code>CardPresentAuthorizeAndCaptureRequest</code> class.</td>
</tr>
</tbody>
</table>
See Also

CardPresentAuthorizeAndCaptureRequest Class
CardPresentAuthorizeAndCaptureRequest Members
AuthorizeNet Namespace

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CardPresentAuthorizeAndCaptureRequest Constructor (Decimal, String, String)

Initialize a new instance of the CardPresentAuthorizeAndCaptureRequest class

**Namespace:** AuthorizeNet

**Assembly:** AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
**Syntax**

**C#**

```csharp
public CardPresentAuthorizeAndCaptureRequest(
    decimal amount,
    string track1,
    string track2
)
```

**Visual Basic**

```vbnet
Public Sub New (_
    amount As Decimal, _
    track1 As String, _
    track2 As String _
)
```

**Visual C++**

```cpp
public:
CardPresentAuthorizeAndCaptureRequest(
    Decimal amount,
    String^ track1,
    String^ track2
)
```

**Parameters**

- **amount**  
  Type: `System::Decimal`

- **track1**  
  Type: `System::String`

- **track2**  
  Type: `System::String`
See Also

CardPresentAuthorizeAndCaptureRequest Class
CardPresentAuthorizeAndCaptureRequest Overload
AuthorizeNet Namespace

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CardPresentAuthorizeAndCaptureRequest Constructor (Decimal, String, String, String)

Initializes a new instance of the CardPresentAuthorizeAndCaptureRequest class.

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

C#

public CardPresentAuthorizeAndCaptureRequest(
    decimal amount,
    string cardNumber,
    string expirationMonth,
    string expirationYear
)

Visual Basic

Public Sub New (_
    amount As Decimal, _
    cardNumber As String, _
    expirationMonth As String, _
    expirationYear As String _
)

Visual C++

public:
CardPresentAuthorizeAndCaptureRequest(
    Decimal amount,
    String^ cardNumber,
    String^ expirationMonth,
    String^ expirationYear
)

Parameters

amount
    Type: System:::Decimal
    The amount.

cardNumber
    Type: System:::String
    The card number.
expirationMonth
Type: System:::String
The expiration month.

expirationYear
Type: System:::String
The expiration year.
See Also

CardPresentAuthorizeAndCaptureRequest Class
CardPresentAuthorizeAndCaptureRequest Overload
AuthorizeNet Namespace

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CardPresentAuthorizeAndCaptureRequest Methods

The CardPresentAuthorizeAndCaptureRequest type exposes the following members.
### Methods

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<tr>
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<tr>
<td>AddCustomer</td>
<td>Adds a Customer record to the current request (Inherited from <a href="#">GatewayRequest</a>.)</td>
</tr>
<tr>
<td>AddDuty(Decimal)</td>
<td>Adds a tax value to the request (Inherited from <a href="#">GatewayRequest</a>.)</td>
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<tr>
<td>AddDuty(Decimal, String, String)</td>
<td>Adds a detailed tax value to the request (Inherited from <a href="#">GatewayRequest</a>.)</td>
</tr>
<tr>
<td>AddFraudCheck()</td>
<td>This method will pull the user's IP address for use with FDS. Only valid for Web-based transactions. (Inherited from <a href="#">GatewayRequest</a>.)</td>
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<td>AddFraudCheck(String)</td>
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<td>AddLineItem</td>
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<td>Outputs the queue as a delimited, URL-safe string for sending to Authorize.net as a form POST (Inherited from GatewayRequest.)</td>
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<td>ToString</td>
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See Also

CardPresentAuthorizeAndCaptureRequest Class
AuthorizeNet Namespace

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CardPresentAuthorizeAndCaptureRequest.AddDuty Method

See Also: Send Feedback
# Overload List

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CardPresentAuthorizeAndCaptureRequest Members
AuthorizeNet Namespace

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CardPresentAuthorizeAndCaptureRequest.

AddFraudCheck Method

CardPresentAuthorizeAndCaptureRequest Class  See Also  Send Feedback
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AuthorizeNet Namespace

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CardPresentAuthorizeAndCaptureRequest.AddFreight Method

CardPresentAuthorizeAndCaptureRequest Class  See Also  Send Feedback
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</tr>
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</tr>
<tr>
<td>AddFreight(Decimal, String, String)</td>
<td>Adds a detailed tax value to the request</td>
</tr>
<tr>
<td>(Inherited from GatewayRequest.)</td>
<td>(Inherited from GatewayRequest.)</td>
</tr>
</tbody>
</table>
See Also

CardPresentAuthorizeAndCaptureRequest Class
CardPresentAuthorizeAndCaptureRequest Members
AuthorizeNet Namespace

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CardPresentAuthorizeAndCaptureRequest...AddTax Method
CardPresentAuthorizeAndCaptureRequest Class See Also Send Feedback
# Overload List

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>AddTax(Decimal)</td>
<td>Adds a tax value to the request (Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>AddTax(Decimal, String, String)</td>
<td>Adds a detailed tax value to the request (Inherited from GatewayRequest.)</td>
</tr>
</tbody>
</table>
See Also

CardPresentAuthorizeAndCaptureRequest Class
CardPresentAuthorizeAndCaptureRequest Members
AuthorizeNet Namespace

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**CardPresentAuthorizeAndCaptureRequest Properties**

See Also [Send Feedback](#)

The [CardPresentAuthorizeAndCaptureRequest](#) type exposes the following members.
Properties

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
<th>Inheritance</th>
</tr>
</thead>
<tbody>
<tr>
<td>Address</td>
<td>Gets or sets the address.</td>
<td>(Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>AllowPartialAuth</td>
<td>Gets or sets the allow partial auth.</td>
<td>(Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>Amount</td>
<td>Gets or sets the amount.</td>
<td>(Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>ApiAction</td>
<td></td>
<td>(Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>AuthCode</td>
<td>Gets or sets the auth code.</td>
<td>(Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>AuthenticationIndicator</td>
<td>Gets or sets the authentication indicator.</td>
<td>(Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>BankABACode</td>
<td>Gets or sets the bank ABA code.</td>
<td>(Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>BankAccountName</td>
<td>Gets or sets the name of the bank account.</td>
<td>(Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>BankAccountNumber</td>
<td>Gets or sets the bank account number.</td>
<td>(Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>BankAccountType</td>
<td>Gets or sets the type of the bank account.</td>
<td>(Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>BankCheckNumber</td>
<td>Gets or sets the bank check number.</td>
<td>(Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>BankName</td>
<td>Gets or sets the name of the bank.</td>
<td>(Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>CardCode</td>
<td>Gets or sets the credit card code.</td>
<td>(Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>CardholderAuthenticationValue</td>
<td>Gets or sets the cardholder authentication value.</td>
<td>(Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>Property</td>
<td>Description</td>
<td>Inheritance</td>
</tr>
<tr>
<td>-------------------</td>
<td>------------------------------------------------------------------------------</td>
<td>------------------------------</td>
</tr>
<tr>
<td>CardNum</td>
<td>Gets or sets the credit card number.</td>
<td>(Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>City</td>
<td>Gets or sets the city.</td>
<td>(Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>Company</td>
<td>Gets or sets the company.</td>
<td>(Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>Country</td>
<td>Gets or sets the country.</td>
<td>(Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>CustId</td>
<td>Gets or sets the cust id.</td>
<td>(Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>CustomerIp</td>
<td>Gets or sets the customer ip.</td>
<td>(Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>DelimChar</td>
<td>Gets or sets the delim char.</td>
<td>(Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>DelimData</td>
<td>Gets or sets the delim data.</td>
<td>(Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>Description</td>
<td>Gets or sets the description.</td>
<td>(Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>DuplicateWindow</td>
<td>Gets or sets the duplicate window - the am.</td>
<td>(Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>Duty</td>
<td>Gets or sets the duty.</td>
<td>(Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>EcheckType</td>
<td>Gets or sets the type of the echeck.</td>
<td>(Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>Email</td>
<td>Gets or sets the email.</td>
<td>(Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>EmailCustomer</td>
<td>Gets or sets the email customer.</td>
<td>(Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>EncapChar</td>
<td>Gets or sets the encap char.</td>
<td>(Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>ExpDate</td>
<td>Gets or sets the exp date.</td>
<td>(Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>Fax</td>
<td>Gets or sets the fax.</td>
<td>(Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td></td>
<td>Gets or sets the first name.</td>
<td></td>
</tr>
<tr>
<td>Property</td>
<td>Description</td>
<td></td>
</tr>
<tr>
<td>-----------------------</td>
<td>-----------------------------------------------------------------------------</td>
<td></td>
</tr>
<tr>
<td>FirstName</td>
<td>Gets or sets the first name of the ship</td>
<td></td>
</tr>
<tr>
<td>FooterEmailReceipt</td>
<td>Gets or sets the footer email receipt.</td>
<td></td>
</tr>
<tr>
<td>Freight</td>
<td>Gets or sets the freight.</td>
<td></td>
</tr>
<tr>
<td>HeaderEmailReceipt</td>
<td>Gets or sets the header email receipt.</td>
<td></td>
</tr>
<tr>
<td>InvoiceNum</td>
<td>Gets or sets the invoice num.</td>
<td></td>
</tr>
<tr>
<td>LastName</td>
<td>Gets or sets the last name.</td>
<td></td>
</tr>
<tr>
<td>LineItem</td>
<td>Gets or sets the line item.</td>
<td></td>
</tr>
<tr>
<td>Login</td>
<td>Gets or sets the login.</td>
<td></td>
</tr>
<tr>
<td>Method</td>
<td>Gets or sets the method.</td>
<td></td>
</tr>
<tr>
<td>Phone</td>
<td>Gets or sets the phone.</td>
<td></td>
</tr>
<tr>
<td>PoNum</td>
<td>Gets or sets the po number.</td>
<td></td>
</tr>
<tr>
<td>Post</td>
<td>(Inherited from GatewayRequest.)</td>
<td></td>
</tr>
<tr>
<td>RecurringBilling</td>
<td>Gets or sets the recurring billing.</td>
<td></td>
</tr>
<tr>
<td>RelayResponse</td>
<td>Gets or sets the relay response.</td>
<td></td>
</tr>
<tr>
<td>ShipToAddress</td>
<td>Gets or sets the ship to address.</td>
<td></td>
</tr>
<tr>
<td>ShipToCity</td>
<td>Gets or sets the ship to city.</td>
<td></td>
</tr>
<tr>
<td>ShipToCompany</td>
<td>Gets or sets the ship to company.</td>
<td></td>
</tr>
<tr>
<td>ShipToCountry</td>
<td>Gets or sets the ship to country.</td>
<td></td>
</tr>
<tr>
<td>Field</td>
<td>Description</td>
<td>Inherited From</td>
</tr>
<tr>
<td>-----------------------</td>
<td>-----------------------------------------------------------------------------</td>
<td>---------------------------------</td>
</tr>
<tr>
<td>ShipToFirstName</td>
<td>Gets or sets the last name of the ship to.</td>
<td>(Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>ShipToLastName</td>
<td>(Inherited from GatewayRequest.)</td>
<td></td>
</tr>
<tr>
<td>ShipToState</td>
<td>Gets or sets the state of the ship to.</td>
<td>(Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>ShipToZip</td>
<td>Gets or sets the ship to zip.</td>
<td>(Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>SplitTenderId</td>
<td>Gets or sets the split tender id.</td>
<td>(Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>State</td>
<td>Gets or sets the state.</td>
<td>(Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>Tax</td>
<td>Gets or sets the tax.</td>
<td>(Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>TaxExempt</td>
<td>Gets or sets the tax exempt.</td>
<td>(Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>TestRequest</td>
<td>Gets or sets the test request.</td>
<td>(Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>TranKey</td>
<td>Gets or sets the tran key.</td>
<td>(Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>TransId</td>
<td>Gets or sets the trans id.</td>
<td>(Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>Type</td>
<td>Gets or sets the type.</td>
<td>(Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>Version</td>
<td>Gets or sets the version.</td>
<td>(Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>Zip</td>
<td>Gets or sets the zip.</td>
<td>(Inherited from GatewayRequest.)</td>
</tr>
</tbody>
</table>
See Also

CardPresentAuthorizeAndCaptureRequest Class
AuthorizeNet Namespace

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CardPresentCaptureOnly Class

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

C#

public class CardPresentCaptureOnly : GatewayRequest

Visual Basic

Public Class CardPresentCaptureOnly _
    Inherits GatewayRequest

Visual C++

public ref class CardPresentCaptureOnly : public GatewayRequest
Inheritance Hierarchy

System..::..Object
AuthorizeNet..::..GatewayRequest
AuthorizeNet..::..CardPresentCaptureOnly
See Also

CardPresentCaptureOnly Members
AuthorizeNet Namespace

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CardPresentCaptureOnly Members

CardPresentCaptureOnly Class  Constructors  Methods  Properties  See Also  Send Feedback

The CardPresentCaptureOnly type exposes the following members.
# Constructors

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>CardPresentCaptureOnly</td>
<td>Initializes a new instance of the CardPresentCaptureOnly class.</td>
</tr>
</tbody>
</table>
# Methods

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>AddCardCode</td>
<td>The 3-digit Credit Card Code (CCV) on the back of the card (Inherited from <a href="#">GatewayRequest</a>).</td>
</tr>
<tr>
<td>AddCustomer</td>
<td>Adds a Customer record to the current request (Inherited from <a href="#">GatewayRequest</a>).</td>
</tr>
<tr>
<td>AddDuty(Decimal)</td>
<td>Adds a tax value to the request (Inherited from <a href="#">GatewayRequest</a>).</td>
</tr>
<tr>
<td>AddDuty(Decimal, String, String)</td>
<td>Adds a detailed tax value to the request (Inherited from <a href="#">GatewayRequest</a>).</td>
</tr>
<tr>
<td>AddFraudCheck</td>
<td>This method will pull the user's IP address for use with FDS. Only valid for Web-based transactions. (Inherited from <a href="#">GatewayRequest</a>).</td>
</tr>
<tr>
<td>AddFraudCheck(String)</td>
<td>This method adds the required values for Fraud Detection Suite. Your merchant must sign up for this service with Authorize.Net (Inherited from <a href="#">GatewayRequest</a>).</td>
</tr>
<tr>
<td>AddFreight(Decimal)</td>
<td>Adds a tax value to the request (Inherited from <a href="#">GatewayRequest</a>).</td>
</tr>
<tr>
<td>AddFreight(Decimal, String, String)</td>
<td>Adds a detailed tax value to the request (Inherited from <a href="#">GatewayRequest</a>).</td>
</tr>
<tr>
<td>AddInvoice</td>
<td>Adds an InvoiceNumber to the request (Inherited from <a href="#">GatewayRequest</a>).</td>
</tr>
<tr>
<td>AddLineItem</td>
<td>Adds a line item to the current order (Inherited from <a href="#">GatewayRequest</a>).</td>
</tr>
<tr>
<td>AddMerchantValue</td>
<td>This is where you can add custom values to the request, which will be returned to you in the response (Inherited from <a href="#">GatewayRequest</a>).</td>
</tr>
<tr>
<td>AddShipping</td>
<td>Adds a Shipping Record to the current request (Inherited from <a href="#">GatewayRequest</a>).</td>
</tr>
<tr>
<td>Method</td>
<td>Description</td>
</tr>
<tr>
<td>--------</td>
<td>-------------</td>
</tr>
<tr>
<td>AddTax(Decimal)</td>
<td>Adds a tax value to the request (Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>AddTax(Decimal, String, String)</td>
<td>Adds a detailed tax value to the request (Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>Equals</td>
<td>Determines whether the specified Object is equal to the current Object. (Inherited from Object.)</td>
</tr>
<tr>
<td>Get</td>
<td>Gets the specified key from the request. (Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>GetHashCode</td>
<td>Serves as a hash function for a particular type. (Inherited from Object.)</td>
</tr>
<tr>
<td>GetType</td>
<td>Gets the Type of the current instance. (Inherited from Object.)</td>
</tr>
<tr>
<td>Queue</td>
<td>Queues the specified key into the request. (Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>ToPostString</td>
<td>Outputs the queue as a delimited, URL-safe string for sending to Authorize.net as a form POST (Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>ToString</td>
<td>Returns a String that represents the current Object. (Inherited from Object.)</td>
</tr>
</tbody>
</table>
## Properties

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Address</td>
<td>Gets or sets the address. (Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>AllowPartialAuth</td>
<td>Gets or sets the allow partial auth. (Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>Amount</td>
<td>Gets or sets the amount. (Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>ApiAction</td>
<td>(Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>AuthCode</td>
<td>Gets or sets the auth code. (Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>AuthenticationIndicator</td>
<td>Gets or sets the authentication indicator. (Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>BankABACode</td>
<td>Gets or sets the bank ABA code. (Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>BankAccountName</td>
<td>Gets or sets the name of the bank account. (Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>BankAccountNumber</td>
<td>Gets or sets the bank account number. (Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>BankAccountType</td>
<td>Gets or sets the type of the bank account. (Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>BankCheckNumber</td>
<td>Gets or sets the bank check number. (Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>BankName</td>
<td>Gets or sets the name of the bank. (Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>CardCode</td>
<td>Gets or sets the credit card code. (Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>CardholderAuthenticationValue</td>
<td>Gets or sets the cardholder authentication value. (Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>Property</td>
<td>Description</td>
</tr>
<tr>
<td>--------------</td>
<td>--------------------------------------------------</td>
</tr>
<tr>
<td>CardNum</td>
<td>Gets or sets the credit card number.</td>
</tr>
<tr>
<td>City</td>
<td>Gets or sets the city.</td>
</tr>
<tr>
<td>Company</td>
<td>Gets or sets the company.</td>
</tr>
<tr>
<td>Country</td>
<td>Gets or sets the country.</td>
</tr>
<tr>
<td>CustId</td>
<td>Gets or sets the cust id.</td>
</tr>
<tr>
<td>CustomerIp</td>
<td>Gets or sets the customer ip.</td>
</tr>
<tr>
<td>DelimChar</td>
<td>Gets or sets the delim char.</td>
</tr>
<tr>
<td>DelimData</td>
<td>Gets or sets the delim data.</td>
</tr>
<tr>
<td>Description</td>
<td>Gets or sets the description.</td>
</tr>
<tr>
<td>DuplicateWindow</td>
<td>Gets or sets the duplicate window - the am.</td>
</tr>
<tr>
<td>Duty</td>
<td>Gets or sets the duty.</td>
</tr>
<tr>
<td>EcheckType</td>
<td>Gets or sets the type of the echeck.</td>
</tr>
<tr>
<td>Email</td>
<td>Gets or sets the email.</td>
</tr>
<tr>
<td>EmailCustomer</td>
<td>Gets or sets the email customer.</td>
</tr>
<tr>
<td>EncapChar</td>
<td>Gets or sets the encap char.</td>
</tr>
<tr>
<td>ExpDate</td>
<td>Gets or sets the exp date.</td>
</tr>
<tr>
<td>Fax</td>
<td>Gets or sets the fax.</td>
</tr>
<tr>
<td></td>
<td>Gets or sets the first name.</td>
</tr>
<tr>
<td>Property</td>
<td>Description</td>
</tr>
<tr>
<td>---------------------------</td>
<td>-----------------------------------------------------------------------------</td>
</tr>
<tr>
<td><strong>FirstName</strong></td>
<td>(Inherited from <a href="#">GatewayRequest</a>)</td>
</tr>
<tr>
<td><strong>FooterEmailReceipt</strong></td>
<td>Gets or sets the footer email receipt.</td>
</tr>
<tr>
<td><strong>Freight</strong></td>
<td>Gets or sets the freight.</td>
</tr>
<tr>
<td><strong>HeaderEmailReceipt</strong></td>
<td>Gets or sets the header email receipt.</td>
</tr>
<tr>
<td><strong>InvoiceNum</strong></td>
<td>Gets or sets the invoice num.</td>
</tr>
<tr>
<td><strong>LastName</strong></td>
<td>Gets or sets the last name.</td>
</tr>
<tr>
<td><strong>LineItem</strong></td>
<td>Gets or sets the line item.</td>
</tr>
<tr>
<td><strong>Login</strong></td>
<td>Gets or sets the login.</td>
</tr>
<tr>
<td><strong>Method</strong></td>
<td>Gets or sets the method.</td>
</tr>
<tr>
<td><strong>Phone</strong></td>
<td>Gets or sets the phone.</td>
</tr>
<tr>
<td><strong>PoNum</strong></td>
<td>Gets or sets the po number.</td>
</tr>
<tr>
<td><strong>Post</strong></td>
<td>(Inherited from <a href="#">GatewayRequest</a>)</td>
</tr>
<tr>
<td><strong>RecurringBilling</strong></td>
<td>Gets or sets the recurring billing.</td>
</tr>
<tr>
<td><strong>RelayResponse</strong></td>
<td>Gets or sets the relay response.</td>
</tr>
<tr>
<td><strong>ShipToAddress</strong></td>
<td>Gets or sets the ship to address.</td>
</tr>
<tr>
<td><strong>ShipToCity</strong></td>
<td>Gets or sets the ship to city.</td>
</tr>
<tr>
<td><strong>ShipToCompany</strong></td>
<td>Gets or sets the ship to company.</td>
</tr>
<tr>
<td><strong>ShipToCountry</strong></td>
<td>Gets or sets the ship to country.</td>
</tr>
<tr>
<td></td>
<td>Gets or sets the first name of the ship.</td>
</tr>
<tr>
<td>Property</td>
<td>Description</td>
</tr>
<tr>
<td>-------------------</td>
<td>-----------------------------------------------------------------------------</td>
</tr>
<tr>
<td>ShipToFirstName</td>
<td>Gets or sets the last name of the ship to. (Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>ShipToLastName</td>
<td>Gets or sets the last name of the ship to. (Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>ShipToState</td>
<td>Gets or sets the state of the ship to. (Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>ShipToZip</td>
<td>Gets or sets the ship to zip. (Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>SplitTenderId</td>
<td>Gets or sets the split tender id. (Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>State</td>
<td>Gets or sets the state. (Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>Tax</td>
<td>Gets or sets the tax. (Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>TaxExempt</td>
<td>Gets or sets the tax exempt. (Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>TestRequest</td>
<td>Gets or sets the test request. (Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>TranKey</td>
<td>Gets or sets the tran key. (Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>TransId</td>
<td>Gets or sets the trans id. (Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>Type</td>
<td>Gets or sets the type. (Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>Version</td>
<td>Gets or sets the version. (Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>Zip</td>
<td>Gets or sets the zip. (Inherited from GatewayRequest.)</td>
</tr>
</tbody>
</table>
See Also

CardPresentCaptureOnly Class
AuthorizeNet Namespace

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CardPresentCaptureOnly Constructor

CardPresentCaptureOnly Class See Also Send Feedback

Initializes a new instance of the CardPresentCaptureOnly class.

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

C#

```csharp
public CardPresentCaptureOnly(
    string authCode
)
```

Visual Basic

```vbnet
Public Sub New ( _
    authCode As String _
)
```

Visual C++

```cpp
public:
CardPresentCaptureOnly(
    String^ authCode
)
```

Parameters

authCode
- Type: `System::String`
  - The auth code.
See Also

CardPresentCaptureOnly Class
AuthorizeNet Namespace

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The CardPresentCaptureOnly type exposes the following members.
## Methods

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>AddCardCode</td>
<td>The 3-digit Credit Card Code (CCV) on the back of the card (Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>AddCustomer</td>
<td>Adds a Customer record to the current request (Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>AddDuty(Decimal)</td>
<td>Adds a tax value to the request (Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>AddDuty(Decimal, String, String)</td>
<td>Adds a detailed tax value to the request (Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>AddFraudCheck()()()()()</td>
<td>This method will pull the user's IP address for use with FDS. Only valid for Web-based transactions. (Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>AddFraudCheck(String)</td>
<td>This method adds the required values for Fraud Detection Suite. Your merchant must sign up for this service with Authorize.Net (Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>AddFreight(Decimal)</td>
<td>Adds a tax value to the request (Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>AddFreight(Decimal, String, String)</td>
<td>Adds a detailed tax value to the request (Inherited from GatewayRequest.)</td>
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<tr>
<td>AddInvoice</td>
<td>Adds an InvoiceNumber to the request (Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>AddLineItem</td>
<td>Adds a line item to the current order (Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>AddMerchantValue</td>
<td>This is where you can add custom values to the request, which will be returned to you in the response (Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>AddShipping</td>
<td>Adds a Shipping Record to the current request (Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>Method</td>
<td>Description</td>
</tr>
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<td>--------</td>
<td>-------------</td>
</tr>
<tr>
<td><code>AddTax(Decimal)</code></td>
<td>Adds a tax value to the request (Inherited from <code>GatewayRequest</code>.)</td>
</tr>
<tr>
<td><code>AddTax(Decimal, String, String)</code></td>
<td>Adds a detailed tax value to the request (Inherited from <code>GatewayRequest</code>.)</td>
</tr>
<tr>
<td><code>Equals</code></td>
<td>Determines whether the specified <code>Object</code> is equal to the current <code>Object</code>. (Inherited from <code>Object</code>.)</td>
</tr>
<tr>
<td><code>Get</code></td>
<td>Gets the specified key from the request. (Inherited from <code>GatewayRequest</code>.)</td>
</tr>
<tr>
<td><code>GetHashCode</code></td>
<td>Serves as a hash function for a particular type. (Inherited from <code>Object</code>.)</td>
</tr>
<tr>
<td><code>GetType</code></td>
<td>Gets the <code>Type</code> of the current instance. (Inherited from <code>Object</code>.)</td>
</tr>
<tr>
<td><code>Queue</code></td>
<td>Queues the specified key into the request. (Inherited from <code>GatewayRequest</code>.)</td>
</tr>
<tr>
<td><code>ToPostString</code></td>
<td>Outputs the queue as a delimited, URL-safe string for sending to Authorize.net as a form POST (Inherited from <code>GatewayRequest</code>.)</td>
</tr>
<tr>
<td><code>ToString</code></td>
<td>Returns a <code>String</code> that represents the current <code>Object</code>. (Inherited from <code>Object</code>.)</td>
</tr>
</tbody>
</table>
See Also

CardPresentCaptureOnly Class
AuthorizeNet Namespace

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CardPresentCaptureOnly::AddDuty Method

CardPresentCaptureOnly Class See Also Send Feedback
### Overload List

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>AddDuty(Decimal)</td>
<td>Adds a tax value to the request (Inherited from <a href="#">GatewayRequest</a>.)</td>
</tr>
<tr>
<td>AddDuty(Decimal, String, String)</td>
<td>Adds a detailed tax value to the request (Inherited from <a href="#">GatewayRequest</a>.)</td>
</tr>
</tbody>
</table>
See Also

CardPresentCaptureOnly Class
CardPresentCaptureOnly Members
AuthorizeNet Namespace

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CardPresentCaptureOnly::AddFraudCheck Method

See Also Send Feedback
<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>AddFraudCheck()</td>
<td>This method will pull the user's IP address for use with FDS. Only valid for Web-based transactions. (Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>AddFraudCheck(String)</td>
<td>This method adds the required values for Fraud Detection Suite. Your merchant must sign up for this service with Authorize.Net (Inherited from GatewayRequest.)</td>
</tr>
</tbody>
</table>
See Also

CardPresentCaptureOnly Class
CardPresentCaptureOnly Members
AuthorizeNet Namespace

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CardPresentCaptureOnly...AddFreight Method

CardPresentCaptureOnly Class See Also Send Feedback
## Overload List

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>AddFreight(Decimal)</td>
<td>Adds a tax value to the request (Inherited from <code>GatewayRequest</code>.)</td>
</tr>
<tr>
<td>AddFreight(Decimal, String, String)</td>
<td>Adds a detailed tax value to the request (Inherited from <code>GatewayRequest</code>.)</td>
</tr>
</tbody>
</table>
See Also

CardPresentCaptureOnly Class
CardPresentCaptureOnly Members
AuthorizeNet Namespace

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CardPresentCaptureOnly...AddTax Method

CardPresentCaptureOnly Class See Also Send Feedback
## Overload List

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>AddTax(Decimal)</td>
<td>Adds a tax value to the request (Inherited from GatewayRequest.)</td>
</tr>
</tbody>
</table>
| AddTax(Decimal, String, String) | Adds a detailed tax value to the request  
                                | (Inherited from GatewayRequest.) |
See Also

CardPresentCaptureOnly Class
CardPresentCaptureOnly Members
AuthorizeNet Namespace

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The CardPresentCaptureOnly type exposes the following members.
### Properties

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Address</td>
<td>Gets or sets the address. (Inherited from <a href="#">GatewayRequest</a>)</td>
</tr>
<tr>
<td>AllowPartialAuth</td>
<td>Gets or sets the allow partial auth. (Inherited from <a href="#">GatewayRequest</a>)</td>
</tr>
<tr>
<td>Amount</td>
<td>Gets or sets the amount. (Inherited from <a href="#">GatewayRequest</a>)</td>
</tr>
<tr>
<td>ApiAction</td>
<td>(Inherited from <a href="#">GatewayRequest</a>)</td>
</tr>
<tr>
<td>AuthCode</td>
<td>Gets or sets the auth code. (Inherited from <a href="#">GatewayRequest</a>)</td>
</tr>
<tr>
<td>AuthenticationIndicator</td>
<td>Gets or sets the authentication indicator. (Inherited from <a href="#">GatewayRequest</a>)</td>
</tr>
<tr>
<td>BankABACode</td>
<td>Gets or sets the bank ABA code. (Inherited from <a href="#">GatewayRequest</a>)</td>
</tr>
<tr>
<td>BankAccountName</td>
<td>Gets or sets the name of the bank account. (Inherited from <a href="#">GatewayRequest</a>)</td>
</tr>
<tr>
<td>BankAccountNumber</td>
<td>Gets or sets the bank account number. (Inherited from <a href="#">GatewayRequest</a>)</td>
</tr>
<tr>
<td>BankAccountType</td>
<td>Gets or sets the type of the bank account. (Inherited from <a href="#">GatewayRequest</a>)</td>
</tr>
<tr>
<td>BankCheckNumber</td>
<td>Gets or sets the bank check number. (Inherited from <a href="#">GatewayRequest</a>)</td>
</tr>
<tr>
<td>BankName</td>
<td>Gets or sets the name of the bank. (Inherited from <a href="#">GatewayRequest</a>)</td>
</tr>
<tr>
<td>CardCode</td>
<td>Gets or sets the credit card code. (Inherited from <a href="#">GatewayRequest</a>)</td>
</tr>
<tr>
<td>CardholderAuthenticationValue</td>
<td>Gets or sets the cardholder authentication value. (Inherited from <a href="#">GatewayRequest</a>)</td>
</tr>
<tr>
<td>Property</td>
<td>Description</td>
</tr>
<tr>
<td>--------------</td>
<td>-----------------------------------------------------------------------------</td>
</tr>
<tr>
<td>CardNum</td>
<td>Gets or sets the credit card number. (Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>City</td>
<td>Gets or sets the city. (Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>Company</td>
<td>Gets or sets the company. (Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>Country</td>
<td>Gets or sets the country. (Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>CustId</td>
<td>Gets or sets the cust id. (Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>CustomerIp</td>
<td>Gets or sets the customer ip. (Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>DelimChar</td>
<td>Gets or sets the delim char. (Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>DelimData</td>
<td>Gets or sets the delim data. (Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>Description</td>
<td>Gets or sets the description. (Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>DuplicateWindow</td>
<td>Gets or sets the duplicate window - the am. (Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>Duty</td>
<td>Gets or sets the duty. (Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>EcheckType</td>
<td>Gets or sets the type of the echeck. (Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>Email</td>
<td>Gets or sets the email. (Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>EmailCustomer</td>
<td>Gets or sets the email customer. (Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>EncapChar</td>
<td>Gets or sets the encap char. (Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>ExpDate</td>
<td>Gets or sets the exp date. (Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>Fax</td>
<td>Gets or sets the fax. (Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td></td>
<td>Gets or sets the first name.</td>
</tr>
<tr>
<td><strong>Property</strong></td>
<td>Description</td>
</tr>
<tr>
<td>---------------------</td>
<td>------------------------------------------------------------------------------</td>
</tr>
<tr>
<td>FirstName</td>
<td>Gets or sets the first name of the ship.</td>
</tr>
<tr>
<td>FooterEmailReceipt</td>
<td>Gets or sets the footer email receipt.</td>
</tr>
<tr>
<td>Freight</td>
<td>Gets or sets the freight.</td>
</tr>
<tr>
<td>HeaderEmailReceipt</td>
<td>Gets or sets the header email receipt.</td>
</tr>
<tr>
<td>InvoiceNum</td>
<td>Gets or sets the invoice num.</td>
</tr>
<tr>
<td>LastName</td>
<td>Gets or sets the last name.</td>
</tr>
<tr>
<td>LineItem</td>
<td>Gets or sets the line item.</td>
</tr>
<tr>
<td>Login</td>
<td>Gets or sets the login.</td>
</tr>
<tr>
<td>Method</td>
<td>Gets or sets the method.</td>
</tr>
<tr>
<td>Phone</td>
<td>Gets or sets the phone.</td>
</tr>
<tr>
<td>PoNum</td>
<td>Gets or sets the po number.</td>
</tr>
<tr>
<td>Post</td>
<td>(Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>RecurringBilling</td>
<td>Gets or sets the recurring billing.</td>
</tr>
<tr>
<td>RelayResponse</td>
<td>Gets or sets the relay response.</td>
</tr>
<tr>
<td>ShipToAddress</td>
<td>Gets or sets the ship to address.</td>
</tr>
<tr>
<td>ShipToCity</td>
<td>Gets or sets the ship to city.</td>
</tr>
<tr>
<td>ShipToCompany</td>
<td>Gets or sets the ship to company.</td>
</tr>
<tr>
<td>ShipToCountry</td>
<td>Gets or sets the ship to country.</td>
</tr>
</tbody>
</table>
**ShipToFirstName**
Gets or sets the last name of the ship to.
(Inherited from `GatewayRequest`.)

**ShipToLastName**
Gets or sets the state of the ship to.
(Inherited from `GatewayRequest`.)

**ShipToState**
Gets or sets the state.
(Inherited from `GatewayRequest`.)

**ShipToZip**
Gets or sets the ship to zip.
(Inherited from `GatewayRequest`.)

**SplitTenderId**
Gets or sets the split tender id.
(Inherited from `GatewayRequest`.)

**State**
Gets or sets the state.
(Inherited from `GatewayRequest`.)

**Tax**
Gets or sets the tax.
(Inherited from `GatewayRequest`.)

**TaxExempt**
Gets or sets the tax exempt.
(Inherited from `GatewayRequest`.)

**TestRequest**
Gets or sets the test request.
(Inherited from `GatewayRequest`.)

**TranKey**
Gets or sets the tran key.
(Inherited from `GatewayRequest`.)

**TransId**
Gets or sets the trans id.
(Inherited from `GatewayRequest`.)

**Type**
Gets or sets the type.
(Inherited from `GatewayRequest`.)

**Version**
Gets or sets the version.
(Inherited from `GatewayRequest`.)

**Zip**
Gets or sets the zip.
(Inherited from `GatewayRequest`.)
See Also

CardPresentCaptureOnly Class
AuthorizeNet Namespace

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CardPresentCredit Class

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

**C#**

```csharp
public class CardPresentCredit : GatewayRequest
```

**Visual Basic**

```vbnet
Public Class CardPresentCredit
    Inherits GatewayRequest
```

**Visual C++**

```cpp
public ref class CardPresentCredit : public GatewayRequest
```
Inheritance Hierarchy

System...Object
AuthorizeNet...GatewayRequest
AuthorizeNet...CardPresentCredit
See Also

CardPresentCredit Members
AuthorizeNet Namespace

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CardPresentCredit Class Constructors Methods Properties See Also Send Feedback

The CardPresentCredit type exposes the following members.
# Constructors

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>CardPresentCredit</td>
<td>Initializes a new instance of the CardPresentCredit class.</td>
</tr>
<tr>
<td>Name</td>
<td>Description</td>
</tr>
<tr>
<td>-------------------------------</td>
<td>---------------------------------------------------------------------------------------------------------------------------------------------</td>
</tr>
<tr>
<td>AddCardCode</td>
<td>The 3-digit Credit Card Code (CCV) on the back of the card (Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>AddCustomer</td>
<td>Adds a Customer record to the current request (Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>AddDuty(Decimal)</td>
<td>Adds a tax value to the request (Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>AddDuty(Decimal, String, String)</td>
<td>Adds a detailed tax value to the request (Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>AddFraudCheck()</td>
<td>This method will pull the user's IP address for use with FDS. Only valid for Web-based transactions. (Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>AddFraudCheck(String)</td>
<td>This method adds the required values for Fraud Detection Suite. Your merchant must sign up for this service with Authorize.Net (Inherited from GatewayRequest.)</td>
</tr>
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<td>AddFreight(Decimal)</td>
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<tr>
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<td>AddLineItem</td>
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<td>This is where you can add custom values to the request, which will be returned to you in the response (Inherited from GatewayRequest.)</td>
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<tr>
<td>AddShipping</td>
<td>Adds a Shipping Record to the current request (Inherited from GatewayRequest.)</td>
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<td>Method</td>
<td>Description</td>
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<td>--------</td>
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</tr>
<tr>
<td><strong>AddTax(Decimal)</strong></td>
<td>Adds a tax value to the request (Inherited from <em>GatewayRequest</em>.)</td>
</tr>
<tr>
<td><strong>AddTax(Decimal, String, String)</strong></td>
<td>Adds a detailed tax value to the request (Inherited from <em>GatewayRequest</em>.)</td>
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<td><strong>Equals</strong></td>
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<tr>
<td><strong>ToPostString</strong></td>
<td>Outputs the queue as a delimited, URL-safe string for sending to Authorize.net as a form POST (Inherited from <em>GatewayRequest</em>.)</td>
</tr>
<tr>
<td><strong>ToString</strong></td>
<td>Returns a <em>String</em> that represents the current <em>Object</em>. (Inherited from <em>Object</em>.)</td>
</tr>
</tbody>
</table>
## Properties

<table>
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<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Address</td>
<td>Gets or sets the address.</td>
</tr>
<tr>
<td>AllowPartialAuth</td>
<td>Gets or sets the allow partial auth.</td>
</tr>
<tr>
<td>Amount</td>
<td>Gets or sets the amount.</td>
</tr>
<tr>
<td>ApiAction</td>
<td>(Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>AuthCode</td>
<td>(Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>AuthenticationIndicator</td>
<td>Gets or sets the authentication indicator.</td>
</tr>
<tr>
<td>BankABACode</td>
<td>Gets or sets the bank ABA code.</td>
</tr>
<tr>
<td>BankAccountName</td>
<td>Gets or sets the name of the bank account.</td>
</tr>
<tr>
<td>BankAccountNumber</td>
<td>(Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>BankAccountType</td>
<td>Gets or sets the type of the bank account.</td>
</tr>
<tr>
<td>BankCheckNumber</td>
<td>(Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>BankName</td>
<td>Gets or sets the name of the bank.</td>
</tr>
<tr>
<td>CardCode</td>
<td>(Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>CardholderAuthenticationValue</td>
<td>Gets or sets the cardholder authentication value.</td>
</tr>
<tr>
<td></td>
<td>(Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>Property</td>
<td>Description</td>
</tr>
<tr>
<td>--------------</td>
<td>-----------------------------------------------------------------------------</td>
</tr>
<tr>
<td>CardNum</td>
<td>Gets or sets the credit card number.</td>
</tr>
<tr>
<td>City</td>
<td>Gets or sets the city.</td>
</tr>
<tr>
<td>Company</td>
<td>Gets or sets the company.</td>
</tr>
<tr>
<td>Country</td>
<td>Gets or sets the country.</td>
</tr>
<tr>
<td>CustId</td>
<td>Gets or sets the cust id.</td>
</tr>
<tr>
<td>CustomerIp</td>
<td>Gets or sets the customer ip.</td>
</tr>
<tr>
<td>DelimChar</td>
<td>Gets or sets the delim char.</td>
</tr>
<tr>
<td>DelimData</td>
<td>Gets or sets the delim data.</td>
</tr>
<tr>
<td>Description</td>
<td>Gets or sets the description.</td>
</tr>
<tr>
<td>DuplicateWindow</td>
<td>Gets or sets the duplicate window - the am.</td>
</tr>
<tr>
<td>Duty</td>
<td>Gets or sets the duty.</td>
</tr>
<tr>
<td>EcheckType</td>
<td>Gets or sets the type of the echeck.</td>
</tr>
<tr>
<td>Email</td>
<td>Gets or sets the email.</td>
</tr>
<tr>
<td>EmailCustomer</td>
<td>Gets or sets the email customer.</td>
</tr>
<tr>
<td>EncapChar</td>
<td>Gets or sets the encap char.</td>
</tr>
<tr>
<td>ExpDate</td>
<td>Gets or sets the exp date.</td>
</tr>
<tr>
<td>Fax</td>
<td>Gets or sets the fax.</td>
</tr>
<tr>
<td></td>
<td>Gets or sets the first name.</td>
</tr>
<tr>
<td>Property</td>
<td>Description</td>
</tr>
<tr>
<td>---------------------</td>
<td>-----------------------------------------------------------------------------</td>
</tr>
<tr>
<td>FirstName</td>
<td>Gets or sets the first name of the ship</td>
</tr>
<tr>
<td>FooterEmailReceipt</td>
<td>Gets or sets the footer email receipt.</td>
</tr>
<tr>
<td>Freight</td>
<td>Gets or sets the freight.</td>
</tr>
<tr>
<td>HeaderEmailReceipt</td>
<td>Gets or sets the header email receipt.</td>
</tr>
<tr>
<td>InvoiceNum</td>
<td>Gets or sets the invoice number.</td>
</tr>
<tr>
<td>LastName</td>
<td>Gets or sets the last name.</td>
</tr>
<tr>
<td>LineItem</td>
<td>Gets or sets the line item.</td>
</tr>
<tr>
<td>Login</td>
<td>Gets or sets the login.</td>
</tr>
<tr>
<td>Method</td>
<td>Gets or sets the method.</td>
</tr>
<tr>
<td>Phone</td>
<td>Gets or sets the phone.</td>
</tr>
<tr>
<td>PoNum</td>
<td>Gets or sets the po number.</td>
</tr>
<tr>
<td>Post</td>
<td>(Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>RecurringBilling</td>
<td>Gets or sets the recurring billing.</td>
</tr>
<tr>
<td>RelayResponse</td>
<td>Gets or sets the relay response.</td>
</tr>
<tr>
<td>ShipToAddress</td>
<td>Gets or sets the ship to address.</td>
</tr>
<tr>
<td>ShipToCity</td>
<td>Gets or sets the ship to city.</td>
</tr>
<tr>
<td>ShipToCompany</td>
<td>Gets or sets the ship to company.</td>
</tr>
<tr>
<td>ShipToCountry</td>
<td>Gets or sets the ship to country.</td>
</tr>
<tr>
<td>Property</td>
<td>Description</td>
</tr>
<tr>
<td>---------------------</td>
<td>-----------------------------------------------------------------------------</td>
</tr>
<tr>
<td>ShipToFirstName</td>
<td>Gets or sets the last name of the ship to.</td>
</tr>
<tr>
<td>ShipToLastName</td>
<td></td>
</tr>
<tr>
<td>ShipToState</td>
<td>Gets or sets the state of the ship to.</td>
</tr>
<tr>
<td>ShipToZip</td>
<td>Gets or sets the ship to zip.</td>
</tr>
<tr>
<td>SplitTenderId</td>
<td>Gets or sets the split tender id.</td>
</tr>
<tr>
<td>State</td>
<td>Gets or sets the state.</td>
</tr>
<tr>
<td>Tax</td>
<td>Gets or sets the tax.</td>
</tr>
<tr>
<td>TaxExempt</td>
<td>Gets or sets the tax exempt.</td>
</tr>
<tr>
<td>TestRequest</td>
<td>Gets or sets the test request.</td>
</tr>
<tr>
<td>TranKey</td>
<td>Gets or sets the tran key.</td>
</tr>
<tr>
<td>TransId</td>
<td>Gets or sets the trans id.</td>
</tr>
<tr>
<td>Type</td>
<td>Gets or sets the type.</td>
</tr>
<tr>
<td>Version</td>
<td>Gets or sets the version.</td>
</tr>
<tr>
<td>Zip</td>
<td>Gets or sets the zip.</td>
</tr>
</tbody>
</table>
See Also

CardPresentCredit Class
AuthorizeNet Namespace

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CardPresentCredit Constructor

Initializes a new instance of the CardPresentCredit class.

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
C#

```csharp
public CardPresentCredit(
    string transactionID
)
```

**Visual Basic**

```vba
Public Sub New ( _
    transactionID As String _
)
```

**Visual C++**

```cpp
public:
CardPresentCredit(
    String^ transactionID
)
```

**Parameters**

transactionID
  Type: System::String
  The transaction ID.
See Also

CardPresentCredit Class
AuthorizeNet Namespace

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CardPresentCredit Methods

The **CardPresentCredit** type exposes the following members.
## Methods

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>AddCardCode</td>
<td>The 3-digit Credit Card Code (CCV) on the back of the card (Inherited from <code>GatewayRequest</code>.)</td>
</tr>
<tr>
<td>AddCustomer</td>
<td>Adds a Customer record to the current request (Inherited from <code>GatewayRequest</code>.)</td>
</tr>
<tr>
<td>AddDuty(Decimal)</td>
<td>Adds a tax value to the request (Inherited from <code>GatewayRequest</code>.)</td>
</tr>
<tr>
<td>AddDuty(Decimal, String, String)</td>
<td>Adds a detailed tax value to the request (Inherited from <code>GatewayRequest</code>.)</td>
</tr>
<tr>
<td>AddFraudCheck()</td>
<td>This method will pull the user's IP address for use with FDS. Only valid for Web-based transactions. (Inherited from <code>GatewayRequest</code>.)</td>
</tr>
<tr>
<td>AddFraudCheck(String)</td>
<td>This method adds the required values for Fraud Detection Suite. Your merchant must sign up for this service with Authorize.Net (Inherited from <code>GatewayRequest</code>.)</td>
</tr>
<tr>
<td>AddFreight(Decimal)</td>
<td>Adds a tax value to the request (Inherited from <code>GatewayRequest</code>.)</td>
</tr>
<tr>
<td>AddFreight(Decimal, String, String)</td>
<td>Adds a detailed tax value to the request (Inherited from <code>GatewayRequest</code>.)</td>
</tr>
<tr>
<td>AddInvoice</td>
<td>Adds an InvoiceNumber to the request (Inherited from <code>GatewayRequest</code>.)</td>
</tr>
<tr>
<td>AddLineItem</td>
<td>Adds a line item to the current order (Inherited from <code>GatewayRequest</code>.)</td>
</tr>
<tr>
<td>AddMerchantValue</td>
<td>This is where you can add custom values to the request, which will be returned to you in the response (Inherited from <code>GatewayRequest</code>.)</td>
</tr>
<tr>
<td>AddShipping</td>
<td>Adds a Shipping Record to the current request (Inherited from <code>GatewayRequest</code>.)</td>
</tr>
<tr>
<td>Method</td>
<td>Description</td>
</tr>
<tr>
<td>--------</td>
<td>-------------</td>
</tr>
<tr>
<td><strong>AddTax(Decimal)</strong></td>
<td>Adds a tax value to the request</td>
</tr>
<tr>
<td><strong>AddTax(Decimal, String, String)</strong></td>
<td>Adds a detailed tax value to the request</td>
</tr>
<tr>
<td><strong>Equals</strong></td>
<td>Determines whether the specified Object is equal to the current Object</td>
</tr>
<tr>
<td><strong>Get</strong></td>
<td>Gets the specified key from the request.</td>
</tr>
<tr>
<td><strong>GetHashCode</strong></td>
<td>Serves as a hash function for a particular type.</td>
</tr>
<tr>
<td><strong>GetType</strong></td>
<td>Gets the Type of the current instance.</td>
</tr>
<tr>
<td><strong>Queue</strong></td>
<td>Queues the specified key into the request.</td>
</tr>
<tr>
<td><strong>ToPostString</strong></td>
<td>Outputs the queue as a delimited, URL-safe string for sending to Authorize.net as a form POST</td>
</tr>
<tr>
<td><strong>ToString</strong></td>
<td>Returns a String that represents the current Object</td>
</tr>
</tbody>
</table>
See Also

CardPresentCredit Class
AuthorizeNet Namespace

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A .NET Library aimed at helping you get up to speed quickly with Authorize.NET
CardPresentCredit......AddDuty Method
CardPresentCredit Class See Also Send Feedback
## Overload List

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>AddDuty(Decimal)</td>
<td>Adds a tax value to the request</td>
</tr>
<tr>
<td>AddDuty(Decimal, String, String)</td>
<td>Adds a detailed tax value to the request</td>
</tr>
<tr>
<td></td>
<td>(Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td></td>
<td>(Inherited from GatewayRequest.)</td>
</tr>
</tbody>
</table>
See Also

CardPresentCredit Class
CardPresentCredit Members
AuthorizeNet Namespace

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A .NET Library aimed at helping you get up to speed quickly with Authorize.NET
CardPresentCredit...AddFraudCheck Method
CardPresentCredit Class See Also Send Feedback
<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>AddFraudCheck</td>
<td>This method will pull the user's IP address for use with FDS. Only valid for Web-based transactions. (Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>AddFraudCheck(String)</td>
<td>This method adds the required values for Fraud Detection Suite. Your merchant must sign up for this service with Authorize.Net (Inherited from GatewayRequest.)</td>
</tr>
</tbody>
</table>
See Also

CardPresentCredit Class
CardPresentCredit Members
AuthorizeNet Namespace

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A .NET Library aimed at helping you get up to speed quickly with Authorize.NET CardPresentCredit...AddFreight Method

CardPresentCredit Class See Also Send Feedback
### Overload List

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>AddFreight(Decimal)</td>
<td>Adds a tax value to the request (Inherited from <a href="#">GatewayRequest</a>.)</td>
</tr>
<tr>
<td>AddFreight(Decimal, String, String)</td>
<td>Adds a detailed tax value to the request (Inherited from <a href="#">GatewayRequest</a>.)</td>
</tr>
</tbody>
</table>
See Also

CardPresentCredit Class
CardPresentCredit Members
AuthorizeNet Namespace

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CardPresentCredit AddTax Method

CardPresentCredit Class See Also Send Feedback
# Overload List

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>AddTax(Decimal)</td>
<td>Adds a tax value to the request (Inherited from <a href="#">GatewayRequest</a>.)</td>
</tr>
<tr>
<td>AddTax(Decimal, String, String)</td>
<td>Adds a detailed tax value to the request (Inherited from <a href="#">GatewayRequest</a>.)</td>
</tr>
</tbody>
</table>
See Also

CardPresentCredit Class
CardPresentCredit Members
AuthorizeNet Namespace

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CardPresentCredit Properties

The CardPresentCredit type exposes the following members.
## Properties

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Address</td>
<td>Gets or sets the address.</td>
</tr>
<tr>
<td>AllowPartialAuth</td>
<td>Gets or sets the allow partial auth.</td>
</tr>
<tr>
<td>Amount</td>
<td>Gets or sets the amount.</td>
</tr>
<tr>
<td>ApiAction</td>
<td>(Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>AuthCode</td>
<td>(Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>AuthenticationIndicator</td>
<td>Gets or sets the authentication indicator.</td>
</tr>
<tr>
<td>BankABACode</td>
<td>Gets or sets the bank ABA code.</td>
</tr>
<tr>
<td>BankAccountName</td>
<td>Gets or sets the name of the bank account.</td>
</tr>
<tr>
<td>BankAccountNumber</td>
<td>Gets or sets the bank account number.</td>
</tr>
<tr>
<td>BankAccountType</td>
<td>Gets or sets the type of the bank account.</td>
</tr>
<tr>
<td>BankCheckNumber</td>
<td>Gets or sets the bank check number.</td>
</tr>
<tr>
<td>BankName</td>
<td>Gets or sets the name of the bank.</td>
</tr>
<tr>
<td>CardCode</td>
<td>Gets or sets the credit card code.</td>
</tr>
<tr>
<td>CardholderAuthenticationValue</td>
<td>Gets or sets the cardholder authentication value.</td>
</tr>
<tr>
<td>Field</td>
<td>Description</td>
</tr>
<tr>
<td>------------------------</td>
<td>-----------------------------------------------------------------------------</td>
</tr>
<tr>
<td>CardNum</td>
<td>Gets or sets the credit card number. (Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>City</td>
<td>Gets or sets the city. (Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>Company</td>
<td>Gets or sets the company. (Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>Country</td>
<td>Gets or sets the country. (Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>CustId</td>
<td>Gets or sets the cust id. (Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>CustomerIp</td>
<td>Gets or sets the customer ip. (Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>DelimChar</td>
<td>Gets or sets the delim char. (Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>DelimData</td>
<td>Gets or sets the delim data. (Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>Description</td>
<td>Gets or sets the description. (Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>DuplicateWindow</td>
<td>Gets or sets the duplicate window - the am. (Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>Duty</td>
<td>Gets or sets the duty. (Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>EcheckType</td>
<td>Gets or sets the type of the echeck. (Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>Email</td>
<td>Gets or sets the email. (Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>EmailCustomer</td>
<td>Gets or sets the email customer. (Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>EncapChar</td>
<td>Gets or sets the encap char. (Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>ExpDate</td>
<td>Gets or sets the exp date. (Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>Fax</td>
<td>Gets or sets the fax. (Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>FirstName</td>
<td>Gets or sets the first name.</td>
</tr>
<tr>
<td>Property</td>
<td>Description</td>
</tr>
<tr>
<td>---------------------</td>
<td>-----------------------------------------------------------------------------</td>
</tr>
<tr>
<td><strong>FirstName</strong></td>
<td>Gets or sets the first name of the ship</td>
</tr>
<tr>
<td><strong>FooterEmailReceipt</strong></td>
<td>Gets or sets the footer email receipt.</td>
</tr>
<tr>
<td><strong>Freight</strong></td>
<td>Gets or sets the freight.</td>
</tr>
<tr>
<td><strong>HeaderEmailReceipt</strong></td>
<td>Gets or sets the header email receipt.</td>
</tr>
<tr>
<td><strong>InvoiceNum</strong></td>
<td>Gets or sets the invoice num.</td>
</tr>
<tr>
<td><strong>LastName</strong></td>
<td>Gets or sets the last name.</td>
</tr>
<tr>
<td><strong>LineItem</strong></td>
<td>Gets or sets the line item.</td>
</tr>
<tr>
<td><strong>Login</strong></td>
<td>Gets or sets the login.</td>
</tr>
<tr>
<td><strong>Method</strong></td>
<td>Gets or sets the method.</td>
</tr>
<tr>
<td><strong>Phone</strong></td>
<td>Gets or sets the phone.</td>
</tr>
<tr>
<td><strong>PoNum</strong></td>
<td>Gets or sets the po number.</td>
</tr>
<tr>
<td><strong>Post</strong></td>
<td>(Inherited from GatewayRequest)</td>
</tr>
<tr>
<td><strong>RecurringBilling</strong></td>
<td>Gets or sets the recurring billing.</td>
</tr>
<tr>
<td><strong>RelayResponse</strong></td>
<td>Gets or sets the relay response.</td>
</tr>
<tr>
<td><strong>ShipToAddress</strong></td>
<td>Gets or sets the ship to address.</td>
</tr>
<tr>
<td><strong>ShipToCity</strong></td>
<td>Gets or sets the ship to city.</td>
</tr>
<tr>
<td><strong>ShipToCompany</strong></td>
<td>Gets or sets the ship to company.</td>
</tr>
<tr>
<td><strong>ShipToCountry</strong></td>
<td>Gets or sets the ship to country.</td>
</tr>
<tr>
<td>Property</td>
<td>Description</td>
</tr>
<tr>
<td>-------------------</td>
<td>------------------------------------------------------------------------------</td>
</tr>
<tr>
<td>ShipToFirstName</td>
<td>Gets or sets the last name of the ship to.</td>
</tr>
<tr>
<td>ShipToLastName</td>
<td></td>
</tr>
<tr>
<td>ShipToState</td>
<td>Gets or sets the state of the ship to.</td>
</tr>
<tr>
<td>ShipToZip</td>
<td>Gets or sets the ship to zip.</td>
</tr>
<tr>
<td>SplitTenderId</td>
<td>Gets or sets the split tender id.</td>
</tr>
<tr>
<td>State</td>
<td>Gets or sets the state.</td>
</tr>
<tr>
<td>Tax</td>
<td>Gets or sets the tax.</td>
</tr>
<tr>
<td>TaxExempt</td>
<td>Gets or sets the tax exempt.</td>
</tr>
<tr>
<td>TestRequest</td>
<td>Gets or sets the test request.</td>
</tr>
<tr>
<td>TranKey</td>
<td>Gets or sets the tran key.</td>
</tr>
<tr>
<td>TransId</td>
<td>Gets or sets the trans id.</td>
</tr>
<tr>
<td>Type</td>
<td>Gets or sets the type.</td>
</tr>
<tr>
<td>Version</td>
<td>Gets or sets the version.</td>
</tr>
<tr>
<td>Zip</td>
<td>Gets or sets the zip.</td>
</tr>
</tbody>
</table>
See Also

CardPresentCredit Class
AuthorizeNet Namespace

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CardPresentGateway Class

The gateway which runs the credit card transaction

**Namespace:** AuthorizeNet

**Assembly:** AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

C#

public class CardPresentGateway : Gateway, ICardPresentGateway

Visual Basic

Public Class CardPresentGateway
    Inherits Gateway
    Implements ICardPresentGateway

Visual C++

public ref class CardPresentGateway : public Gateway, ICardPresentGateway
Inheritance Hierarchy

System:::Object
AuthorizeNet:::Gateway
AuthorizeNet:::CardPresentGateway
See Also

CardPresentGateway Members
AuthorizeNet Namespace

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CardPresentGateway Members

CardPresentGateway Class Constructors Methods Properties See Also Send Feedback

The CardPresentGateway type exposes the following members.
## Constructors

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td><code>CardPresentGateway(String, String, Boolean)</code></td>
<td>Initializes a new instance of the <code>CardPresentGateway</code> class.</td>
</tr>
<tr>
<td><code>CardPresentGateway(String, String, String, DeviceType, Boolean)</code></td>
<td>Initializes a new instance of the <code>CardPresentGateway</code> class.</td>
</tr>
</tbody>
</table>
## Methods

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>DecideResponse</td>
<td>Decides the response.</td>
</tr>
<tr>
<td></td>
<td>(Inherited from Gateway.)</td>
</tr>
<tr>
<td></td>
<td>Determines whether the specified Object is equal to the current Object.</td>
</tr>
<tr>
<td>Equals</td>
<td>determines whether the specified Object is equal to the current Object.</td>
</tr>
<tr>
<td></td>
<td>(Inherited from Object.)</td>
</tr>
<tr>
<td>GetHashCode</td>
<td>Serves as a hash function for a particular type.</td>
</tr>
<tr>
<td></td>
<td>(Inherited from Object.)</td>
</tr>
<tr>
<td>GetType</td>
<td>Gets the Type of the current instance.</td>
</tr>
<tr>
<td></td>
<td>(Inherited from Object.)</td>
</tr>
<tr>
<td>Send(IGatewayRequest)</td>
<td>Sends the specified request.</td>
</tr>
<tr>
<td></td>
<td>(Inherited from Gateway.)</td>
</tr>
<tr>
<td>Send(IGatewayRequest, String)</td>
<td>Sends the specified request.</td>
</tr>
<tr>
<td></td>
<td>(Overrides Gateway..::..Send(IGatewayRequest, String).)</td>
</tr>
<tr>
<td>ToString</td>
<td>Returns a String that represents the current Object.</td>
</tr>
<tr>
<td></td>
<td>(Inherited from Object.)</td>
</tr>
</tbody>
</table>
## Properties

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>ApiLogin</td>
<td>(Inherited from Gateway.)</td>
</tr>
<tr>
<td>TestMode</td>
<td>(Inherited from Gateway.)</td>
</tr>
<tr>
<td>TransactionKey</td>
<td>(Inherited from Gateway.)</td>
</tr>
</tbody>
</table>
See Also

CardPresentGateway Class
AuthorizeNet Namespace

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C#  Visual Basic
Visual C++
Include Protected Members
Include Inherited Members
A .NET Library aimed at helping you get up to speed quickly with Authorize.NET
CardPresentGateway Constructor
CardPresentGateway Class See Also Send Feedback
<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td><code>CardPresentGateway(String, String, Boolean)</code></td>
<td>Initializes a new instance of the <code>CardPresentGateway</code> class.</td>
</tr>
<tr>
<td><code>CardPresentGateway(String, String, String, DeviceType, Boolean)</code></td>
<td>Initializes a new instance of the <code>CardPresentGateway</code> class.</td>
</tr>
</tbody>
</table>
See Also

CardPresentGateway Class
CardPresentGateway Members
AuthorizeNet Namespace

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CardPresentGateway Constructor (String, String, Boolean)
CardPresentGateway Class See Also Send Feedback

Initializes a new instance of the CardPresentGateway class.

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

C#

public CardPresentGateway(
    string apiLogin,
    string transactionKey,
    bool isTest
)

Visual Basic

Public Sub New ( _
    apiLogin As String, _
    transactionKey As String, _
    isTest As Boolean _
)

Visual C++

public:
CardPresentGateway(
    String^ apiLogin,
    String^ transactionKey,
    bool isTest
)

Parameters

apiLogin
    Type: System::...String
    The API login.

transactionKey
    Type: System::...String
    The transaction key.

isTest
    Type: System::...Boolean
if set to true [is test].
See Also

CardPresentGateway Class
CardPresentGateway Overload
AuthorizeNet Namespace

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CardPresentGateway Constructor (String, String, String, DeviceType, Boolean)

CardPresentGateway Class  See Also  Send Feedback

Initializes a new instance of the CardPresentGateway class.

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

C#

```csharp
public CardPresentGateway(
    string apiLogin,
    string transactionKey,
    string marketType,
    DeviceType deviceType,
    bool isTest
)
```

Visual Basic

```vbnet
Public Sub New (
    apiLogin As String,
    transactionKey As String,
    marketType As String,
    deviceType As DeviceType,
    isTest As Boolean
)
```

Visual C++

```cpp
public:
CardPresentGateway(
    String^ apiLogin,
    String^ transactionKey,
    String^ marketType,
    DeviceType deviceType,
    bool isTest
)
```

Parameters

**apiLogin**
Type: System::System::String
The API login.

**transactionKey**
Type: **System.String**
The transaction key.

`marketType`
Type: **System.String**
Type of the market.

`deviceType`
Type: **AuthorizeNet.DeviceType**
Type of the device.

`isTest`
Type: **System.Boolean**
if set to true [is test].
See Also

CardPresentGateway Class
CardPresentGateway Overload
AuthorizeNet Namespace

Copyright 2010, Authorize.NET
A.NET Library aimed at helping you get up to speed quickly with Authorize.NET CardPresentGateway Methods

The CardPresentGateway type exposes the following members.
## Methods

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>DecideResponse</strong></td>
<td>Decides the response.</td>
</tr>
<tr>
<td></td>
<td>(Inherited from Gateway.)</td>
</tr>
<tr>
<td></td>
<td>Determines whether the specified Object is equal to</td>
</tr>
<tr>
<td></td>
<td>the current Object.</td>
</tr>
<tr>
<td><strong>Equals</strong></td>
<td>Determines whether the specified Object is equal to</td>
</tr>
<tr>
<td></td>
<td>the current Object.</td>
</tr>
<tr>
<td></td>
<td>(Inherited from Object.)</td>
</tr>
<tr>
<td><strong>GetHashCode</strong></td>
<td>Serves as a hash function for a particular type.</td>
</tr>
<tr>
<td></td>
<td>(Inherited from Object.)</td>
</tr>
<tr>
<td><strong>GetType</strong></td>
<td>Gets the Type of the current instance.</td>
</tr>
<tr>
<td></td>
<td>(Inherited from Object.)</td>
</tr>
<tr>
<td><strong>Send(IGatewayRequest)</strong></td>
<td>Sends the specified request.</td>
</tr>
<tr>
<td></td>
<td>(Inherited from Gateway.)</td>
</tr>
<tr>
<td></td>
<td>Sends the specified request.</td>
</tr>
<tr>
<td></td>
<td>(Overrides Gateway::Send(IGatewayRequest, String).)</td>
</tr>
<tr>
<td><strong>ToString</strong></td>
<td>Returns a String that represents the current Object.</td>
</tr>
<tr>
<td></td>
<td>(Inherited from Object.)</td>
</tr>
</tbody>
</table>
See Also

CardPresentGateway Class
AuthorizeNet Namespace

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CardPresentGateway...Send Method

CardPresentGateway Class See Also Send Feedback
## Overload List

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Send(IGatewayRequest)</td>
<td>(Inherited from <a href="#">Gateway</a>.) Sends the specified request. (Overrides <a href="#">Gateway::Send(IGatewayRequest, String)</a>.)</td>
</tr>
<tr>
<td>Send(IGatewayRequest, String)</td>
<td></td>
</tr>
</tbody>
</table>
See Also

CardPresentGateway Class
CardPresentGateway Members
AuthorizeNet Namespace

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CardPresentGateway.Send Method (IGatewayRequest, String)

CardPresentGateway Class See Also Send Feedback

Sends the specified request.

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

C#

public override IGatewayResponse Send(IGatewayRequest request, string description)

Visual Basic

Public Overrides Function Send (request As IGatewayRequest, description As String) As IGatewayResponse

Visual C++

public:
virtual IGatewayResponse^ Send(IGatewayRequest^ request, String^ description)
}

override

Parameters

request
Type: AuthorizeNet::::IGatewayRequest
The request.

description
Type: System::::String
The description.

Return Value

Implements
ICardPresentGateway::Send(IGatewayRequest, String)
IGateway::Send(IGatewayRequest, String)
See Also

CardPresentGateway Class
Send Overload
AuthorizeNet Namespace

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CardPresentGateway Properties

The CardPresentGateway type exposes the following members.
## Properties

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>ApiLogin</td>
<td>(Inherited from Gateway.)</td>
</tr>
<tr>
<td>TestMode</td>
<td>(Inherited from Gateway.)</td>
</tr>
<tr>
<td>TransactionKey</td>
<td>(Inherited from Gateway.)</td>
</tr>
</tbody>
</table>
See Also

CardPresentGateway Class
AuthorizeNet Namespace

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A .NET Library aimed at helping you get up to speed quickly with Authorize.NET CardPresentPriorAuthCapture Class

Captures a prior authorization

**Namespace:** AuthorizeNet

**Assembly:** AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

**C#**

```csharp
public class CardPresentPriorAuthCapture : GatewayRequest
```

**Visual Basic**

```vbnet
Public Class CardPresentPriorAuthCapture
    Inherits GatewayRequest
```

**Visual C++**

```cpp
public ref class CardPresentPriorAuthCapture : public GatewayRequest
```
Inheritance Hierarchy

System::Object
AuthorizeNet::GatewayRequest
AuthorizeNet::CardPresentPriorAuthCapture
See Also

CardPresentPriorAuthCapture Members
AuthorizeNet Namespace

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CardPresentPriorAuthCapture Members

The **CardPresentPriorAuthCapture** type exposes the following members.
## Constructors

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>CardPresentPriorAuthCapture</td>
<td>Initializes a new instance of the CardPresentPriorAuthCapture class.</td>
</tr>
<tr>
<td>Name</td>
<td>Description</td>
</tr>
<tr>
<td>-------------------------------</td>
<td>-----------------------------------------------------------------------------</td>
</tr>
<tr>
<td><strong>AddCardCode</strong></td>
<td>The 3-digit Credit Card Code (CCV) on the back of the card</td>
</tr>
<tr>
<td></td>
<td>(Inherited from <a href="#">GatewayRequest</a>.)</td>
</tr>
<tr>
<td><strong>AddCustomer</strong></td>
<td>Adds a Customer record to the current request</td>
</tr>
<tr>
<td></td>
<td>(Inherited from <a href="#">GatewayRequest</a>.)</td>
</tr>
<tr>
<td><strong>AddDuty(Decimal)</strong></td>
<td>Adds a tax value to the request</td>
</tr>
<tr>
<td></td>
<td>(Inherited from <a href="#">GatewayRequest</a>.)</td>
</tr>
<tr>
<td><strong>AddDuty(Decimal, String, String)</strong></td>
<td>Adds a detailed tax value to the request</td>
</tr>
<tr>
<td></td>
<td>(Inherited from <a href="#">GatewayRequest</a>.)</td>
</tr>
<tr>
<td><strong>AddFraudCheck()</strong></td>
<td>This method will pull the user's IP address for use with FDS. Only valid for Web-based transactions.</td>
</tr>
<tr>
<td></td>
<td>(Inherited from <a href="#">GatewayRequest</a>.)</td>
</tr>
<tr>
<td><strong>AddFraudCheck(String)</strong></td>
<td>This method adds the required values for Fraud Detection Suite. Your merchant must sign up for this service with Authorize.Net</td>
</tr>
<tr>
<td></td>
<td>(Inherited from <a href="#">GatewayRequest</a>.)</td>
</tr>
<tr>
<td><strong>AddFreight(Decimal)</strong></td>
<td>Adds a tax value to the request</td>
</tr>
<tr>
<td></td>
<td>(Inherited from <a href="#">GatewayRequest</a>.)</td>
</tr>
<tr>
<td><strong>AddFreight(Decimal, String, String)</strong></td>
<td>Adds a detailed tax value to the request</td>
</tr>
<tr>
<td></td>
<td>(Inherited from <a href="#">GatewayRequest</a>.)</td>
</tr>
<tr>
<td><strong>AddInvoice</strong></td>
<td>Adds an InvoiceNumber to the request</td>
</tr>
<tr>
<td></td>
<td>(Inherited from <a href="#">GatewayRequest</a>.)</td>
</tr>
<tr>
<td><strong>AddLineItem</strong></td>
<td>Adds a line item to the current order</td>
</tr>
<tr>
<td></td>
<td>(Inherited from <a href="#">GatewayRequest</a>.)</td>
</tr>
<tr>
<td><strong>AddMerchantValue</strong></td>
<td>This is where you can add custom values to the request, which will be returned to you in the response</td>
</tr>
<tr>
<td></td>
<td>(Inherited from <a href="#">GatewayRequest</a>.)</td>
</tr>
<tr>
<td><strong>AddShipping</strong></td>
<td>Adds a Shipping Record to the current request</td>
</tr>
<tr>
<td></td>
<td>(Inherited from <a href="#">GatewayRequest</a>.)</td>
</tr>
<tr>
<td>Method</td>
<td>Description</td>
</tr>
<tr>
<td>--------</td>
<td>-------------</td>
</tr>
<tr>
<td>AddTax(Decimal)</td>
<td>Adds a tax value to the request (Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>AddTax(Decimal, String, String)</td>
<td>Adds a detailed tax value to the request (Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>Equals</td>
<td>Determines whether the specified Object is equal to the current Object. (Inherited from Object.)</td>
</tr>
<tr>
<td>Get</td>
<td>Gets the specified key from the request. (Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>GetHashCode</td>
<td>Serves as a hash function for a particular type. (Inherited from Object.)</td>
</tr>
<tr>
<td>GetType</td>
<td>Gets the Type of the current instance. (Inherited from Object.)</td>
</tr>
<tr>
<td>Queue</td>
<td>Queues the specified key into the request. (Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>ToPostString</td>
<td>Outputs the queue as a delimited, URL-safe string for sending to Authorize.net as a form POST (Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>ToString</td>
<td>Returns a String that represents the current Object. (Inherited from Object.)</td>
</tr>
</tbody>
</table>
## Properties

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Address</td>
<td>Gets or sets the address. (Inherited from <a href="#">GatewayRequest</a>)</td>
</tr>
<tr>
<td>AllowPartialAuth</td>
<td>Gets or sets the allow partial auth. (Inherited from <a href="#">GatewayRequest</a>)</td>
</tr>
<tr>
<td>Amount</td>
<td>Gets or sets the amount. (Inherited from <a href="#">GatewayRequest</a>)</td>
</tr>
<tr>
<td>ApiAction</td>
<td>(Inherited from <a href="#">GatewayRequest</a>)</td>
</tr>
<tr>
<td>AuthCode</td>
<td>Gets or sets the auth code. (Inherited from <a href="#">GatewayRequest</a>)</td>
</tr>
<tr>
<td>AuthenticationIndicator</td>
<td>Gets or sets the authentication indicator. (Inherited from <a href="#">GatewayRequest</a>)</td>
</tr>
<tr>
<td>BankABACode</td>
<td>Gets or sets the bank ABA code. (Inherited from <a href="#">GatewayRequest</a>)</td>
</tr>
<tr>
<td>BankAccountName</td>
<td>Gets or sets the name of the bank account. (Inherited from <a href="#">GatewayRequest</a>)</td>
</tr>
<tr>
<td>BankAccountNumber</td>
<td>Gets or sets the bank account number. (Inherited from <a href="#">GatewayRequest</a>)</td>
</tr>
<tr>
<td>BankAccountType</td>
<td>Gets or sets the type of the bank account. (Inherited from <a href="#">GatewayRequest</a>)</td>
</tr>
<tr>
<td>BankCheckNumber</td>
<td>Gets or sets the bank check number. (Inherited from <a href="#">GatewayRequest</a>)</td>
</tr>
<tr>
<td>BankName</td>
<td>Gets or sets the name of the bank. (Inherited from <a href="#">GatewayRequest</a>)</td>
</tr>
<tr>
<td>CardCode</td>
<td>Gets or sets the credit card code. (Inherited from <a href="#">GatewayRequest</a>)</td>
</tr>
<tr>
<td>CardholderAuthenticationValue</td>
<td>Gets or sets the cardholder authentication value. (Inherited from <a href="#">GatewayRequest</a>)</td>
</tr>
<tr>
<td>Property</td>
<td>Description</td>
</tr>
<tr>
<td>----------------</td>
<td>-----------------------------------------------</td>
</tr>
<tr>
<td>CardNum</td>
<td>Gets or sets the credit card number.</td>
</tr>
<tr>
<td>City</td>
<td>Gets or sets the city.</td>
</tr>
<tr>
<td>Company</td>
<td>Gets or sets the company.</td>
</tr>
<tr>
<td>Country</td>
<td>Gets or sets the country.</td>
</tr>
<tr>
<td>CustId</td>
<td>Gets or sets the cust id.</td>
</tr>
<tr>
<td>CustomerIp</td>
<td>Gets or sets the customer ip.</td>
</tr>
<tr>
<td>DelimChar</td>
<td>Gets or sets the delim char.</td>
</tr>
<tr>
<td>DelimData</td>
<td>Gets or sets the delim data.</td>
</tr>
<tr>
<td>Description</td>
<td>Gets or sets the description.</td>
</tr>
<tr>
<td>DuplicateWindow</td>
<td>Gets or sets the duplicate window - the am.</td>
</tr>
<tr>
<td>Duty</td>
<td>Gets or sets the duty.</td>
</tr>
<tr>
<td>EcheckType</td>
<td>Gets or sets the type of the echeck.</td>
</tr>
<tr>
<td>Email</td>
<td>Gets or sets the email.</td>
</tr>
<tr>
<td>EmailCustomer</td>
<td>Gets or sets the email customer.</td>
</tr>
<tr>
<td>EncapChar</td>
<td>Gets or sets the encap char.</td>
</tr>
<tr>
<td>ExpDate</td>
<td>Gets or sets the exp date.</td>
</tr>
<tr>
<td>Fax</td>
<td>Gets or sets the fax.</td>
</tr>
<tr>
<td></td>
<td>Gets or sets the first name.</td>
</tr>
<tr>
<td>Property</td>
<td>Description</td>
</tr>
<tr>
<td>-----------------------</td>
<td>-----------------------------------------------------------------------------</td>
</tr>
<tr>
<td>FirstName</td>
<td>Gets or sets the first name of the ship</td>
</tr>
<tr>
<td>FooterEmailReceipt</td>
<td>Gets or sets the footer email receipt.</td>
</tr>
<tr>
<td>Freight</td>
<td>Gets or sets the freight.</td>
</tr>
<tr>
<td>HeaderEmailReceipt</td>
<td>Gets or sets the header email receipt.</td>
</tr>
<tr>
<td>InvoiceNum</td>
<td>Gets or sets the invoice num.</td>
</tr>
<tr>
<td>LastName</td>
<td>Gets or sets the last name.</td>
</tr>
<tr>
<td>LineItem</td>
<td>Gets or sets the line item.</td>
</tr>
<tr>
<td>Login</td>
<td>Gets or sets the login.</td>
</tr>
<tr>
<td>Method</td>
<td>Gets or sets the method.</td>
</tr>
<tr>
<td>Phone</td>
<td>Gets or sets the phone.</td>
</tr>
<tr>
<td>PoNum</td>
<td>Gets or sets the po number.</td>
</tr>
<tr>
<td>Post</td>
<td>(Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>RecurringBilling</td>
<td>Gets or sets the recurring billing.</td>
</tr>
<tr>
<td>RelayResponse</td>
<td>Gets or sets the relay response.</td>
</tr>
<tr>
<td>ShipToAddress</td>
<td>Gets or sets the ship to address.</td>
</tr>
<tr>
<td>ShipToCity</td>
<td>Gets or sets the ship to city.</td>
</tr>
<tr>
<td>ShipToCompany</td>
<td>Gets or sets the ship to company.</td>
</tr>
<tr>
<td>ShipToCountry</td>
<td>Gets or sets the ship to country.</td>
</tr>
<tr>
<td></td>
<td>Gets or sets the first name of the ship</td>
</tr>
</tbody>
</table>
ShipToFirstName

Gets or sets the last name of the ship to.
(Inherited from GatewayRequest.)

ShipToLastName

Gets or sets the state of the ship to.
(Inherited from GatewayRequest.)

ShipToState

Gets or sets the ship to zip.
(Inherited from GatewayRequest.)

ShipToZip

Gets or sets the split tender id.
(Inherited from GatewayRequest.)

SplitTenderId

Gets or sets the state.
(Inherited from GatewayRequest.)

State

Gets or sets the tax.
(Inherited from GatewayRequest.)

Tax

Gets or sets the tax exempt.
(Inherited from GatewayRequest.)

TaxExempt

Gets or sets the test request.
(Inherited from GatewayRequest.)

TestRequest

Gets or sets the tran key.
(Inherited from GatewayRequest.)

TranKey

Gets or sets the trans id.
(Inherited from GatewayRequest.)

TransId

Gets or sets the type.
(Inherited from GatewayRequest.)

Type

Gets or sets the version.
(Inherited from GatewayRequest.)

Version

Gets or sets the zip.
(Inherited from GatewayRequest.)

Zip
See Also

CardPresentPriorAuthCapture Class
AuthorizeNet Namespace

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CardPresentPriorAuthCapture Constructor

Initialize a new instance of the CardPresentPriorAuthCapture class.

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

C#

public CardPresentPriorAuthCapture(
    string transactionID,
    decimal amount
)

Visual Basic

Public Sub New (_
    transactionID As String, _
    amount As Decimal _
)

Visual C++

public:
CardPresentPriorAuthCapture(
    String^ transactionID,
    Decimal amount
)

Parameters

transactionID
    Type: System::String
    The transaction ID.

amount
    Type: System::Decimal
    The amount.
See Also

CardPresentPriorAuthCapture Class
AuthorizeNet Namespace

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The [CardPresentPriorAuthCapture](#) type exposes the following members.
## Methods

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>AddCardCode</td>
<td>The 3-digit Credit Card Code (CCV) on the back of the card (Inherited from <a href="#">GatewayRequest</a>.)</td>
</tr>
<tr>
<td>AddCustomer</td>
<td>Adds a Customer record to the current request (Inherited from <a href="#">GatewayRequest</a>.)</td>
</tr>
<tr>
<td>AddDuty(Decimal)</td>
<td>Adds a tax value to the request (Inherited from <a href="#">GatewayRequest</a>.)</td>
</tr>
<tr>
<td>AddDuty(Decimal, String, String)</td>
<td>Adds a detailed tax value to the request (Inherited from <a href="#">GatewayRequest</a>.)</td>
</tr>
<tr>
<td>AddFraudCheck()</td>
<td>This method will pull the user's IP address for use with FDS. Only valid for Web-based transactions. (Inherited from <a href="#">GatewayRequest</a>.)</td>
</tr>
<tr>
<td>AddFraudCheck(String)</td>
<td>This method adds the required values for Fraud Detection Suite. Your merchant must sign up for this service with Authorize.Net (Inherited from <a href="#">GatewayRequest</a>.)</td>
</tr>
<tr>
<td>AddFreight(Decimal)</td>
<td>Adds a tax value to the request (Inherited from <a href="#">GatewayRequest</a>.)</td>
</tr>
<tr>
<td>AddFreight(Decimal, String, String)</td>
<td>Adds a detailed tax value to the request (Inherited from <a href="#">GatewayRequest</a>.)</td>
</tr>
<tr>
<td>AddInvoice</td>
<td>Adds an InvoiceNumber to the request (Inherited from <a href="#">GatewayRequest</a>.)</td>
</tr>
<tr>
<td>AddLineItem</td>
<td>Adds a line item to the current order (Inherited from <a href="#">GatewayRequest</a>.)</td>
</tr>
<tr>
<td>AddMerchantValue</td>
<td>This is where you can add custom values to the request, which will be returned to you in the response (Inherited from <a href="#">GatewayRequest</a>.)</td>
</tr>
<tr>
<td>AddShipping</td>
<td>Adds a Shipping Record to the current request (Inherited from <a href="#">GatewayRequest</a>.)</td>
</tr>
<tr>
<td>Method</td>
<td>Description</td>
</tr>
<tr>
<td>--------</td>
<td>-------------</td>
</tr>
<tr>
<td>AddTax(Decimal)</td>
<td>Adds a tax value to the request (Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>AddTax(Decimal, String, String)</td>
<td>Adds a detailed tax value to the request (Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>Equals</td>
<td>Determines whether the specified Object is equal to the current Object. (Inherited from Object.)</td>
</tr>
<tr>
<td>Get</td>
<td>Gets the specified key from the request. (Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>GetHashCode</td>
<td>Serves as a hash function for a particular type. (Inherited from Object.)</td>
</tr>
<tr>
<td>GetType</td>
<td>Gets the Type of the current instance. (Inherited from Object.)</td>
</tr>
<tr>
<td>Queue</td>
<td>Queues the specified key into the request. (Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>ToPostString</td>
<td>Outputs the queue as a delimited, URL-safe string for sending to Authorize.net as a form POST (Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>ToString</td>
<td>Returns a String that represents the current Object. (Inherited from Object.)</td>
</tr>
</tbody>
</table>
See Also

CardPresentPriorAuthCapture Class
AuthorizeNet Namespace

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CardPresentPriorAuthCapture:::::AddDuty Method

CardPresentPriorAuthCapture Class See Also Send Feedback
# Overload List

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>AddDuty(Decimal)</td>
<td>Adds a tax value to the request (Inherited from <code>GatewayRequest</code>.)</td>
</tr>
<tr>
<td>AddDuty(Decimal, String, String)</td>
<td>Adds a detailed tax value to the request (Inherited from <code>GatewayRequest</code>.)</td>
</tr>
</tbody>
</table>
See Also

CardPresentPriorAuthCapture Class
CardPresentPriorAuthCapture Members
AuthorizeNet Namespace

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CardPresentPriorAuthCapture:::AddFraudCheck Method

CardPresentPriorAuthCapture Class See Also Send Feedback
<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>AddFraudCheck()</td>
<td>This method will pull the user's IP address for use with FDS. Only valid for Web-based transactions. (Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>AddFraudCheck(String)</td>
<td>This method adds the required values for Fraud Detection Suite. Your merchant must sign up for this service with Authorize.Net (Inherited from GatewayRequest.)</td>
</tr>
</tbody>
</table>
See Also

CardPresentPriorAuthCapture Class
CardPresentPriorAuthCapture Members
AuthorizeNet Namespace

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CardPresentPriorAuthCapture..::..AddFreight Method

See Also

CardPresentPriorAuthCapture Class

Send Feedback
# Overload List

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>AddFreight(Decimal)</td>
<td>Adds a tax value to the request (Inherited from <code>GatewayRequest</code>.)</td>
</tr>
<tr>
<td>AddFreight(Decimal, String, String)</td>
<td>Adds a detailed tax value to the request (Inherited from <code>GatewayRequest</code>.)</td>
</tr>
</tbody>
</table>
See Also

CardPresentPriorAuthCapture Class
CardPresentPriorAuthCapture Members
AuthorizeNet Namespace

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A .NET Library aimed at helping you get up to speed quickly with Authorize.NET
CardPresentPriorAuthCapture...AddTax Method
CardPresentPriorAuthCapture Class See Also Send Feedback
<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>AddTax(Decimal)</td>
<td>Adds a tax value to the request (Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>AddTax(Decimal, String, String)</td>
<td>Adds a detailed tax value to the request (Inherited from GatewayRequest.)</td>
</tr>
</tbody>
</table>
See Also

CardPresentPriorAuthCapture Class
CardPresentPriorAuthCapture Members
AuthorizeNet Namespace

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CardPresentPriorAuthCapture Properties

The CardPresentPriorAuthCapture type exposes the following members.
## Properties

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
<th>Inherited from</th>
</tr>
</thead>
<tbody>
<tr>
<td>Address</td>
<td>Gets or sets the address.</td>
<td>GatewayRequest</td>
</tr>
<tr>
<td>AllowPartialAuth</td>
<td>Gets or sets the allow partial auth.</td>
<td>GatewayRequest</td>
</tr>
<tr>
<td>Amount</td>
<td>Gets or sets the amount.</td>
<td>GatewayRequest</td>
</tr>
<tr>
<td>ApiAction</td>
<td></td>
<td>GatewayRequest</td>
</tr>
<tr>
<td>AuthCode</td>
<td>Gets or sets the auth code.</td>
<td>GatewayRequest</td>
</tr>
<tr>
<td>AuthenticationIndicator</td>
<td>Gets or sets the authentication indicator.</td>
<td>GatewayRequest</td>
</tr>
<tr>
<td>BankABACode</td>
<td>Gets or sets the bank ABA code.</td>
<td>GatewayRequest</td>
</tr>
<tr>
<td>BankAccountName</td>
<td>Gets or sets the name of the bank account.</td>
<td>GatewayRequest</td>
</tr>
<tr>
<td>BankAccountNumber</td>
<td>Gets or sets the bank account number.</td>
<td>GatewayRequest</td>
</tr>
<tr>
<td>BankAccountType</td>
<td>Gets or sets the type of the bank account.</td>
<td>GatewayRequest</td>
</tr>
<tr>
<td>BankCheckNumber</td>
<td>Gets or sets the bank check number.</td>
<td>GatewayRequest</td>
</tr>
<tr>
<td>BankName</td>
<td>Gets or sets the name of the bank.</td>
<td>GatewayRequest</td>
</tr>
<tr>
<td>CardCode</td>
<td>Gets or sets the credit card code.</td>
<td>GatewayRequest</td>
</tr>
<tr>
<td>CardholderAuthenticationValue</td>
<td>Gets or sets the cardholder authentication value.</td>
<td>GatewayRequest</td>
</tr>
<tr>
<td>Property</td>
<td>Description</td>
<td>Inheritance</td>
</tr>
<tr>
<td>----------------</td>
<td>------------------------------------------------------------------------------</td>
<td>----------------------------------</td>
</tr>
<tr>
<td>CardNum</td>
<td>Gets or sets the credit card number.</td>
<td>(Inherited from GatewayRequest)</td>
</tr>
<tr>
<td>City</td>
<td>Gets or sets the city.</td>
<td>(Inherited from GatewayRequest)</td>
</tr>
<tr>
<td>Company</td>
<td>Gets or sets the company.</td>
<td>(Inherited from GatewayRequest)</td>
</tr>
<tr>
<td>Country</td>
<td>Gets or sets the country.</td>
<td>(Inherited from GatewayRequest)</td>
</tr>
<tr>
<td>CustId</td>
<td>Gets or sets the cust id.</td>
<td>(Inherited from GatewayRequest)</td>
</tr>
<tr>
<td>CustomerIp</td>
<td>Gets or sets the customer ip.</td>
<td>(Inherited from GatewayRequest)</td>
</tr>
<tr>
<td>DelimChar</td>
<td>Gets or sets the delim char.</td>
<td>(Inherited from GatewayRequest)</td>
</tr>
<tr>
<td>DelimData</td>
<td>Gets or sets the delim data.</td>
<td>(Inherited from GatewayRequest)</td>
</tr>
<tr>
<td>Description</td>
<td>Gets or sets the description.</td>
<td>(Inherited from GatewayRequest)</td>
</tr>
<tr>
<td>DuplicateWindow</td>
<td>Gets or sets the duplicate window - the am.</td>
<td>(Inherited from GatewayRequest)</td>
</tr>
<tr>
<td>Duty</td>
<td>Gets or sets the duty.</td>
<td>(Inherited from GatewayRequest)</td>
</tr>
<tr>
<td>EcheckType</td>
<td>Gets or sets the type of the echeck.</td>
<td>(Inherited from GatewayRequest)</td>
</tr>
<tr>
<td>Email</td>
<td>Gets or sets the email.</td>
<td>(Inherited from GatewayRequest)</td>
</tr>
<tr>
<td>EmailCustomer</td>
<td>Gets or sets the email customer.</td>
<td>(Inherited from GatewayRequest)</td>
</tr>
<tr>
<td>EncapChar</td>
<td>Gets or sets the encap char.</td>
<td>(Inherited from GatewayRequest)</td>
</tr>
<tr>
<td>ExpDate</td>
<td>Gets or sets the exp date.</td>
<td>(Inherited from GatewayRequest)</td>
</tr>
<tr>
<td>Fax</td>
<td>Gets or sets the fax.</td>
<td>(Inherited from GatewayRequest)</td>
</tr>
<tr>
<td>Firstname</td>
<td>Gets or sets the first name.</td>
<td></td>
</tr>
<tr>
<td>Property</td>
<td>Description</td>
<td>Inherited From</td>
</tr>
<tr>
<td>-----------------------</td>
<td>-----------------------------------------------------------------------------</td>
<td>-------------------------</td>
</tr>
<tr>
<td>FirstName</td>
<td>(Inherited from <a href="#">GatewayRequest</a>). Gets or sets the first name of the ship</td>
<td></td>
</tr>
<tr>
<td>FooterEmailReceipt</td>
<td>Gets or sets the footer email receipt. (Inherited from <a href="#">GatewayRequest</a>).</td>
<td></td>
</tr>
<tr>
<td>Freight</td>
<td>Gets or sets the freight. (Inherited from <a href="#">GatewayRequest</a>).</td>
<td></td>
</tr>
<tr>
<td>HeaderEmailReceipt</td>
<td>Gets or sets the header email receipt. (Inherited from <a href="#">GatewayRequest</a>).</td>
<td></td>
</tr>
<tr>
<td>InvoiceNum</td>
<td>Gets or sets the invoice num. (Inherited from <a href="#">GatewayRequest</a>).</td>
<td></td>
</tr>
<tr>
<td>LastName</td>
<td>Gets or sets the last name. (Inherited from <a href="#">GatewayRequest</a>).</td>
<td></td>
</tr>
<tr>
<td>LineItem</td>
<td>Gets or sets the line item. (Inherited from <a href="#">GatewayRequest</a>).</td>
<td></td>
</tr>
<tr>
<td>Login</td>
<td>Gets or sets the login. (Inherited from <a href="#">GatewayRequest</a>).</td>
<td></td>
</tr>
<tr>
<td>Method</td>
<td>Gets or sets the method. (Inherited from <a href="#">GatewayRequest</a>).</td>
<td></td>
</tr>
<tr>
<td>Phone</td>
<td>Gets or sets the phone. (Inherited from <a href="#">GatewayRequest</a>).</td>
<td></td>
</tr>
<tr>
<td>PoNum</td>
<td>Gets or sets the po number. (Inherited from <a href="#">GatewayRequest</a>).</td>
<td></td>
</tr>
<tr>
<td>Post</td>
<td>(Inherited from <a href="#">GatewayRequest</a>).</td>
<td></td>
</tr>
<tr>
<td>RecurringBilling</td>
<td>Gets or sets the recurring billing. (Inherited from <a href="#">GatewayRequest</a>).</td>
<td></td>
</tr>
<tr>
<td>RelayResponse</td>
<td>Gets or sets the relay response. (Inherited from <a href="#">GatewayRequest</a>).</td>
<td></td>
</tr>
<tr>
<td>ShipToAddress</td>
<td>Gets or sets the ship to address. (Inherited from <a href="#">GatewayRequest</a>).</td>
<td></td>
</tr>
<tr>
<td>ShipToCity</td>
<td>Gets or sets the ship to city. (Inherited from <a href="#">GatewayRequest</a>).</td>
<td></td>
</tr>
<tr>
<td>ShipToCompany</td>
<td>Gets or sets the ship to company. (Inherited from <a href="#">GatewayRequest</a>).</td>
<td></td>
</tr>
<tr>
<td>ShipToCountry</td>
<td>Gets or sets the ship to country. (Inherited from <a href="#">GatewayRequest</a>).</td>
<td></td>
</tr>
</tbody>
</table>
ShipToFirstName

Gets or sets the last name of the ship to.
(Inherited from GatewayRequest.)

ShipToLastName

Gets or sets the state of the ship to.
(Inherited from GatewayRequest.)

ShipToState

Gets or sets the state.
(Inherited from GatewayRequest.)

ShipToZip

Gets or sets the ship to zip.
(Inherited from GatewayRequest.)

SplitTenderId

Gets or sets the split tender id.
(Inherited from GatewayRequest.)

State

Gets or sets the state.
(Inherited from GatewayRequest.)

Tax

Gets or sets the tax.
(Inherited from GatewayRequest.)

TaxExempt

Gets or sets the tax exempt.
(Inherited from GatewayRequest.)

TestRequest

Gets or sets the test request.
(Inherited from GatewayRequest.)

TranKey

Gets or sets the tran key.
(Inherited from GatewayRequest.)

TransId

Gets or sets the trans id.
(Inherited from GatewayRequest.)

Type

Gets or sets the type.
(Inherited from GatewayRequest.)

Version

Gets or sets the version.
(Inherited from GatewayRequest.)

Zip

Gets or sets the zip.
(Inherited from GatewayRequest.)
See Also

CardPresentPriorAuthCapture Class
AuthorizeNet Namespace

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CardPresentResponse Class

Parses the response from the transaction (a piped string) into a representational class

**Namespace:** AuthorizeNet

**Assembly:** AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
## Syntax

### C#

```csharp
public class CardPresentResponse : ResponseBase, IGatewayResponse
```

### Visual Basic

```vbnet
Public Class CardPresentResponse
    Inherits ResponseBase
    Implements IGatewayResponse
```

### Visual C++

```cpp
public ref class CardPresentResponse : public ResponseBase, IGatewayResponse
```
Inheritance Hierarchy

System..::..Object
  AuthorizeNet..::..ResponseBase
    AuthorizeNet..::..CardPresentResponse
See Also

CardPresentResponse Members
AuthorizeNet Namespace

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The `CardPresentResponse` type exposes the following members.
## Constructors

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>CardPresentResponse</td>
<td>Initializes a new instance of the CardPresentResponse class.</td>
</tr>
</tbody>
</table>
## Methods

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Equals</strong></td>
<td>Determines whether the specified <a href="#">Object</a> is equal to the current <a href="#">Object</a>. (Inherited from <a href="#">Object</a>.)</td>
</tr>
<tr>
<td><strong>FindByValue</strong></td>
<td>(Inherited from <a href="#">ResponseBase</a>.)</td>
</tr>
<tr>
<td><strong>GetHashCode</strong></td>
<td>Serves as a hash function for a particular type. (Inherited from <a href="#">Object</a>.)</td>
</tr>
<tr>
<td><strong>GetType</strong></td>
<td>Gets the <a href="#">Type</a> of the current instance. (Inherited from <a href="#">Object</a>.)</td>
</tr>
<tr>
<td><strong>ToString</strong></td>
<td>(Inherited from <a href="#">ResponseBase</a>.)</td>
</tr>
</tbody>
</table>
## Fields

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>RawResponse</td>
<td>(Inherited from ResponseBase.)</td>
</tr>
<tr>
<td>Name</td>
<td>Description</td>
</tr>
<tr>
<td>------------------</td>
<td>----------------------------------------------------------------------------</td>
</tr>
<tr>
<td>Amount</td>
<td>Gets the amount.</td>
</tr>
<tr>
<td>Approved</td>
<td>Gets a value indicating whether this CardPresentResponse is approved.</td>
</tr>
<tr>
<td>AuthorizationCode</td>
<td>Gets the authorization code.</td>
</tr>
<tr>
<td>AVSResponse</td>
<td>Gets the AVS response.</td>
</tr>
<tr>
<td>CardCodeResponse</td>
<td>Gets the card code response.</td>
</tr>
<tr>
<td>CardNumber</td>
<td>Gets the card number.</td>
</tr>
<tr>
<td>InvoiceNumber</td>
<td>Gets the invoice number.</td>
</tr>
<tr>
<td>MD5Hash</td>
<td>Gets the MD5 hash.</td>
</tr>
<tr>
<td>Message</td>
<td>Gets the message.</td>
</tr>
<tr>
<td>RemainingBalanceOnCard</td>
<td>Gets the remaining balance on card.</td>
</tr>
<tr>
<td>RequestedAmount</td>
<td>Gets the requested amount.</td>
</tr>
<tr>
<td>ResponseCode</td>
<td>Gets the response code.</td>
</tr>
<tr>
<td>SplitTenderID</td>
<td>Gets the split tender ID.</td>
</tr>
<tr>
<td>TransactionID</td>
<td>Gets the transaction ID.</td>
</tr>
<tr>
<td>UserReference</td>
<td>Gets the user reference.</td>
</tr>
</tbody>
</table>
See Also

CardPresentResponse Class
AuthorizeNet Namespace

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CardPresentResponse Constructor

Initialize a new instance of the CardPresentResponse class.

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

C#

public CardPresentResponse(
    string[] RawResponse
)

Visual Basic

Public Sub New (_
    RawResponse As String() _
)

Visual C++

public:
CardPresentResponse(
    array<String>^ RawResponse
)

Parameters

RawResponse
    Type: array<System::String^>[0][]
    The raw response.
See Also

CardPresentResponse Class
AuthorizeNet Namespace

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CardPresentResponse Fields

The `CardPresentResponse` type exposes the following members.
## Fields

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>RawResponse</td>
<td>(Inherited from <a href="#">ResponseBase</a>)</td>
</tr>
</tbody>
</table>
See Also

CardPresentResponse Class
AuthorizeNet Namespace

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CardPresentResponse Methods

CardPresentResponse Class  See Also  Send Feedback

The CardPresentResponse type exposes the following members.
## Methods

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Equals</strong></td>
<td>Determines whether the specified <a href="https://docs.microsoft.com/en-us/dotnet/api/system.object">Object</a> is equal to the current <a href="https://docs.microsoft.com/en-us/dotnet/api/system.object">Object</a>. (Inherited from <a href="https://docs.microsoft.com/en-us/dotnet/api/system.object">Object</a>.)</td>
</tr>
<tr>
<td><strong>FindByValue</strong></td>
<td>(Inherited from <a href="https://docs.microsoft.com/en-us/dotnet/api/system.web.http.responsebase">ResponseBase</a>.)</td>
</tr>
<tr>
<td><strong>GetHashCode</strong></td>
<td>Serves as a hash function for a particular type. (Inherited from <a href="https://docs.microsoft.com/en-us/dotnet/api/system.object">Object</a>.)</td>
</tr>
<tr>
<td><strong>GetType</strong></td>
<td>Gets the <a href="https://docs.microsoft.com/en-us/dotnet/api/system.type">Type</a> of the current instance. (Inherited from <a href="https://docs.microsoft.com/en-us/dotnet/api/system.object">Object</a>.)</td>
</tr>
<tr>
<td><strong>ToString</strong></td>
<td>(Inherited from <a href="https://docs.microsoft.com/en-us/dotnet/api/system.web.http.responsebase">ResponseBase</a>.)</td>
</tr>
</tbody>
</table>
See Also

CardPresentResponse Class
AuthorizeNet Namespace

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The CardPresentResponse type exposes the following members.
## Properties

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Amount</td>
<td>Gets the amount.</td>
</tr>
<tr>
<td>Approved</td>
<td>Gets a value indicating whether this CardPresentResponse is approved.</td>
</tr>
<tr>
<td>AuthorizationCode</td>
<td>Gets the authorization code.</td>
</tr>
<tr>
<td>AVSResponse</td>
<td>Gets the AVS response.</td>
</tr>
<tr>
<td>CardCodeResponse</td>
<td>Gets the card code response.</td>
</tr>
<tr>
<td>CardNumber</td>
<td>Gets the card number.</td>
</tr>
<tr>
<td>InvoiceNumber</td>
<td>Gets the invoice number.</td>
</tr>
<tr>
<td>MD5Hash</td>
<td>Gets the MD5 hash.</td>
</tr>
<tr>
<td>Message</td>
<td>Gets the message.</td>
</tr>
<tr>
<td>RemainingBalanceOnCard</td>
<td>Gets the remaining balance on card.</td>
</tr>
<tr>
<td>RequestedAmount</td>
<td>Gets the requested amount.</td>
</tr>
<tr>
<td>ResponseCode</td>
<td>Gets the response code.</td>
</tr>
<tr>
<td>SplitTenderID</td>
<td>Gets the split tender ID.</td>
</tr>
<tr>
<td>TransactionID</td>
<td>Gets the transaction ID.</td>
</tr>
<tr>
<td>UserReference</td>
<td>Gets the user reference.</td>
</tr>
</tbody>
</table>
See Also

CardPresentResponse Class
AuthorizeNet Namespace

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CardPresentResponse.Amount Property
See Also: CardPresentResponse Class
Gets the amount.

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

C#

public decimal Amount { get; }

Visual Basic

Public ReadOnly Property Amount As Decimal
Get

Visual C++

public:
virtual property Decimal Amount {
    Decimal get () sealed;
}

Field Value

The amount.

Implements

IGatewayResponse.,.,.,Amount
See Also

CardPresentResponse Class
AuthorizeNet Namespace

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CardPresentResponse...:..Approved Property
See Also: Send Feedback

Gets a value indicating whether this CardPresentResponse is approved.

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

C#

```csharp
public bool Approved { get; }
```

Visual Basic

```vbnet
Public ReadOnly Property Approved As Boolean
    Get
```

Visual C++

```cpp
public:
    virtual property bool Approved {
        bool get () sealed;
    }
```

Field Value

true if approved; otherwise, false.

Implements

```csharp
IGatewayResponse::Approved
```
See Also

CardPresentResponse Class
AuthorizeNet Namespace

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CardPresentResponse......AuthorizationCode Property
CardPresentResponse Class See Also Send Feedback

Gets the authorization code.

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
### Syntax

**C#**

```csharp
public string AuthorizationCode { get; }
```

**Visual Basic**

```vbnet
Public Readonly Property AuthorizationCode As String
Get
```

**Visual C++**

```cpp
public:
virtual property String^ AuthorizationCode { 
    String^ get () sealed;
}
```

### Field Value

The authorization code.

### Implements

IGatewayResponse:::AuthorizationCode
See Also

CardPresentResponse Class
AuthorizeNet Namespace

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CardPresentResponse...AVSResponse Property
CardPresentResponse Class See Also Send Feedback
Gets the AVS response.

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

C#

public string AVSResponse { get; }

Visual Basic

Public ReadOnly Property AVSResponse As String
Get
    AVSResponse
End Get

Visual C++

public:
property String^ AVSResponse {
    String^ get ()
}

Field Value

The AVS response.
See Also

CardPresentResponse Class
AuthorizeNet Namespace

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CardPresentResponse...: CardCodeResponse Property

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0

Gets the card code response.
Syntax

C#

public string CardCodeResponse { get; }

Visual Basic

Public ReadOnly Property CardCodeResponse As String
Get

Visual C++

public:
property String^ CardCodeResponse {
String^ get ();
}

Field Value

The card code response.
See Also

CardPresentResponse Class
AuthorizeNet Namespace

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CardPresentResponse... CardNumber Property

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

**C#**

```csharp
public string CardNumber { get; }
```

**Visual Basic**

```vbnet
Public ReadOnly Property CardNumber As String
Get
```

**Visual C++**

```cpp
public:
virtual property String^ CardNumber { 
    String^ get () sealed;
}
```

**Field Value**

The card number.

**Implements**

`IGatewayResponse`, `CardNumber`
See Also

CardPresentResponse Class
AuthorizeNet Namespace

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A .NET Library aimed at helping you get up to speed quickly with Authorize.NET CardPresentResponse.

**InvoiceNumber Property**

Gets the invoice number.

**Namespace:** AuthorizeNet

**Assembly:** AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

C#

public string InvoiceNumber { get; }

Visual Basic

Public ReadOnly Property InvoiceNumber As String
Get

Visual C++

public:
virtual property String^ InvoiceNumber {
    String^ get () sealed;
}

Field Value

The invoice number.

Implements

IGatewayResponse,, InvoiceNumber
See Also

CardPresentResponse Class
AuthorizeNet Namespace

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CardPresentResponse...MD5Hash Property
CardPresentResponse Class See Also Send Feedback

Gets the MD5 hash.

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

C#

public string MD5Hash { get; }

Visual Basic

Public ReadOnly Property MD5Hash As String
    Get

Visual C++

public:
    property String^ MD5Hash { 
        String^ get ();
    }

Field Value

The MD5 hash.
See Also

CardPresentResponse Class
AuthorizeNet Namespace

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CardPresentResponse Class See Also Send Feedback

Gets the message.

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

C#

public string Message { get; }

Visual Basic

Public ReadOnly Property Message As String
    Get
    
Visual C++

public:
    virtual property String^ Message { 
        String^ get () sealed;
    }

Field Value

The message.

Implements

IGatewayResponse:::Message
See Also

CardPresentResponse Class
AuthorizeNet Namespace

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CardPresentResponse. RemainingBalanceOnCard Property

Gets the remaining balance on card.

**Namespace:** AuthorizeNet

**Assembly:** AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
**Syntax**

**C#**

```csharp
public decimal RemainingBalanceOnCard { get; }
```

**Visual Basic**

```vbnet
Public ReadOnly Property RemainingBalanceOnCard As Decimal
    Get
```

**Visual C++**

```cpp
public:
property Decimal RemainingBalanceOnCard {
    Decimal get ();
}
```

**Field Value**

The remaining balance on card.
See Also

CardPresentResponse Class
AuthorizeNet Namespace

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CardPresentResponse. RequestedAmount Property
CardPresentResponse Class See Also Send Feedback

Gets the requested amount.

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

C#

public decimal RequestedAmount { get; }

Visual Basic

Public ReadOnly Property RequestedAmount As Decimal
Get

Visual C++

public:
property Decimal RequestedAmount {
    Decimal get ();
}

Field Value

The requested amount.
See Also

CardPresentResponse Class
AuthorizeNet Namespace

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CardPresentResponse..:.ResponseCode Property

Gets the response code.

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
## Syntax

### C#

```csharp
public string ResponseCode { get; }
```

### Visual Basic

```vbnet
Public ReadOnly Property ResponseCode As String
Get
```

### Visual C++

```cpp
public:
virtual property String^ ResponseCode { 
    String^ get () sealed;
}
```

## Field Value

The response code.

## Implements

`IGatewayResponse::ResponseCode`
See Also

CardPresentResponse Class
AuthorizeNet Namespace

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CardPresentResponse.SplitTenderID Property

Gets the split tender ID.

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
### Syntax

**C#**

```csharp
public string SplitTenderID { get; }
```

**Visual Basic**

```vbnet
Public ReadOnly Property SplitTenderID As String
Get
End Get
```

**Visual C++**

```csharp
public:
property String^ SplitTenderID {
    String^ get ();
}
```

### Field Value

The split tender ID.
See Also

CardPresentResponse Class
AuthorizeNet Namespace

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CardPresentResponse

Get the transaction ID.

**Namespace:** AuthorizeNet

**Assembly:** AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

C#

public string TransactionID { get; }

Visual Basic

Public ReadOnly Property TransactionID As String
Get

Visual C++

public:
virtual property String^ TransactionID { 
String^ get () sealed;
}

Field Value

The transaction ID.

Implements

IGatewayResponse,::,::,TransactionID
See Also

CardPresentResponse Class
AuthorizeNet Namespace

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CardPresentResponse.UserReference Property

Gets the user reference.

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

**C#**

```csharp
public string UserReference { get; }
```

**Visual Basic**

```vbnet
Public ReadOnly Property UserReference As String
Get
```

**Visual C++**

```cpp
public:
property String^ UserReference {
    String^ get ();
}
```

**Field Value**

The user reference.
See Also

CardPresentResponse Class
AuthorizeNet Namespace

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CardPresentVoid Class

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0

A Cardpresent Void transaction
Syntax

C#

public class CardPresentVoid : GatewayRequest

Visual Basic

Public Class CardPresentVoid
    Inherits GatewayRequest

Visual C++

public ref class CardPresentVoid : public GatewayRequest
Inheritance Hierarchy

System...Object
AuthorizeNet...GatewayRequest
AuthorizeNet...CardPresentVoid
See Also

CardPresentVoid Members
AuthorizeNet Namespace

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CardPresentVoid Members

CardPresentVoid Class Constructors Methods Properties See Also Send Feedback

The CardPresentVoid type exposes the following members.
## Constructors

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>CardPresentVoid</td>
<td>Initializes a new instance of the CardPresentVoid class.</td>
</tr>
</tbody>
</table>
## Methods

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>AddCardCode</strong></td>
<td>The 3-digit Credit Card Code (CCV) on the back of the card (Inherited from <a href="#">GatewayRequest</a>.)</td>
</tr>
<tr>
<td><strong>AddCustomer</strong></td>
<td>Adds a Customer record to the current request (Inherited from <a href="#">GatewayRequest</a>.)</td>
</tr>
<tr>
<td><strong>AddDuty(Decimal)</strong></td>
<td>Adds a tax value to the request (Inherited from <a href="#">GatewayRequest</a>.)</td>
</tr>
<tr>
<td><strong>AddDuty(Decimal, String, String)</strong></td>
<td>Adds a detailed tax value to the request (Inherited from <a href="#">GatewayRequest</a>.)</td>
</tr>
<tr>
<td><strong>AddFraudCheck()</strong></td>
<td>This method will pull the user's IP address for use with FDS. Only valid for Web-based transactions. (Inherited from <a href="#">GatewayRequest</a>.)</td>
</tr>
<tr>
<td><strong>AddFraudCheck(String)</strong></td>
<td>This method adds the required values for Fraud Detection Suite. Your merchant must sign up for this service with Authorize.Net (Inherited from <a href="#">GatewayRequest</a>.)</td>
</tr>
<tr>
<td><strong>AddFreight(Decimal)</strong></td>
<td>Adds a tax value to the request (Inherited from <a href="#">GatewayRequest</a>.)</td>
</tr>
<tr>
<td><strong>AddFreight(Decimal, String, String)</strong></td>
<td>Adds a detailed tax value to the request (Inherited from <a href="#">GatewayRequest</a>.)</td>
</tr>
<tr>
<td><strong>AddInvoice</strong></td>
<td>Adds an InvoiceNumber to the request (Inherited from <a href="#">GatewayRequest</a>.)</td>
</tr>
<tr>
<td><strong>AddLineItem</strong></td>
<td>Adds a line item to the current order (Inherited from <a href="#">GatewayRequest</a>.)</td>
</tr>
<tr>
<td><strong>AddMerchantValue</strong></td>
<td>This is where you can add custom values to the request, which will be returned to you in the response (Inherited from <a href="#">GatewayRequest</a>.)</td>
</tr>
<tr>
<td><strong>AddShipping</strong></td>
<td>Adds a Shipping Record to the current request (Inherited from <a href="#">GatewayRequest</a>.)</td>
</tr>
<tr>
<td>Method</td>
<td>Description</td>
</tr>
<tr>
<td>--------</td>
<td>-------------</td>
</tr>
<tr>
<td>AddTax(Decimal)</td>
<td>Adds a tax value to the request (Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>AddTax(Decimal, String, String)</td>
<td>Adds a detailed tax value to the request (Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>Equals</td>
<td>Determines whether the specified Object is equal to the current Object. (Inherited from Object.)</td>
</tr>
<tr>
<td>Get</td>
<td>Gets the specified key from the request. (Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>GetHashCode</td>
<td>Serves as a hash function for a particular type. (Inherited from Object.)</td>
</tr>
<tr>
<td>GetType</td>
<td>Gets the Type of the current instance. (Inherited from Object.)</td>
</tr>
<tr>
<td>Queue</td>
<td>Queues the specified key into the request. (Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>ToPostString</td>
<td>Outputs the queue as a delimited, URL-safe string for sending to Authorize.net as a form POST (Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>ToString</td>
<td>Returns a String that represents the current Object. (Inherited from Object.)</td>
</tr>
</tbody>
</table>
## Properties

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Address</td>
<td>Gets or sets the address. (Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>AllowPartialAuth</td>
<td>Gets or sets the allow partial auth. (Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>Amount</td>
<td>Gets or sets the amount. (Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>ApiAction</td>
<td>(Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>AuthCode</td>
<td>Gets or sets the auth code. (Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>AuthenticationIndicator</td>
<td>Gets or sets the authentication indicator. (Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>BankABACode</td>
<td>Gets or sets the bank ABA code. (Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>BankAccountName</td>
<td>Gets or sets the name of the bank account. (Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>BankAccountNumber</td>
<td>Gets or sets the bank account number. (Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>BankAccountType</td>
<td>Gets or sets the type of the bank account. (Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>BankCheckNumber</td>
<td>Gets or sets the bank check number. (Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>BankName</td>
<td>Gets or sets the name of the bank. (Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>CardCode</td>
<td>Gets or sets the credit card code. (Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>CardholderAuthenticationValue</td>
<td>Gets or sets the cardholder authentication value. (Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>Property</td>
<td>Description</td>
</tr>
<tr>
<td>-----------------</td>
<td>-----------------------------------------------------------------------------</td>
</tr>
<tr>
<td>CardNum</td>
<td>Gets or sets the credit card number. (Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>City</td>
<td>Gets or sets the city. (Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>Company</td>
<td>Gets or sets the company. (Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>Country</td>
<td>Gets or sets the country. (Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>CustId</td>
<td>Gets or sets the cust id. (Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>CustomerIp</td>
<td>Gets or sets the customer ip. (Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>DelimChar</td>
<td>Gets or sets the delim char. (Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>DelimData</td>
<td>Gets or sets the delim data. (Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>Description</td>
<td>Gets or sets the description. (Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>DuplicateWindow</td>
<td>Gets or sets the duplicate window - the am. (Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>Duty</td>
<td>Gets or sets the duty. (Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>EcheckType</td>
<td>Gets or sets the type of the echeck. (Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>Email</td>
<td>Gets or sets the email. (Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>EmailCustomer</td>
<td>Gets or sets the email customer. (Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>EncapChar</td>
<td>Gets or sets the encap char. (Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>ExpDate</td>
<td>Gets or sets the exp date. (Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>Fax</td>
<td>Gets or sets the fax. (Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td></td>
<td>Gets or sets the first name.</td>
</tr>
<tr>
<td>Field</td>
<td>Description</td>
</tr>
<tr>
<td>----------------------</td>
<td>-----------------------------------------------------------------------------</td>
</tr>
<tr>
<td><strong>FirstName</strong></td>
<td>Gets or sets the first name of the ship</td>
</tr>
<tr>
<td><strong>FooterEmailReceipt</strong></td>
<td>Gets or sets the footer email receipt.</td>
</tr>
<tr>
<td><strong>Freight</strong></td>
<td>Gets or sets the freight.</td>
</tr>
<tr>
<td><strong>HeaderEmailReceipt</strong></td>
<td>Gets or sets the header email receipt.</td>
</tr>
<tr>
<td><strong>InvoiceNum</strong></td>
<td>Gets or sets the invoice num.</td>
</tr>
<tr>
<td><strong>LastName</strong></td>
<td>Gets or sets the last name.</td>
</tr>
<tr>
<td><strong>LineItem</strong></td>
<td>Gets or sets the line item.</td>
</tr>
<tr>
<td><strong>Login</strong></td>
<td>Gets or sets the login.</td>
</tr>
<tr>
<td><strong>Method</strong></td>
<td>Gets or sets the method.</td>
</tr>
<tr>
<td><strong>Phone</strong></td>
<td>Gets or sets the phone.</td>
</tr>
<tr>
<td><strong>PoNum</strong></td>
<td>Gets or sets the po number.</td>
</tr>
<tr>
<td><strong>Post</strong></td>
<td>(Inherited from GatewayRequest)</td>
</tr>
<tr>
<td><strong>RecurringBilling</strong></td>
<td>Gets or sets the recurring billing.</td>
</tr>
<tr>
<td><strong>RelayResponse</strong></td>
<td>Gets or sets the relay response.</td>
</tr>
<tr>
<td><strong>ShipToAddress</strong></td>
<td>Gets or sets the ship to address.</td>
</tr>
<tr>
<td><strong>ShipToCity</strong></td>
<td>Gets or sets the ship to city.</td>
</tr>
<tr>
<td><strong>ShipToCompany</strong></td>
<td>Gets or sets the ship to company.</td>
</tr>
<tr>
<td><strong>ShipToCountry</strong></td>
<td>Gets or sets the ship to country.</td>
</tr>
</tbody>
</table>
**ShipToFirstName**
Gets or sets the last name of the ship to.
(Inherited from [GatewayRequest](#).)

**ShipToLastName**
Gets or sets the state of the ship to.
(Inherited from [GatewayRequest](#).)

**ShipToState**
Gets or sets the ship to zip.
(Inherited from [GatewayRequest](#).)

**ShipToZip**
Gets or sets the split tender id.
(Inherited from [GatewayRequest](#).)

**SplitTenderId**
Gets or sets the state.
(Inherited from [GatewayRequest](#).)

**State**
Gets or sets the state.
(Inherited from [GatewayRequest](#).)

**TestRequest**
Gets or sets the test request.
(Inherited from [GatewayRequest](#).)

**Tax**
Gets or sets the tax.
(Inherited from [GatewayRequest](#).)

**TaxExempt**
Gets or sets the tax exempt.
(Inherited from [GatewayRequest](#).)

**TranKey**
Gets or sets the tran key.
(Inherited from [GatewayRequest](#).)

**TransId**
Gets or sets the trans id.
(Inherited from [GatewayRequest](#).)

**Type**
Gets or sets the type.
(Inherited from [GatewayRequest](#).)

**Version**
Gets or sets the version.
(Inherited from [GatewayRequest](#).)

**Zip**
Gets or sets the zip.
(Inherited from [GatewayRequest](#).)
See Also

CardPresentVoid Class
AuthorizeNet Namespace

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Authorize.NET

CardPresentVoid Constructor

CardPresentVoid Class See Also Send Feedback

Initializes a new instance of the CardPresentVoid class.

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

C#

public CardPresentVoid(
    string transactionID
)

Visual Basic

Public Sub New ( _
    transactionID As String _
)

Visual C++

public:
CardPresentVoid(
    String^ transactionID
)

Parameters

transactionID
    Type: System::String
    The transaction ID.
See Also

CardPresentVoid Class
AuthorizeNet Namespace

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The **CardPresentVoid** type exposes the following members.
<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>AddCardCode</td>
<td>The 3-digit Credit Card Code (CCV) on the back of the card (Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>AddCustomer</td>
<td>Adds a Customer record to the current request (Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>AddDuty(Decimal)</td>
<td>Adds a tax value to the request (Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>AddDuty(Decimal,</td>
<td>Adds a detailed tax value to the request (Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>String, String)</td>
<td>This method will pull the user's IP address for use with FDS. Only valid for Web-based transactions.</td>
</tr>
<tr>
<td>AddFraudCheck()</td>
<td>This method adds the required values for Fraud Detection Suite. Your merchant must sign up for this service with Authorize.Net (Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>AddFraudCheck(String)</td>
<td></td>
</tr>
<tr>
<td>AddFreight(Decimal)</td>
<td>Adds a tax value to the request (Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>AddFreight(Decimal, String, String)</td>
<td>Adds a detailed tax value to the request (Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>AddInvoice</td>
<td>Adds an InvoiceNumber to the request (Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>AddLineItem</td>
<td>Adds a line item to the current order (Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>AddMerchantValue</td>
<td>This is where you can add custom values to the request, which will be returned to you in the response (Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>AddShipping</td>
<td>Adds a Shipping Record to the current request (Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>Method</td>
<td>Description</td>
</tr>
<tr>
<td>--------</td>
<td>-------------</td>
</tr>
<tr>
<td>AddTax(Decimal)</td>
<td>Adds a tax value to the request (Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>AddTax(Decimal, String, String)</td>
<td>Adds a detailed tax value to the request (Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>Equals</td>
<td>Determines whether the specified Object is equal to the current Object. (Inherited from Object.)</td>
</tr>
<tr>
<td>Get</td>
<td>Gets the specified key from the request. (Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>GetHashCode</td>
<td>Serves as a hash function for a particular type. (Inherited from Object.)</td>
</tr>
<tr>
<td>GetType</td>
<td>Gets the Type of the current instance. (Inherited from Object.)</td>
</tr>
<tr>
<td>Queue</td>
<td>Queues the specified key into the request. (Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>ToPostString</td>
<td>Outputs the queue as a delimited, URL-safe string for sending to Authorize.net as a form POST (Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>ToString</td>
<td>Returns a String that represents the current Object. (Inherited from Object.)</td>
</tr>
</tbody>
</table>
See Also

CardPresentVoid Class
AuthorizeNet Namespace

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CardPresentVoid...AddDuty Method

CardPresentVoid Class See Also Send Feedback
<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>AddDuty(Decimal)</td>
<td>Adds a tax value to the request (Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>AddDuty(Decimal, String, String)</td>
<td>Adds a detailed tax value to the request (Inherited from GatewayRequest.)</td>
</tr>
</tbody>
</table>
See Also

CardPresentVoid Class
CardPresentVoid Members
AuthorizeNet Namespace

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CardPresentVoid...AddFraudCheck Method

CardPresentVoid Class See Also Send Feedback
### Overload List

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>AddFraudCheck()</td>
<td>This method will pull the user's IP address for use with FDS. Only valid for Web-based transactions. (Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>AddFraudCheck(String)</td>
<td>This method adds the required values for Fraud Detection Suite. Your merchant must sign up for this service with Authorize.Net (Inherited from GatewayRequest.)</td>
</tr>
</tbody>
</table>
See Also

CardPresentVoid Class
CardPresentVoid Members
AuthorizeNet Namespace

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CardPresentVoid...AddFreight Method
CardPresentVoid Class See Also Send Feedback
### Overload List

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>AddFreight(Decimal)</td>
<td>Adds a tax value to the request (Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>AddFreight(Decimal, String, String)</td>
<td>Adds a detailed tax value to the request (Inherited from GatewayRequest.)</td>
</tr>
</tbody>
</table>
See Also

CardPresentVoid Class
CardPresentVoid Members
AuthorizeNet Namespace

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CardPresentVoid..AddTax Method

CardPresentVoid Class  See Also  Send Feedback
## Overload List

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>AddTax(Decimal)</td>
<td>Adds a tax value to the request (Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>AddTax(Decimal, String, String)</td>
<td>Adds a detailed tax value to the request (Inherited from GatewayRequest.)</td>
</tr>
</tbody>
</table>
See Also

CardPresentVoid Class
CardPresentVoid Members
AuthorizeNet Namespace

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CardPresentVoid Properties

The CardPresentVoid type exposes the following members.
## Properties

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Address</strong></td>
<td>Gets or sets the address. (Inherited from <a href="#">GatewayRequest</a>)</td>
</tr>
<tr>
<td><strong>AllowPartialAuth</strong></td>
<td>Gets or sets the allow partial auth. (Inherited from <a href="#">GatewayRequest</a>)</td>
</tr>
<tr>
<td><strong>Amount</strong></td>
<td>Gets or sets the amount. (Inherited from <a href="#">GatewayRequest</a>)</td>
</tr>
<tr>
<td><strong>ApiAction</strong></td>
<td>(Inherited from <a href="#">GatewayRequest</a>)</td>
</tr>
<tr>
<td><strong>AuthCode</strong></td>
<td>Gets or sets the auth code. (Inherited from <a href="#">GatewayRequest</a>)</td>
</tr>
<tr>
<td><strong>AuthenticationIndicator</strong></td>
<td>Gets or sets the authentication indicator. (Inherited from <a href="#">GatewayRequest</a>)</td>
</tr>
<tr>
<td><strong>BankABACode</strong></td>
<td>Gets or sets the bank ABA code. (Inherited from <a href="#">GatewayRequest</a>)</td>
</tr>
<tr>
<td><strong>BankAccountName</strong></td>
<td>Gets or sets the name of the bank account. (Inherited from <a href="#">GatewayRequest</a>)</td>
</tr>
<tr>
<td><strong>BankAccountNumber</strong></td>
<td>Gets or sets the bank account number. (Inherited from <a href="#">GatewayRequest</a>)</td>
</tr>
<tr>
<td><strong>BankAccountType</strong></td>
<td>Gets or sets the type of the bank account. (Inherited from <a href="#">GatewayRequest</a>)</td>
</tr>
<tr>
<td><strong>BankCheckNumber</strong></td>
<td>Gets or sets the bank check number. (Inherited from <a href="#">GatewayRequest</a>)</td>
</tr>
<tr>
<td><strong>BankName</strong></td>
<td>Gets or sets the name of the bank. (Inherited from <a href="#">GatewayRequest</a>)</td>
</tr>
<tr>
<td><strong>CardCode</strong></td>
<td>Gets or sets the credit card code. (Inherited from <a href="#">GatewayRequest</a>)</td>
</tr>
<tr>
<td><strong>CardholderAuthenticationValue</strong></td>
<td>Gets or sets the cardholder authentication value. (Inherited from <a href="#">GatewayRequest</a>)</td>
</tr>
<tr>
<td>Field</td>
<td>Description</td>
</tr>
<tr>
<td>---------------</td>
<td>-----------------------------------------------------------------------------</td>
</tr>
<tr>
<td>CardNum</td>
<td>Gets or sets the credit card number. (Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>City</td>
<td>Gets or sets the city. (Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>Company</td>
<td>Gets or sets the company. (Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>Country</td>
<td>Gets or sets the country. (Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>CustId</td>
<td>Gets or sets the cust id. (Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>CustomerIp</td>
<td>Gets or sets the customer ip. (Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>DelimChar</td>
<td>Gets or sets the delim char. (Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>DelimData</td>
<td>Gets or sets the delim data. (Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>Description</td>
<td>Gets or sets the description. (Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>DuplicateWindow</td>
<td>Gets or sets the duplicate window - the am. (Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>Duty</td>
<td>Gets or sets the duty. (Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>EcheckType</td>
<td>Gets or sets the type of the echeck. (Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>Email</td>
<td>Gets or sets the email. (Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>EmailCustomer</td>
<td>Gets or sets the email customer. (Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>EncapChar</td>
<td>Gets or sets the encap char. (Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>ExpDate</td>
<td>Gets or sets the exp date. (Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>Fax</td>
<td>Gets or sets the fax. (Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>First Name</td>
<td>Gets or sets the first name.</td>
</tr>
</tbody>
</table>

*Inherited from GatewayRequest.*
<table>
<thead>
<tr>
<th>Property</th>
<th>Description</th>
<th>Inheritance</th>
</tr>
</thead>
<tbody>
<tr>
<td>FirstName</td>
<td>Gets or sets the first name of the ship</td>
<td>(Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>FooterEmailReceipt</td>
<td>Gets or sets the footer email receipt.</td>
<td>(Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>Freight</td>
<td>Gets or sets the freight.</td>
<td>(Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>HeaderEmailReceipt</td>
<td>Gets or sets the header email receipt.</td>
<td>(Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>InvoiceNum</td>
<td>Gets or sets the invoice num.</td>
<td>(Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>LastName</td>
<td>Gets or sets the last name.</td>
<td>(Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>LineItem</td>
<td>Gets or sets the line item.</td>
<td>(Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>Login</td>
<td>Gets or sets the login.</td>
<td>(Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>Method</td>
<td>Gets or sets the method.</td>
<td>(Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>Phone</td>
<td>Gets or sets the phone.</td>
<td>(Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>PoNum</td>
<td>Gets or sets the po number.</td>
<td>(Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>Post</td>
<td></td>
<td>(Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>RecurringBilling</td>
<td>Gets or sets the recurring billing.</td>
<td>(Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>RelayResponse</td>
<td>Gets or sets the relay response.</td>
<td>(Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>ShipToAddress</td>
<td>Gets or sets the ship to address.</td>
<td>(Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>ShipToCity</td>
<td>Gets or sets the ship to city.</td>
<td>(Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>ShipToCompany</td>
<td>Gets or sets the ship to company.</td>
<td>(Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>ShipToCountry</td>
<td>Gets or sets the ship to country.</td>
<td>(Inherited from GatewayRequest.)</td>
</tr>
</tbody>
</table>

Gets or sets the first name of the ship.
ShipToFirstName to.
(Inherited from GatewayRequest.)

ShipToLastName Gets or sets the last name of the ship to.
(Inherited from GatewayRequest.)

ShipToState Gets or sets the state of the ship to.
(Inherited from GatewayRequest.)

ShipToZip Gets or sets the ship to zip.
(Inherited from GatewayRequest.)

SplitTenderId Gets or sets the split tender id.
(Inherited from GatewayRequest.)

State Gets or sets the state.
(Inherited from GatewayRequest.)

Tax Gets or sets the tax.
(Inherited from GatewayRequest.)

TaxExempt Gets or sets the tax exempt.
(Inherited from GatewayRequest.)

TestRequest Gets or sets the test request.
(Inherited from GatewayRequest.)

TranKey Gets or sets the tran key.
(Inherited from GatewayRequest.)

TransId Gets or sets the trans id.
(Inherited from GatewayRequest.)

Type Gets or sets the type.
(Inherited from GatewayRequest.)

Version Gets or sets the version.
(Inherited from GatewayRequest.)

Zip Gets or sets the zip.
(Inherited from GatewayRequest.)
See Also

CardPresentVoid Class
AuthorizeNet Namespace

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A helper class for representing a charge

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

**C#**

public class Charge

**Visual Basic**

Public Class Charge

**Visual C++**

public ref class Charge
Inheritance Hierarchy

System...Object
AuthorizeNet...Charge
See Also

Charge Members
AuthorizeNet Namespace

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Charge Members

The Charge type exposes the following members.
## Constructors

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Charge</td>
<td>Initializes a new instance of the Charge class</td>
</tr>
</tbody>
</table>
## Methods

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Equals</strong></td>
<td>Determines whether the specified Object is equal to the current Object.</td>
</tr>
<tr>
<td>(Inherited from Object.)</td>
<td></td>
</tr>
<tr>
<td><strong>GetHashCode</strong></td>
<td>Serves as a hash function for a particular type.</td>
</tr>
<tr>
<td>(Inherited from Object.)</td>
<td></td>
</tr>
<tr>
<td><strong>GetType</strong></td>
<td>Gets the Type of the current instance.</td>
</tr>
<tr>
<td>(Inherited from Object.)</td>
<td></td>
</tr>
<tr>
<td><strong>NewFromStat</strong></td>
<td>Creates a List of Charges from the Statistics return from the batch.</td>
</tr>
<tr>
<td><strong>ToString</strong></td>
<td>Returns a String that represents the current Object.</td>
</tr>
<tr>
<td>(Inherited from Object.)</td>
<td></td>
</tr>
<tr>
<td>Name</td>
<td>Description</td>
</tr>
<tr>
<td>--------------------</td>
<td>--------------------------------------------------</td>
</tr>
<tr>
<td>Amount</td>
<td>Gets or sets the amount.</td>
</tr>
<tr>
<td>CardType</td>
<td>Gets or sets the type of the card.</td>
</tr>
<tr>
<td>ChargeBackAmount</td>
<td>Gets or sets the charge back amount.</td>
</tr>
<tr>
<td>ChargeBackCount</td>
<td>Gets or sets the charge back count.</td>
</tr>
<tr>
<td>CorrectionNoticeCount</td>
<td>Gets or sets the correction notice count.</td>
</tr>
<tr>
<td>DeclineCount</td>
<td>Gets or sets the decline count.</td>
</tr>
<tr>
<td>RefundAmount</td>
<td>Gets or sets the refund amount.</td>
</tr>
<tr>
<td>ReturnedItemsAmount</td>
<td>Gets or sets the returned items amount.</td>
</tr>
<tr>
<td>ReturnedItemsCount</td>
<td>Gets or sets the returned items count.</td>
</tr>
<tr>
<td>VoidCount</td>
<td>Gets or sets the void count.</td>
</tr>
</tbody>
</table>
See Also

Charge Class
AuthorizeNet Namespace

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Charge Constructor

Initialize a new instance of the Charge class

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

**C#**

```csharp
public Charge()
```

**Visual Basic**

```vbnet
Public Sub New
```

**Visual C++**

```cpp
public:
Charge()
```
See Also

Charge Class
AuthorizeNet Namespace

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Charge Methods

The Charge type exposes the following members.
## Methods

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
</table>
| **Equals**       | Determines whether the specified [Object](https://docs.microsoft.com/en-us/dotnet/api/system.object) is equal to the current [Object](https://docs.microsoft.com/en-us/dotnet/api/system.object).  
(Inherited from [Object](https://docs.microsoft.com/en-us/dotnet/api/system.object).) |
| **GetHashCode**  | Serves as a hash function for a particular type.  
(Inherited from [Object](https://docs.microsoft.com/en-us/dotnet/api/system.object).) |
| **GetType**      | Gets the Type of the current instance.  
(Inherited from [Object](https://docs.microsoft.com/en-us/dotnet/api/system.object).) |
| **NewFromStat**  | Creates a List of Charges from the Statistics return from the batch.          |
| **ToString**     | Returns a String that represents the current [Object](https://docs.microsoft.com/en-us/dotnet/api/system.object).  
(Inherited from [Object](https://docs.microsoft.com/en-us/dotnet/api/system.object).) |
See Also

Charge Class
AuthorizeNet Namespace

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Charge......NewFromStat Method

**See Also** Send Feedback

Creates a List of Charges from the Statistics return from the batch.

**Namespace:** AuthorizeNet

**Assembly:** AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
**Syntax**

**C#**

```csharp
public static List<Charge> NewFromStat(
    batchStatisticType[] stats
)
```

**Visual Basic**

```vbnet
Public Shared Function NewFromStat (_
   stats As batchStatisticType() _) _
As List(Of Charge)
```

**Visual C++**

```cpp
public:
static List<Charge>^ NewFromStat(
    array<batchStatisticType>^ stats
)
```

**Parameters**

stats

  Type: array<batchStatisticType>[]()[[]]
  The stats.

**Return Value**
See Also

Charge Class
AuthorizeNet Namespace

Copyright 2010, Authorize.NET
The **Charge** type exposes the following members.
# Properties

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Amount</td>
<td>Gets or sets the amount.</td>
</tr>
<tr>
<td>CardType</td>
<td>Gets or sets the type of the card.</td>
</tr>
<tr>
<td>ChargeBackAmount</td>
<td>Gets or sets the charge back amount.</td>
</tr>
<tr>
<td>ChargeBackCount</td>
<td>Gets or sets the charge back count.</td>
</tr>
<tr>
<td>CorrectionNoticeCount</td>
<td>Gets or sets the correction notice count.</td>
</tr>
<tr>
<td>DeclineCount</td>
<td>Gets or sets the decline count.</td>
</tr>
<tr>
<td>RefundAmount</td>
<td>Gets or sets the refund amount.</td>
</tr>
<tr>
<td>ReturnedItemsAmount</td>
<td>Gets or sets the returned items amount.</td>
</tr>
<tr>
<td>ReturnedItemsCount</td>
<td>Gets or sets the returned items count.</td>
</tr>
<tr>
<td>VoidCount</td>
<td>Gets or sets the void count.</td>
</tr>
</tbody>
</table>
See Also

Charge Class
AuthorizeNet Namespace

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Charge... Amount Property

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0

Gets or sets the amount.
Syntax

C#

```csharp
public decimal Amount { get; set; }
```

Visual Basic

```vbnet
Public Property Amount As Decimal
    Get
    Set
```

Visual C++

```cpp
public:
    property Decimal Amount { 
        Decimal get ();
        void set (Decimal value);
    }
```

Field Value

The amount.
See Also

Charge Class
AuthorizeNet Namespace

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Get or sets the type of the card.

**Namespace:** AuthorizeNet
**Assembly:** AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
## Syntax

### C#

```csharp
public string CardType { get; set; }
```

### Visual Basic

```vbnet
Public Property CardType As String
    Get
        String
    End Get
    Set
        String
    End Set
End Property
```

### Visual C++

```cpp
public:
    property String^ CardType {
        String^ get ();
        void set (String^ value);
    }
```

## Field Value

The type of the card.
See Also

Charge Class
AuthorizeNet Namespace

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Charge.....ChargeBackAmount Property

Charge Class See Also Send Feedback

Gets or sets the charge back amount.

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
## Syntax

### C#

```csharp
public decimal ChargeBackAmount { get; set; }
```

### Visual Basic

```vbnet
Public Property ChargeBackAmount As Decimal
Get
Set
```

### Visual C++

```cpp
public:
property Decimal ChargeBackAmount {
    Decimal get ();
    void set (Decimal value);
}
```

## Field Value

The charge back amount.
See Also

- Charge Class
- AuthorizeNet Namespace

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Charge.....ChargeBackCount Property

Gets or sets the charge back count.

**Namespace:** AuthorizeNet

**Assembly:** AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

C#

public decimal ChargeBackCount { get; set; }

Visual Basic

Public Property ChargeBackCount As Decimal
    Get
    Set

Visual C++

public:
    property Decimal ChargeBackCount {
        Decimal get ();
        void set (Decimal value);
    }

Field Value

The charge back count.
See Also

Charge Class
AuthorizeNet Namespace

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CorrectionNoticeCount Property

Gets or sets the correction notice count.

**Namespace:** AuthorizeNet

**Assembly:** AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

C#

public int CorrectionNoticeCount { get; set; }

Visual Basic

Public Property CorrectionNoticeCount As Integer
   Get
   Set

Visual C++

public:
   property int CorrectionNoticeCount {
      int get ();
      void set (int value);
   }

Field Value

The correction notice count.
See Also

Charge Class
AuthorizeNet Namespace

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A .NET Library aimed at helping you get up to speed quickly with Authorize.NET Charge......DeclineCount Property

Gets or sets the decline count.

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
### Syntax

**C#**

```csharp
public int DeclineCount { get; set; }
```

**Visual Basic**

```vbnet
Public Property DeclineCount As Integer
    Get
    Set
```

**Visual C++**

```cpp
public:
    property int DeclineCount {
        int get ();
        void set (int value);
    }
```

### Field Value

The decline count.
See Also

Charge Class
AuthorizeNet Namespace

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Charge..:..RefundAmount Property

**namespace:** AuthorizeNet
**Assembly:** AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

C#

```
public decimal RefundAmount { get; set; }
```

Visual Basic

```
Public Property RefundAmount As Decimal
    Get
        Set
    End Get
End Property
```

Visual C++

```
public:
    property Decimal RefundAmount {
        Decimal get ();
        void set (Decimal value);
    }
```

Field Value

The refund amount.
See Also

Charge Class
AuthorizeNet Namespace

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Charge...: ReturnedItemsAmount Property

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0

Gets or sets the returned items amount.
**Syntax**

**C#**

```csharp
public decimal ReturnedItemsAmount { get; set; }
```

**Visual Basic**

```vbnet
Public Property ReturnedItemsAmount As Decimal
    Get
    Set
```

**Visual C++**

```c++
public:
    property Decimal ReturnedItemsAmount {
        Decimal get ();
        void set (Decimal value);
    }
```

**Field Value**

The returned items amount.
See Also

Charge Class
AuthorizeNet Namespace

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Charge... ReturnedItemsCount Property

Gets or sets the returned items count.

Namespace: **AuthorizeNet**
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

C#

public int ReturnedItemsCount { get; set; }

Visual Basic

Public Property ReturnedItemsCount As Integer
    Get
    Set

Visual C++

public:
    property int ReturnedItemsCount {
        int get ();
        void set (int value);
    }

Field Value

The returned items count.
See Also

Charge Class
AuthorizeNet Namespace

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Charge...::VoidCount Property

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0

Gets or sets the void count.
Syntax

C#

public int VoidCount { get; set; }

Visual Basic

Public Property VoidCount As Integer
Get
Set

Visual C++

public:
property int VoidCount {
    int get();
    void set(int value);
}

Field Value

The void count.
See Also

Charge Class
AuthorizeNet Namespace

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CreditRequest Class

Credits, or refunds, the amount back to the user

**Namespace:** AuthorizeNet

**Assembly:** AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

C#

public class CreditRequest : GatewayRequest

Visual Basic

Public Class CreditRequest _
    Inherits GatewayRequest

Visual C++

public ref class CreditRequest : public GatewayRequest
Inheritance Hierarchy

System..::..Object
AuthorizeNet..::..GatewayRequest
AuthorizeNet..::..CreditRequest
See Also

CreditRequest Members
AuthorizeNet Namespace

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CreditRequest Members

The **CreditRequest** type exposes the following members.
## Constructors

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>CreditRequest</td>
<td>Initializes a new instance of the CreditRequest class.</td>
</tr>
</tbody>
</table>
Methods

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>AddCardCode</td>
<td>The 3-digit Credit Card Code (CCV) on the back of the card (Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>AddCustomer</td>
<td>Adds a Customer record to the current request (Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>AddDuty(Decimal)</td>
<td>Adds a tax value to the request (Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>AddDuty(Decimal, String, String)</td>
<td>Adds a detailed tax value to the request (Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>AddFraudCheck()</td>
<td>This method will pull the user's IP address for use with FDS. Only valid for Web-based transactions. (Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>AddFraudCheck(String)</td>
<td>This method adds the required values for Fraud Detection Suite. Your merchant must sign up for this service with Authorize.Net (Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>AddFreight(Decimal)</td>
<td>Adds a tax value to the request (Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>AddFreight(Decimal, String, String)</td>
<td>Adds a detailed tax value to the request (Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>AddInvoice</td>
<td>Adds an InvoiceNumber to the request (Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>AddLineItem</td>
<td>Adds a line item to the current order (Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>AddMerchantValue</td>
<td>This is where you can add custom values to the request, which will be returned to you in the response (Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>AddShipping</td>
<td>Adds a Shipping Record to the current request (Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>Method</td>
<td>Description</td>
</tr>
<tr>
<td>--------</td>
<td>-------------</td>
</tr>
<tr>
<td><strong>AddTax(Decimal)</strong></td>
<td>Adds a tax value to the request (Inherited from <code>GatewayRequest</code>.)</td>
</tr>
<tr>
<td><strong>AddTax(Decimal, String, String)</strong></td>
<td>Adds a detailed tax value to the request (Inherited from <code>GatewayRequest</code>.)</td>
</tr>
<tr>
<td><strong>Equals</strong></td>
<td>Determines whether the specified Object is equal to the current Object. (Inherited from <code>Object</code>.)</td>
</tr>
<tr>
<td><strong>Get</strong></td>
<td>Gets the specified key from the request. (Inherited from <code>GatewayRequest</code>.)</td>
</tr>
<tr>
<td><strong>GetHashCode</strong></td>
<td>Serves as a hash function for a particular type. (Inherited from <code>Object</code>.)</td>
</tr>
<tr>
<td><strong>GetType</strong></td>
<td>Gets the Type of the current instance. (Inherited from <code>Object</code>.)</td>
</tr>
<tr>
<td><strong>Queue</strong></td>
<td>Queues the specified key into the request. (Inherited from <code>GatewayRequest</code>.)</td>
</tr>
<tr>
<td><strong>ToPostString</strong></td>
<td>Outputs the queue as a delimited, URL-safe string for sending to Authorize.net as a form POST (Inherited from <code>GatewayRequest</code>.)</td>
</tr>
<tr>
<td><strong>ToString</strong></td>
<td>Returns a String that represents the current Object. (Inherited from <code>Object</code>.)</td>
</tr>
</tbody>
</table>
## Properties

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Address</td>
<td>Gets or sets the address.</td>
</tr>
<tr>
<td>AllowPartialAuth</td>
<td>Gets or sets the allow partial auth.</td>
</tr>
<tr>
<td>Amount</td>
<td>Gets or sets the amount.</td>
</tr>
<tr>
<td>ApiAction</td>
<td>(Inherited from <a href="#">GatewayRequest</a>)</td>
</tr>
<tr>
<td>AuthCode</td>
<td>(Inherited from <a href="#">GatewayRequest</a>)</td>
</tr>
<tr>
<td>AuthenticationIndicator</td>
<td>Gets or sets the authentication indicator.</td>
</tr>
<tr>
<td>BankABACode</td>
<td>Gets or sets the bank ABA code.</td>
</tr>
<tr>
<td>BankAccountName</td>
<td>Gets or sets the name of the bank account.</td>
</tr>
<tr>
<td>BankAccountNumber</td>
<td>Gets or sets the bank account number.</td>
</tr>
<tr>
<td>BankAccountType</td>
<td>Gets or sets the type of the bank account.</td>
</tr>
<tr>
<td>BankCheckNumber</td>
<td>Gets or sets the bank check number.</td>
</tr>
<tr>
<td>BankName</td>
<td>Gets or sets the name of the bank.</td>
</tr>
<tr>
<td>CardCode</td>
<td>Gets or sets the credit card code.</td>
</tr>
<tr>
<td>CardholderAuthenticationValue</td>
<td>Gets or sets the cardholder authentication value.</td>
</tr>
<tr>
<td></td>
<td>(Inherited from <a href="#">GatewayRequest</a>)</td>
</tr>
<tr>
<td>Property</td>
<td>Description</td>
</tr>
<tr>
<td>----------------</td>
<td>------------------------------------------------------------------------------</td>
</tr>
<tr>
<td>CardNum</td>
<td>Gets or sets the credit card number.</td>
</tr>
<tr>
<td>City</td>
<td>Gets or sets the city.</td>
</tr>
<tr>
<td>Company</td>
<td>Gets or sets the company.</td>
</tr>
<tr>
<td>Country</td>
<td>Gets or sets the country.</td>
</tr>
<tr>
<td>CustId</td>
<td>Gets or sets the cust id.</td>
</tr>
<tr>
<td>CustomerIp</td>
<td>Gets or sets the customer ip.</td>
</tr>
<tr>
<td>DelimChar</td>
<td>Gets or sets the delim char.</td>
</tr>
<tr>
<td>DelimData</td>
<td>Gets or sets the delim data.</td>
</tr>
<tr>
<td>Description</td>
<td>Gets or sets the description.</td>
</tr>
<tr>
<td>DuplicateWindow</td>
<td>Gets or sets the duplicate window - the am.</td>
</tr>
<tr>
<td>Duty</td>
<td>Gets or sets the duty.</td>
</tr>
<tr>
<td>EcheckType</td>
<td>Gets or sets the type of the echeck.</td>
</tr>
<tr>
<td>Email</td>
<td>Gets or sets the email.</td>
</tr>
<tr>
<td>EmailCustomer</td>
<td>Gets or sets the email customer.</td>
</tr>
<tr>
<td>EncapChar</td>
<td>Gets or sets the encap char.</td>
</tr>
<tr>
<td>ExpDate</td>
<td>Gets or sets the exp date.</td>
</tr>
<tr>
<td>Fax</td>
<td>Gets or sets the fax.</td>
</tr>
<tr>
<td></td>
<td>Gets or sets the first name.</td>
</tr>
</tbody>
</table>
**FirstName** (Inherited from GatewayRequest.)

**FooterEmailReceipt**
Gets or sets the footer email receipt.
(Inherited from GatewayRequest.)

**Freight**
Gets or sets the freight.
(Inherited from GatewayRequest.)

**HeaderEmailReceipt**
Gets or sets the header email receipt.
(Inherited from GatewayRequest.)

**InvoiceNum**
Gets or sets the invoice num.
(Inherited from GatewayRequest.)

**LastName**
Gets or sets the last name.
(Inherited from GatewayRequest.)

**LineItem**
Gets or sets the line item.
(Inherited from GatewayRequest.)

**Login**
Gets or sets the login.
(Inherited from GatewayRequest.)

**Method**
Gets or sets the method.
(Inherited from GatewayRequest.)

**Phone**
Gets or sets the phone.
(Inherited from GatewayRequest.)

**PoNum**
Gets or sets the po number.
(Inherited from GatewayRequest.)

**Post**
(Inherited from GatewayRequest.)

**RecurringBilling**
Gets or sets the recurring billing.
(Inherited from GatewayRequest.)

**RelayResponse**
Gets or sets the relay response.
(Inherited from GatewayRequest.)

**ShipToAddress**
Gets or sets the ship to address.
(Inherited from GatewayRequest.)

**ShipToCity**
Gets or sets the ship to city.
(Inherited from GatewayRequest.)

**ShipToCompany**
Gets or sets the ship to company.
(Inherited from GatewayRequest.)

**ShipToCountry**
Gets or sets the ship to country.
(Inherited from GatewayRequest.)

 Gets or sets the first name of the ship
ShipToFirstName
(Inherited from GatewayRequest.)
Gets or sets the last name of the ship to.

ShipToLastName
(Inherited from GatewayRequest.)
Gets or sets the state of the ship to.

ShipToState
(Inherited from GatewayRequest.)
Gets or sets the ship to zip.

ShipToZip
(Inherited from GatewayRequest.)
Gets or sets the split tender id.

SplitTenderId
(Inherited from GatewayRequest.)
Gets or sets the state.

State
(Inherited from GatewayRequest.)
Gets or sets the tax.

TestRequest
(Inherited from GatewayRequest.)
Gets or sets the tax exempt.

TestRequest
(Inherited from GatewayRequest.)
Gets or sets the test request.

Type
(Inherited from GatewayRequest.)
Gets or sets the tran key.

TranKey
(Inherited from GatewayRequest.)
Gets or sets the trans id.

TransId
(Inherited from GatewayRequest.)
Gets or sets the type.

Version
(Inherited from GatewayRequest.)
Gets or sets the version.

Zip
(Inherited from GatewayRequest.)
Gets or sets the zip.
See Also

CreditRequest Class
AuthorizeNet Namespace

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CreditRequest Constructor

Initializes a new instance of the `CreditRequest` class.

**Namespace:** AuthorizeNet

**Assembly:** AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

C#

public CreditRequest(
    string transactionId,
    decimal amount,
    string cardNumber
)

Visual Basic

Public Sub New ( _
    transactionId As String, _
    amount As Decimal, _
    cardNumber As String _
)

Visual C++

public:
CreditRequest(
    String^ transactionId,
    Decimal amount,
    String^ cardNumber
)

Parameters

transactionId
  Type: System...String
  The transaction id.

amount
  Type: System...Decimal
  The amount.

cardNumber
  Type: System...String
The card number.
See Also

CreditRequest Class
AuthorizeNet Namespace

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CreditRequest Methods

The **CreditRequest** type exposes the following members.
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<tr>
<th>Name</th>
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<td>AddDuty(Decimal)</td>
<td>Adds a tax value to the request (Inherited from GatewayRequest.)</td>
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<tr>
<td>AddDuty(Decimal, String, String)</td>
<td>Adds a detailed tax value to the request (Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>AddFraudCheck</td>
<td>This method will pull the user's IP address for use with FDS. Only valid for Web-based transactions. (Inherited from GatewayRequest.)</td>
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<td>AddFraudCheck(String)</td>
<td>This method adds the required values for Fraud Detection Suite. Your merchant must sign up for this service with Authorize.Net (Inherited from GatewayRequest.)</td>
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<tr>
<td>AddFreight(Decimal)</td>
<td>Adds a tax value to the request (Inherited from GatewayRequest.)</td>
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<td>Method</td>
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</tr>
<tr>
<td>AddTax(Decimal)</td>
<td>Adds a tax value to the request</td>
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<tr>
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<td>Gets the specified key from the request.</td>
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<tr>
<td>GetHashCode</td>
<td>Serves as a hash function for a particular type.</td>
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<tr>
<td>GetType</td>
<td>Gets the Type of the current instance.</td>
</tr>
<tr>
<td>Queue</td>
<td>Queues the specified key into the request.</td>
</tr>
<tr>
<td>ToString</td>
<td>Outputs the queue as a delimited, URL-safe string for sending to Authorize.net as a form POST</td>
</tr>
<tr>
<td>ToPostString</td>
<td>Returns a String that represents the current Object.</td>
</tr>
<tr>
<td>ToString</td>
<td></td>
</tr>
</tbody>
</table>
See Also

CreditRequest Class
AuthorizeNet Namespace

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CreditRequest.....AddDuty Method

CreditRequest Class  See Also  Send Feedback
<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>AddDuty(Decimal)</td>
<td>Adds a tax value to the request (Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>AddDuty(Decimal, String, String)</td>
<td>Adds a detailed tax value to the request (Inherited from GatewayRequest.)</td>
</tr>
</tbody>
</table>
See Also

CreditRequest Class
CreditRequest Members
AuthorizeNet Namespace

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CreditRequest Class See Also Send Feedback
<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>AddFraudCheck()</td>
<td>This method will pull the user's IP address for use with FDS. Only valid for Web-based transactions. (Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>AddFraudCheck(String)</td>
<td>This method adds the required values for Fraud Detection Suite. Your merchant must sign up for this service with Authorize.Net (Inherited from GatewayRequest.)</td>
</tr>
</tbody>
</table>
See Also

CreditRequest Class
CreditRequest Members
AuthorizeNet Namespace

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CreditRequest Class See Also Send Feedback
<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>AddFreight(Decimal)</td>
<td>Adds a tax value to the request (Inherited from <a href="#">GatewayRequest</a>).</td>
</tr>
<tr>
<td>AddFreight(Decimal, String, String)</td>
<td>Adds a detailed tax value to the request (Inherited from <a href="#">GatewayRequest</a>).</td>
</tr>
</tbody>
</table>
See Also

CreditRequest Class
CreditRequest Members
AuthorizeNet Namespace

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CreditRequest Class  See Also  Send Feedback
<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>AddTax(Decimal)</td>
<td>Adds a tax value to the request (Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>AddTax(Decimal, String, String)</td>
<td>Adds a detailed tax value to the request (Inherited from GatewayRequest.)</td>
</tr>
</tbody>
</table>
See Also

CreditRequest Class
CreditRequest Members
AuthorizeNet Namespace

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CreditRequest Properties

The **CreditRequest** type exposes the following members.
## Properties

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Address</td>
<td>Gets or sets the address. (Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>AllowPartialAuth</td>
<td>Gets or sets the allow partial auth. (Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>Amount</td>
<td>Gets or sets the amount. (Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>ApiAction</td>
<td>(Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>AuthCode</td>
<td>Gets or sets the auth code. (Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>AuthenticationIndicator</td>
<td>Gets or sets the authentication indicator. (Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>BankABACode</td>
<td>Gets or sets the bank ABA code. (Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>BankAccountName</td>
<td>Gets or sets the name of the bank account. (Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>BankAccountNumber</td>
<td>Gets or sets the bank account number. (Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>BankAccountType</td>
<td>Gets or sets the type of the bank account. (Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>BankCheckNumber</td>
<td>Gets or sets the bank check number. (Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>BankName</td>
<td>Gets or sets the name of the bank. (Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>CardCode</td>
<td>Gets or sets the credit card code. (Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>CardholderAuthenticationValue</td>
<td>Gets or sets the cardholder authentication value. (Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>Property</td>
<td>Description</td>
</tr>
<tr>
<td>-------------------</td>
<td>-----------------------------------------------------------------------------</td>
</tr>
<tr>
<td>CardNum</td>
<td>Gets or sets the credit card number. (Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>City</td>
<td>Gets or sets the city. (Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>Company</td>
<td>Gets or sets the company. (Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>Country</td>
<td>Gets or sets the country. (Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>CustId</td>
<td>Gets or sets the cust id. (Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>CustomerIp</td>
<td>Gets or sets the customer ip. (Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>DelimChar</td>
<td>Gets or sets the delim char. (Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>DelimData</td>
<td>Gets or sets the delim data. (Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>Description</td>
<td>Gets or sets the description. (Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>DuplicateWindow</td>
<td>Gets or sets the duplicate window - the am. (Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>Duty</td>
<td>Gets or sets the duty. (Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>EcheckType</td>
<td>Gets or sets the type of the echeck. (Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>Email</td>
<td>Gets or sets the email. (Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>EmailCustomer</td>
<td>Gets or sets the email customer. (Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>EncapChar</td>
<td>Gets or sets the encap char. (Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>ExpDate</td>
<td>Gets or sets the exp date. (Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>Fax</td>
<td>Gets or sets the fax. (Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>FirstName</td>
<td>Gets or sets the first name.</td>
</tr>
<tr>
<td>Property</td>
<td>Description</td>
</tr>
<tr>
<td>-----------------------</td>
<td>-----------------------------------------------------------------------------</td>
</tr>
<tr>
<td><strong>FirstName</strong></td>
<td>Gets or sets the first name of the ship</td>
</tr>
<tr>
<td><strong>FooterEmailReceipt</strong></td>
<td>Gets or sets the footer email receipt.</td>
</tr>
<tr>
<td><strong>Freight</strong></td>
<td>Gets or sets the freight.</td>
</tr>
<tr>
<td><strong>HeaderEmailReceipt</strong></td>
<td>Gets or sets the header email receipt.</td>
</tr>
<tr>
<td><strong>InvoiceNum</strong></td>
<td>Gets or sets the invoice num.</td>
</tr>
<tr>
<td><strong>LastName</strong></td>
<td>Gets or sets the last name.</td>
</tr>
<tr>
<td><strong>LineItem</strong></td>
<td>Gets or sets the line item.</td>
</tr>
<tr>
<td><strong>Login</strong></td>
<td>Gets or sets the login.</td>
</tr>
<tr>
<td><strong>Method</strong></td>
<td>Gets or sets the method.</td>
</tr>
<tr>
<td><strong>Phone</strong></td>
<td>Gets or sets the phone.</td>
</tr>
<tr>
<td><strong>PoNum</strong></td>
<td>Gets or sets the po number.</td>
</tr>
<tr>
<td><strong>Post</strong></td>
<td>(Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td><strong>RecurringBilling</strong></td>
<td>Gets or sets the recurring billing.</td>
</tr>
<tr>
<td><strong>RelayResponse</strong></td>
<td>Gets or sets the relay response.</td>
</tr>
<tr>
<td><strong>ShipToAddress</strong></td>
<td>Gets or sets the ship to address.</td>
</tr>
<tr>
<td><strong>ShipToCity</strong></td>
<td>Gets or sets the ship to city.</td>
</tr>
<tr>
<td><strong>ShipToCompany</strong></td>
<td>Gets or sets the ship to company.</td>
</tr>
<tr>
<td><strong>ShipToCountry</strong></td>
<td>Gets or sets the ship to country.</td>
</tr>
</tbody>
</table>
ShipToFirstName
- Gets or sets the last name of the ship to.
  (Inherited from GatewayRequest.)

ShipToLastName
- Gets or sets the state of the ship to.
  (Inherited from GatewayRequest.)

ShipToState
- Gets or sets the ship to zip.
  (Inherited from GatewayRequest.)

ShipToZip
- Gets or sets the split tender id.
  (Inherited from GatewayRequest.)

SplitTenderId
- Gets or sets the state.
  (Inherited from GatewayRequest.)

State
- Gets or sets the tax.
  (Inherited from GatewayRequest.)

Tax
- Gets or sets the tax exempt.
  (Inherited from GatewayRequest.)

TaxExempt
- Gets or sets the test request.
  (Inherited from GatewayRequest.)

TestRequest
- Gets or sets the tran key.
  (Inherited from GatewayRequest.)

TranKey
- Gets or sets the trans id.
  (Inherited from GatewayRequest.)

TransId
- Gets or sets the type.
  (Inherited from GatewayRequest.)

Type
- Gets or sets the version.
  (Inherited from GatewayRequest.)

Version
- Gets or sets the zip.
  (Inherited from GatewayRequest.)

Zip
See Also

CreditRequest Class
AuthorizeNet Namespace

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Crypto Class

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

**C#**

public class Crypto

**Visual Basic**

Public Class Crypto

**Visual C++**

public ref class Crypto
Inheritance Hierarchy

- System
  - Object
- AuthorizeNet
  - Crypto
See Also

Crypto Members
AuthorizeNet Namespace

Copyright 2010, Authorize.NET
The `Crypto` type exposes the following members.
## Constructors

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Crypto</td>
<td>Initializes a new instance of the Crypto class</td>
</tr>
<tr>
<td>Name</td>
<td>Description</td>
</tr>
<tr>
<td>--------------------</td>
<td>-----------------------------------------------------------------------------</td>
</tr>
<tr>
<td>EncryptHMAC</td>
<td>Encrypts the key/value pair supplied using HMAC-MD5</td>
</tr>
<tr>
<td>Equals</td>
<td>Determines whether the specified <strong>Object</strong> is equal to the current <strong>Object</strong>. (Inherited from <strong>Object</strong>.)</td>
</tr>
<tr>
<td>GenerateFingerprint</td>
<td>Generates the HMAC-encrypted hash to send along with the SIM form</td>
</tr>
<tr>
<td>GenerateSequence</td>
<td>Generates a 4-place sequence number randomly</td>
</tr>
<tr>
<td>GenerateTimestamp</td>
<td>Generates a timestamp in seconds from 1970</td>
</tr>
<tr>
<td>GetHashCode</td>
<td>Serves as a hash function for a particular type. (Inherited from <strong>Object</strong>.)</td>
</tr>
<tr>
<td>GetType</td>
<td>Gets the <strong>Type</strong> of the current instance. (Inherited from <strong>Object</strong>.)</td>
</tr>
<tr>
<td>IsMatch</td>
<td>Decrypts provided string parameter</td>
</tr>
<tr>
<td>ToString</td>
<td>Returns a <strong>String</strong> that represents the current <strong>Object</strong>. (Inherited from <strong>Object</strong>.)</td>
</tr>
</tbody>
</table>
See Also

Crypto Class
AuthorizeNet Namespace

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Crypto Constructor

**Namespace:** AuthorizeNet

**Assembly:** AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

C#
public Crypto()

Visual Basic
Public Sub New

Visual C++
public:
Crypto()
See Also

Crypto Class
AuthorizeNet Namespace

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Crypto Methods

The **Crypto** type exposes the following members.
# Methods

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>EncryptHMAC</td>
<td>Encrypts the key/value pair supplied using HMAC-MD5</td>
</tr>
<tr>
<td>Equals</td>
<td>Determines whether the specified Object is equal to the current Object.</td>
</tr>
<tr>
<td>(Inherited from Object.)</td>
<td></td>
</tr>
<tr>
<td>GenerateFingerprint</td>
<td>Generates the HMAC-encrypted hash to send along with the SIM form</td>
</tr>
<tr>
<td>GenerateSequence</td>
<td>Generates a 4-place sequence number randomly</td>
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<tr>
<td>GenerateTimestamp</td>
<td>Generates a timestamp in seconds from 1970</td>
</tr>
<tr>
<td>GetHashCode</td>
<td>Serves as a hash function for a particular type.</td>
</tr>
<tr>
<td>(Inherited from Object.)</td>
<td></td>
</tr>
<tr>
<td>GetType</td>
<td>Gets the Type of the current instance.</td>
</tr>
<tr>
<td>(Inherited from Object.)</td>
<td></td>
</tr>
<tr>
<td>IsMatch</td>
<td>Decrypts provided string parameter</td>
</tr>
<tr>
<td>ToString</td>
<td>Returns a String that represents the current Object.</td>
</tr>
<tr>
<td>(Inherited from Object.)</td>
<td></td>
</tr>
</tbody>
</table>
See Also

Crypto Class
AuthorizeNet Namespace

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EncryptHMAC Method

| Crypto Class | See Also | Send Feedback |

Encrypts the key/value pair supplied using HMAC-MD5

**Namespace:** AuthorizeNet

**Assembly:** AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

C#

public static string EncryptHMAC(
    string key,
    string value
)

Visual Basic

Public Shared Function EncryptHMAC ( _
    key As String, _
    value As String _
) As String

Visual C++

public:
static String^ EncryptHMAC(
    String^ key,
    String^ value
)

Parameters

key
    Type: System:::String

value
    Type: System:::String
See Also

Crypto Class
AuthorizeNet Namespace

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Generates the HMAC-encrypted hash to send along with the SIM form

**Namespace:** AuthorizeNet

**Assembly:** AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

C#

public static string GenerateFingerprint(
    string transactionKey,
    string login,
    decimal amount,
    string sequence,
    string timeStamp
)

Visual Basic

Public Shared Function GenerateFingerprint ( _
    transactionKey As String, _
    login As String, _
    amount As Decimal, _
    sequence As String, _
    timeStamp As String _
) As String

Visual C++

public:
static String^ GenerateFingerprint(
    String^ transactionKey,
    String^ login,
    Decimal amount,
    String^ sequence,
    String^ timeStamp
)

Parameters

transactionKey
  Type: System::String
  The merchant's transaction key

login
Type: `System..::..String`
The merchant's Authorize.NET API Login

amount
Type: `System..::..Decimal`
The amount of the transaction

sequence
Type: `System..::..String`

timeStamp
Type: `System..::..String`

**Return Value**
See Also

Crypto Class
AuthorizeNet Namespace

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GenerateSequence Method

Crypto Class See Also Send Feedback

Generates a 4-place sequence number randomly

Namespace: AuthorizeNet

Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
## Syntax

### C#

```csharp
public static string GenerateSequence()
```

### Visual Basic

```vbnet
Public Shared Function GenerateSequence As String
```

### Visual C++

```cpp
public:
    static String^ GenerateSequence()
```

### Return Value
See Also

Crypto Class
AuthorizeNet Namespace

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Crypto...: GenerateTimestamp Method

Generates a timestamp in seconds from 1970

**Namespace:** AuthorizeNet

**Assembly:** AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

**C#**

```
public static int GenerateTimestamp()
```

**Visual Basic**

```
Public Shared Function GenerateTimestamp As Integer
```

**Visual C++**

```
public:
static int GenerateTimestamp()
```
See Also

Crypto Class
AuthorizeNet Namespace

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Crypto...: IsMatch Method

Decrypts provided string parameter

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

C#

public static bool IsMatch(
    string key,
    string apiLogin,
    string transactionID,
    decimal amount,
    string expected
)

Visual Basic

Public Shared Function IsMatch ( _
    key As String, _
    apiLogin As String, _
    transactionID As String, _
    amount As Decimal, _
    expected As String _
) As Boolean

Visual C++

public:
static bool IsMatch(
    String^ key,
    String^ apiLogin,
    String^ transactionID,
    Decimal amount,
    String^ expected
)

Parameters

key
    Type: System:::String

apiLogin
    Type: System:::String
transactionID
   Type: System::String

amount
   Type: System::Decimal

expected
   Type: System::String
See Also

Crypto Class
AuthorizeNet Namespace

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**Namespace:** AuthorizeNet

**Assembly:** AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0

This is an abstraction for use with the CIM API. It's a partial class so you can combine it with your class as needed.
Syntax

C#
public class Customer

Visual Basic
Public Class Customer

Visual C++
public ref class Customer
Inheritance Hierarchy

System...Object
AuthorizeNet...Customer
See Also

Customer Members
AuthorizeNet Namespace

Copyright 2010, Authorize.NET
The `Customer` type exposes the following members.
## Constructors

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Customer</td>
<td>Initializes a new instance of the Customer class</td>
</tr>
</tbody>
</table>
## Methods

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Equals</strong></td>
<td>Determines whether the specified <a href="#">Object</a> is equal to the current <a href="#">Object</a>. (Inherited from <a href="#">Object</a>.)</td>
</tr>
<tr>
<td><strong>GetHashCode</strong></td>
<td>Serves as a hash function for a particular type. (Inherited from <a href="#">Object</a>.)</td>
</tr>
<tr>
<td><strong>GetType</strong></td>
<td>Gets the <a href="#">Type</a> of the current instance. (Inherited from <a href="#">Object</a>.)</td>
</tr>
<tr>
<td><strong>ToString</strong></td>
<td>Returns a <a href="#">String</a> that represents the current <a href="#">Object</a>. (Inherited from <a href="#">Object</a>.)</td>
</tr>
<tr>
<td>Name</td>
<td>Description</td>
</tr>
<tr>
<td>---------------------</td>
<td>-------------</td>
</tr>
<tr>
<td>BillingAddress</td>
<td></td>
</tr>
<tr>
<td>Description</td>
<td></td>
</tr>
<tr>
<td>Email</td>
<td></td>
</tr>
<tr>
<td>ID</td>
<td></td>
</tr>
<tr>
<td>PaymentProfiles</td>
<td></td>
</tr>
<tr>
<td>ProfileID</td>
<td></td>
</tr>
<tr>
<td>ShippingAddresses</td>
<td></td>
</tr>
</tbody>
</table>
See Also

Customer Class
AuthorizeNet Namespace

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Customer Constructor

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0

Initializes a new instance of the Customer class
Syntax

C#

public Customer()

Visual Basic

Public Sub New

Visual C++

public:
Customer()
See Also

Customer Class
AuthorizeNet Namespace

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Customer Methods

The Customer type exposes the following members.
## Methods

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Equals</strong></td>
<td>Determines whether the specified Object is equal to the current Object. (Inherited from Object.)</td>
</tr>
<tr>
<td><strong>GetHashCode</strong></td>
<td>Serves as a hash function for a particular type. (Inherited from Object.)</td>
</tr>
<tr>
<td><strong>GetType</strong></td>
<td>Gets the Type of the current instance. (Inherited from Object.)</td>
</tr>
<tr>
<td><strong>ToString</strong></td>
<td>Returns a String that represents the current Object. (Inherited from Object.)</td>
</tr>
</tbody>
</table>
See Also

Customer Class
AuthorizeNet Namespace

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Customer Properties

See Also  Send Feedback

The Customer type exposes the following members.
### Properties

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>BillingAddress</td>
<td></td>
</tr>
<tr>
<td>Description</td>
<td></td>
</tr>
<tr>
<td>Email</td>
<td></td>
</tr>
<tr>
<td>ID</td>
<td></td>
</tr>
<tr>
<td>PaymentProfiles</td>
<td></td>
</tr>
<tr>
<td>ProfileID</td>
<td></td>
</tr>
<tr>
<td>ShippingAddresses</td>
<td></td>
</tr>
</tbody>
</table>
See Also

Customer Class
AuthorizeNet Namespace

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BillingAddress Property

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

C#

public Address BillingAddress { get; set; }

Visual Basic

Public Property BillingAddress As Address
    Get
        Address
    Set
        Address

Visual C++

public:
    property Address^ BillingAddress {
        Address^ get ();
        void set (Address^ value);
    }
See Also

Customer Class
AuthorizeNet Namespace

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---

**Namespace:** AuthorizeNet

**Assembly:** AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
C#

public string Description { get; set; }

Visual Basic

Public Property Description As String
Get
Set

Visual C++

public:
property String^ Description {
    String^ get ();
    void set (String^ value);
}
See Also

Customer Class
AuthorizeNet Namespace

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Customer:::Email Property

Customer Class See Also Send Feedback

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
**Syntax**

**C#**

```csharp
public string Email { get; set; }
```

**Visual Basic**

```vbnet
Public Property Email As String
    Get
    Set
```

**Visual C++**

```cpp
public:
    property String^ Email { 
        String^ get ();
        void set (String^ value);
    }
```
See Also

Customer Class
AuthorizeNet Namespace

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Customer...:::ID Property

**Namespace:** AuthorizeNet

**Assembly:** AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

C#

public string ID { get; set; }

Visual Basic

Public Property ID As String
    Get
    Set

Visual C++

public:
    property String^ ID {
        String^ get ();
        void set (String^ value);
    }
See Also

Customer Class
AuthorizeNet Namespace

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Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

**C#**

public `IList<PaymentProfile>` PaymentProfiles { get; set; }

**Visual Basic**

Public Property PaymentProfiles As `IList(Of PaymentProfile)`
Get
Set

**Visual C++**

public:

property `IList<PaymentProfile>`^ PaymentProfiles {
    `IList<PaymentProfile>`^ get ();
    void set (`IList<PaymentProfile>`^ value);
}
See Also

Customer Class
AuthorizeNet Namespace

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Customer::ProfileID Property

Customer Class See Also Send Feedback
Syntax

C#

public string ProfileID { get; set; }

Visual Basic

Public Property ProfileID As String
    Get
    Set

Visual C++

public:
    property String^ ProfileID {
        String^ get ();
        void set (String^ value);
    }
See Also

Customer Class
AuthorizeNet Namespace

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Customer.ShippingAddresses Property

**Customer Class** See Also Send Feedback

**Namespace:** AuthorizeNet
**Assembly:** AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

C#

public IList<Address> ShippingAddresses { get; set; }

Visual Basic

Public Property ShippingAddresses As IList(Of Address)
    Get
        Get
    Set
        Set

Visual C++

public:
property IList<Address>^ ShippingAddresses {
    IList<Address>^ get ();
    void set (IList<Address>^ value);
See Also

Customer Class
AuthorizeNet Namespace

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C# Visual Basic Visual C++

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CustomerGateway Class

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

C#

public class CustomerGateway : ICustomerGateway

Visual Basic

Public Class CustomerGateway _
    Implements ICustomerGateway

Visual C++

public ref class CustomerGateway : ICustomerGateway
Inheritance Hierarchy

System:::Object
AuthorizeNet:::CustomerGateway
See Also

CustomerGateway Members
AuthorizeNet Namespace

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CustomerGateway Members

The `CustomerGateway` type exposes the following members.
## Constructors

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td><code>CustomerGateway(String, String)</code></td>
<td>Initializes a new instance of the <code>CustomerGateway</code> class.</td>
</tr>
<tr>
<td><code>CustomerGateway(String, String, ServiceMode)</code></td>
<td>Initializes a new instance of the <code>CustomerGateway</code> class.</td>
</tr>
</tbody>
</table>
## Methods

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>AddCreditCard(String, String, Int32, Int32, String)</td>
<td>Adds a credit card profile to the user and returns the profile ID</td>
</tr>
<tr>
<td>AddCreditCard(String, String, Int32, Int32, String, Address)</td>
<td>Adds a credit card profile to the user and returns the profile ID</td>
</tr>
<tr>
<td>AddShippingAddress(String, Address)</td>
<td>Adds a Shipping Address to the customer profile</td>
</tr>
<tr>
<td>AddShippingAddress(String, String, String, String, String, String, String, String, String)</td>
<td>Adds a Shipping Address to the customer profile</td>
</tr>
<tr>
<td>Authorize(Order)</td>
<td>Authorizes a transaction using the supplied profile information, abstracted through an Order object. Using the Order you can add line items, specify shipping and tax, etc.</td>
</tr>
<tr>
<td>Authorize(String, String, Decimal)</td>
<td>Authorizes a transaction using the supplied profile information.</td>
</tr>
<tr>
<td>Authorize(String, String, Decimal, Decimal)</td>
<td>Authorizes a transaction using the supplied profile information with Tax and Shipping specified. If you want to add more detail here, use the 3rd option - which is to add an Order object</td>
</tr>
<tr>
<td>AuthorizeAndCapture(Order)</td>
<td>Authorizes and Captures a transaction using the supplied profile information, abstracted through an Order object. Using the Order you can add line items, specify shipping and tax, etc.</td>
</tr>
<tr>
<td>AuthorizeAndCapture(String, String, Decimal)</td>
<td>Authorizes and Captures a transaction using the supplied profile information.</td>
</tr>
<tr>
<td>AuthorizeAndCapture(String, String, String, String, String, String, String, String, String)</td>
<td>Authorizes and Captures a transaction using the supplied profile information.</td>
</tr>
<tr>
<td>Method</td>
<td>Description</td>
</tr>
<tr>
<td>--------</td>
<td>-------------</td>
</tr>
<tr>
<td>String, Decimal, Decimal, Decimal</td>
<td>with Tax and Shipping specified. If you want to add more detail here, use the 3rd option - which is to add an Order object</td>
</tr>
<tr>
<td>Capture</td>
<td>Captures the specified transaction.</td>
</tr>
<tr>
<td>CreateCustomer</td>
<td>Deletes a customer from the AuthNET servers.</td>
</tr>
<tr>
<td>DeleteCustomer</td>
<td>Deletes a payment profile for a customer from the AuthNET servers.</td>
</tr>
<tr>
<td>DeletePaymentProfile</td>
<td>Deletes a shipping address for a given user from the AuthNET servers.</td>
</tr>
<tr>
<td>DeleteShippingAddress</td>
<td>Determines whether the specified object is equal to the current object. (Inherited from Object.)</td>
</tr>
<tr>
<td>Equals</td>
<td>Retrieve an existing customer profile along with all the associated customer payment profiles and customer shipping addresses.</td>
</tr>
<tr>
<td>GetCustomer</td>
<td>Returns all Customer IDs stored at Authorize.NET</td>
</tr>
<tr>
<td>GetHashCode</td>
<td>Serves as a hash function for a particular type. (Inherited from Object.)</td>
</tr>
<tr>
<td>GetCustomerIDs</td>
<td>Gets a shipping address for a customer.</td>
</tr>
<tr>
<td>GetShippingAddress</td>
<td>Gets the Type of the current instance. (Inherited from Object.)</td>
</tr>
<tr>
<td>GetType</td>
<td>Refunds a transaction for the specified amount</td>
</tr>
<tr>
<td>Refund</td>
<td>Returns a String that represents the current Object. (Inherited from Object.)</td>
</tr>
<tr>
<td>ToString</td>
<td>Updates a customer's record.</td>
</tr>
<tr>
<td>UpdateCustomer</td>
<td>Updates a payment profile for a user.</td>
</tr>
<tr>
<td>UpdatePaymentProfile</td>
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</tr>
<tr>
<td>UpdateShippingAddress</td>
<td>ValidateProfile(String, Decimal, Decimal, Decimal)</td>
</tr>
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</table>
ValidateProfile(String, String, ServiceMode)

This function validates the information on a profile - making sure what you have stored at AuthNET is valid. You can do this in two ways: in TestMode it will just run a validation to be sure all required fields are present and valid. If you specify "live" - a $0.01 charge will be applied to the profile.

Void

Voids a previously authorized transaction.
See Also

CustomerGateway Class
AuthorizeNet Namespace

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CustomerGateway Constructor

[Links: CustomerGateway Class See Also Send Feedback]
## Overload List

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<td>Initializes a new instance of the <code>CustomerGateway</code> class.</td>
</tr>
<tr>
<td><code>CustomerGateway(String, String, ServiceMode)</code></td>
<td>Initializes a new instance of the <code>CustomerGateway</code> class.</td>
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See Also

CustomerGateway Class
CustomerGateway Members
AuthorizeNet Namespace

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CustomerGateway Constructor (String, String)

Initialize a new instance of the CustomerGateway class.

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

C#

```csharp
public CustomerGateway(
               string apiLogin,
               string transactionKey
)
```

Visual Basic

```vbnet
Public Sub New ( _
               apiLogin As String, _
               transactionKey As String _
)
```

Visual C++

```cpp
public: 
CustomerGateway(
               String^ apiLogin,
               String^ transactionKey
)
```

Parameters

apiLogin
Type: System:::String
The API login.

transactionKey
Type: System:::String
The transaction key.
See Also

CustomerGateway Class
CustomerGateway Overload
AuthorizeNet Namespace

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CustomerGateway Constructor (String, String, ServiceMode)

Initialize a new instance of the CustomerGateway class.

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

C#

public CustomerGateway(
    string apiLogin,
    string transactionKey,
    ServiceMode mode
)

Visual Basic

Public Sub New (_
    apiLogin As String, _
    transactionKey As String, _
    mode As ServiceMode _
)

Visual C++

public:
CustomerGateway(
    String^ apiLogin,
    String^ transactionKey,
    ServiceMode mode
)

Parameters

apiLogin
    Type: System:::String
    The API login.

transactionKey
    Type: System:::String
    The transaction key.

mode
    Type: AuthorizeNet:::ServiceMode
Test or Live.
See Also

CustomerGateway Class
CustomerGateway Overload
AuthorizeNet Namespace

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CustomerGateway Methods

The CustomerGateway type exposes the following members.
## Methods

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<th>Description</th>
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<td>AddCreditCard(String, String, Int32, Int32, String)</td>
<td>Adds a credit card profile to the user and returns the profile ID</td>
</tr>
<tr>
<td>AddCreditCard(String, String, Int32, Int32, String, Address)</td>
<td>Adds a credit card profile to the user and returns the profile ID</td>
</tr>
<tr>
<td>AddShippingAddress(String, Address)</td>
<td>Adds a Shipping Address to the customer profile</td>
</tr>
<tr>
<td>AddShippingAddress(String, String, String, String, String, String, String, String, String)</td>
<td>Adds a Shipping Address to the customer profile</td>
</tr>
<tr>
<td>Authorize(Order)</td>
<td>Authorizes a transaction using the supplied profile information, abstracted through an Order object. Using the Order you can add line items, specify shipping and tax, etc.</td>
</tr>
<tr>
<td>Authorize(String, String, Decimal)</td>
<td>Authorizes a transaction using the supplied profile information.</td>
</tr>
<tr>
<td>Authorize(String, String, Decimal, Decimal, Decimal)</td>
<td>Authorizes a transaction using the supplied profile information with Tax and Shipping specified. If you want to add more detail here, use the 3rd option - which is to add an Order object</td>
</tr>
<tr>
<td>AuthorizeAndCapture(Order)</td>
<td>Authorizes and Captures a transaction using the supplied profile information, abstracted through an Order object. Using the Order you can add line items, specify shipping and tax, etc.</td>
</tr>
<tr>
<td>AuthorizeAndCapture(String, String, Decimal)</td>
<td>Authorizes and Captures a transaction using the supplied profile information. Autorizes and Captures a transaction using the supplied profile information</td>
</tr>
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<td>Authorizes and Captures a transaction using the supplied profile information. Authorizes and Captures a transaction using the supplied profile information</td>
</tr>
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<td>Method Name</td>
<td>Description</td>
</tr>
<tr>
<td>-------------</td>
<td>-------------</td>
</tr>
<tr>
<td>String, Decimal, Decimal, Decimal</td>
<td>with Tax and Shipping specified. If you want to add more detail here, use the 3rd option - which is to add an Order object</td>
</tr>
<tr>
<td>Capture</td>
<td>Captures the specified transaction.</td>
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<tr>
<td>CreateCustomer</td>
<td>Deletes a customer from the AuthNET servers.</td>
</tr>
<tr>
<td>DeleteCustomer</td>
<td>Deletes a payment profile for a customer from the AuthNET servers.</td>
</tr>
<tr>
<td>DeletePaymentProfile</td>
<td>Deletes a shipping address for a given user from the AuthNET servers.</td>
</tr>
<tr>
<td>DeleteShippingAddress</td>
<td>Determines whether the specified Object is equal to the current Object. (Inherited from Object.)</td>
</tr>
<tr>
<td>Equals</td>
<td>Retrieve an existing customer profile along with all the associated customer payment profiles and customer shipping addresses.</td>
</tr>
<tr>
<td>GetCustomer</td>
<td>Returns all Customer IDs stored at Authorize.NET</td>
</tr>
<tr>
<td>GetCustomerIDs</td>
<td>Serves as a hash function for a particular type. (Inherited from Object.)</td>
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<tr>
<td>GetHashCode</td>
<td>Gets a shipping address for a customer.</td>
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| UpdateShippingAddress | ValidateProfile(String,
This function validates the information on a profile - making sure what you have stored at AuthNET is valid. You can do this in two ways: in TestMode it will just run a validation to be sure all required fields are present and valid. If you specify "live" - a $0.01 charge will be applied to the profile.

Voids a previously authorized transaction.
See Also

CustomerGateway Class
AuthorizeNet Namespace

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CustomerGateway...AddCreditCard Method

CustomerGateway Class See Also Send Feedback
<table>
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<tr>
<td>AddCreditCard(String, String, Int32, Int32, String)</td>
<td>Adds a credit card profile to the user and returns the profile ID</td>
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<tr>
<td>AddCreditCard(String, String, Int32, Int32, String, Address)</td>
<td>Adds a credit card profile to the user and returns the profile ID</td>
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See Also

CustomerGateway Class
CustomerGateway Members
AuthorizeNet Namespace

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`AddCreditCard` Method (String, String, Int32, Int32, String)

Adds a credit card profile to the user and returns the profile ID

**Namespace:** AuthorizeNet  
**Assembly:** AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

C#

public string AddCreditCard(
    string profileID,
    string cardNumber,
    int expirationMonth,
    int expirationYear,
    string cardCode
)

Visual Basic

Public Function AddCreditCard ( _
    profileID As String, _
    cardNumber As String, _
    expirationMonth As Integer, _
    expirationYear As Integer, _
    cardCode As String _
) As String

Visual C++

public:
    virtual String^ AddCreditCard(
    String^ profileID,
    String^ cardNumber,
    int expirationMonth,
    int expirationYear,
    String^ cardCode
) sealed

Parameters

profileID
   Type: System::String
   The profile ID.

cardNumber
Type: System..::..String
The card number.

expirationMonth
 Type: System..::..Int32
The expiration month.

expirationYear
 Type: System..::..Int32
The expiration year.

cardCode
 Type: System..::..String
The card code.

Return Value

Implements

ICustomerGateway..::..AddCreditCard(String, String, Int32, Int32, String)
See Also

CustomerGateway Class
AddCreditCard Overload
AuthorizeNet Namespace

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CustomerGateway...AddCreditCard Method (String, String, Int32, Int32, String, Address)

**CustomerGateway Class** [See Also](#) **Send Feedback**

Adds a credit card profile to the user and returns the profile ID

**Namespace:** [AuthorizeNet](#)

**Assembly:** AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

C#

public string AddCreditCard(
    string profileID,
    string cardNumber,
    int expirationMonth,
    int expirationYear,
    string cardCode,
    Address billToAddress
)

Visual Basic

Public Function AddCreditCard ( _
    profileID As String, _
    cardNumber As String, _
    expirationMonth As Integer, _
    expirationYear As Integer, _
    cardCode As String, _
    billToAddress As Address _
) As String

Visual C++

public:
    virtual String^ AddCreditCard(
        String^ profileID,
        String^ cardNumber,
        int expirationMonth,
        int expirationYear,
        String^ cardCode,
        Address^ billToAddress
    ) sealed

Parameters

profileID
    Type: System::: String
cardNumber
   Type: System::..String

expirationMonth
   Type: System::..Int32

expirationYear
   Type: System::..Int32

cardCode
   Type: System::..String

billToAddress
   Type: AuthorizeNet::..Address

Return Value

Implements

ICustomerGateway::..AddCreditCard(String, String, Int32, Int32, String, Address)
See Also

CustomerGateway Class
AddCreditCard Overload
AuthorizeNet Namespace

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CustomerGateway...AddShippingAddress Method

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<th>Description</th>
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</thead>
<tbody>
<tr>
<td>AddShippingAddress(String, Address)</td>
<td>Adds a Shipping Address to the customer profile</td>
</tr>
<tr>
<td>AddShippingAddress(String, String, String, String, String, String, String)</td>
<td>Adds a Shipping Address to the customer profile</td>
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See Also

CustomerGateway Class
CustomerGateway Members
AuthorizeNet Namespace

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CustomerGateway.AddShippingAddress Method (String, Address)

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

C#

public string AddShippingAddress(
    string profileID,
    Address address
)

Visual Basic

Public Function AddShippingAddress ( _
    profileID As String, _
    address As Address _
) As String

Visual C++

public:
virtual String^ AddShippingAddress(
    String^ profileID,
    Address^ address
) sealed

Parameters

profileID
    Type: System:::String

address
    Type: AuthorizeNet:::Address

Implements

ICustomerGateway:::AddShippingAddress(String, Address)
See Also

CustomerGateway Class
AddShippingAddress Overload
AuthorizeNet Namespace

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CustomerGateway...:..AddShippingAddress Method (String, String, String, String, String, String, String, String)

*CustomerGateway Class See Also Send Feedback*

Adds a Shipping Address to the customer profile

**Namespace:** AuthorizeNet

**Assembly:** AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

C#

```csharp
public string AddShippingAddress(
    string profileID,
    string first,
    string last,
    string street,
    string city,
    string state,
    string zip,
    string country,
    string phone
)
```

Visual Basic

```vbnet
Public Function AddShippingAddress ( _
    profileID As String, _
    first As String, _
    last As String, _
    street As String, _
    city As String, _
    state As String, _
    zip As String, _
    country As String, _
    phone As String _
) As String
```

Visual C++

```cpp
public:

virtual String^ AddShippingAddress(
    String^ profileID,
    String^ first,
    String^ last,
    String^ street,
    String^ city,
    String^ state,
    String^ zip,
    String^ country,
    String^ phone
)
```

) sealed
Parameters

profileID
  Type: System:::String

first
  Type: System:::String

last
  Type: System:::String

street
  Type: System:::String

city
  Type: System:::String

state
  Type: System:::String

zip
  Type: System:::String

country
  Type: System:::String

phone
  Type: System:::String

Implements

ICustomerGateway:::AddShippingAddress(String, String, String, String, String, String, String, String, String)
See Also

CustomerGateway Class
AddShippingAddress Overload
AuthorizeNet Namespace

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CustomerGateway Class  See Also  Send Feedback
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<td><strong>Authorize(Order)</strong></td>
<td>Authorizes a transaction using the supplied profile information, abstracted through an Order object. Using the Order you can add line items, specify shipping and tax, etc.</td>
</tr>
<tr>
<td><strong>Authorize(String, String, Decimal)</strong></td>
<td>Authorizes a transaction using the supplied profile information.</td>
</tr>
<tr>
<td><strong>Authorize(String, String, Decimal, Decimal, Decimal)</strong></td>
<td>Authorizes a transaction using the supplied profile information with Tax and Shipping specified. If you want to add more detail here, use the 3rd option - which is to add an Order object</td>
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</table>
See Also

CustomerGateway Class
CustomerGateway Members
AuthorizeNet Namespace

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Authorize Method (Order)

Authorizes a transaction using the supplied profile information, abstracted through an Order object. Using the Order you can add line items, specify shipping and tax, etc.

**Namespace:** AuthorizeNet

**Assembly:** AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

C#

```csharp
public IGatewayResponse Authorize(Order order)
```

Visual Basic

```vbnet
Public Function Authorize(_
    order As Order _
) As IGatewayResponse
```

Visual C++

```cpp
public:
    virtual IGatewayResponse^ Authorize(_
        Order^ order
    ) sealed
```

Parameters

order

Type: AuthorizeNet::Order
The order.

Return Value

A string representing the approval code

Implements

ICustomerGateway::Authorize(Order)
See Also

CustomerGateway Class
Authorize Overload
AuthorizeNet Namespace

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Authorize Method (String, String, Decimal)

Authorizes a transaction using the supplied profile information.

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
## Syntax

### C#

```csharp
public IGatewayResponse Authorize(
    string profileID,
    string paymentProfileID,
    decimal amount
)
```

### Visual Basic

```vbnet
Public Function Authorize( _
    profileID As String, _
    paymentProfileID As String, _
    amount As Decimal _
) As IGatewayResponse
```

### Visual C++

```cpp
public:
    virtual IGatewayResponse^ Authorize(
        String^ profileID,
        String^ paymentProfileID,
        Decimal^ amount
    ) sealed
```

## Parameters

- **profileID**
  - Type: `System::String`
  - The profile ID.

- **paymentProfileID**
  - Type: `System::String`
  - The payment profile ID.

- **amount**
  - Type: `System::Decimal`
The amount.

**Return Value**

**Implements**

ICustomerGateway::Authorize(String, String, Decimal)
See Also

CustomerGateway Class
Authorize Overload
AuthorizeNet Namespace

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Authorize Method (String, String, Decimal, Decimal, Decimal)

AuthorizeMethod Class

See Also

Send Feedback

Authorizes a transaction using the supplied profile information with Tax and Shipping specified. If you want to add more detail here, use the 3rd option - which is to add an Order object

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

C#

public IGatewayResponse Authorize(
    string profileID,
    string paymentProfileID,
    decimal amount,
    decimal tax,
    decimal shipping
)

Visual Basic

Public Function Authorize (_
    profileID As String, _
    paymentProfileID As String, _
    amount As Decimal, _
    tax As Decimal, _
    shipping As Decimal _
) As IGatewayResponse

Visual C++

public: virtual IGatewayResponse^ Authorize(
    String^ profileID,
    String^ paymentProfileID,
    Decimal amount,
    Decimal tax,
    Decimal shipping
)

sealed

Parameters

profileID
Type: System::..::String
The profile ID.

paymentProfileID
Type: `System.String`
The payment profile ID.

amount
Type: `System.Decimal`
The amount.

tax
Type: `System.Decimal`
The tax.

shipping
Type: `System.Decimal`
The shipping.

**Return Value**

**Implements**

`ICustomerGateway.Authorize(String, String, Decimal, Decimal, Decimal)`
See Also

CustomerGateway Class
Authorize Overload
AuthorizeNet Namespace

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CustomerGateway...AuthorizeAndCapture Method

CustomerGateway Class See Also Send Feedback
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<tr>
<td><code>AuthorizeAndCapture(Order)</code></td>
<td>Authorizes and Captures a transaction using the supplied profile information, abstracted through an Order object. Using the Order you can add line items, specify shipping and tax, etc.</td>
</tr>
<tr>
<td><code>AuthorizeAndCapture(String, String, Decimal)</code></td>
<td>Authorizes and Captures a transaction using the supplied profile information.</td>
</tr>
<tr>
<td><code>AuthorizeAndCapture(String, String, Decimal, Decimal)</code></td>
<td>Authorizes and Captures a transaction using the supplied profile information with Tax and Shipping specified. If you want to add more detail here, use the 3rd option - which is to add an Order object</td>
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See Also

CustomerGateway Class
CustomerGateway Members
AuthorizeNet Namespace

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**AuthorizeAndCapture Method (Order)**

Authorizes and Captures a transaction using the supplied profile information, abstracted through an Order object. Using the Order you can add line items, specify shipping and tax, etc.

**Namespace:** AuthorizeNet

**Assembly:** AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

C#

public IGatewayResponse AuthorizeAndCapture(Order order)

Visual Basic

Public Function AuthorizeAndCapture( _
    order As Order _
) As IGatewayResponse

Visual C++

public:
virtual IGatewayResponse^ AuthorizeAndCapture( _
    Order^ order _
) sealed

Parameters

order
Type: AuthorizeNet::Order
The order.

Return Value

Implements

ICustomerGateway::AuthorizeAndCapture(Order)
See Also

CustomerGateway Class
AuthorizeAndCapture Overload
AuthorizeNet Namespace

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AuthorizeAndCapture Method (String, String, Decimal)

Authorizes and Captures a transaction using the supplied profile information.

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
### Syntax

#### C#

```csharp
public IGatewayResponse AuthorizeAndCapture(
    string profileID,
    string paymentProfileID,
    decimal amount
)
```

#### Visual Basic

```vbnet
Public Function AuthorizeAndCapture ( _
    profileID As String, _
    paymentProfileID As String, _
    amount As Decimal _
) As IGatewayResponse
```

#### Visual C++

```cpp
public:
    virtual IGatewayResponse^ AuthorizeAndCapture(
        String^ profileID,
        String^ paymentProfileID,
        Decimal amount
    ) sealed
```

### Parameters

**profileID**
- Type: `System::::String`
  - The profile ID.

**paymentProfileID**
- Type: `System::::String`
  - The payment profile ID.

**amount**
- Type: `System::::Decimal`
The amount.

Return Value

Implements

ICustomerGateway.AuthorizeAndCapture(String, String, Decimal)
See Also

CustomerGateway Class
AuthorizeAndCapture Overload
AuthorizeNet Namespace

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AuthorizeAndCapture Method (String, String, Decimal, Decimal)

AuthorizeGateway Class  See Also  Send Feedback

Authorizes and Captures a transaction using the supplied profile information with Tax and Shipping specified. If you want to add more detail here, use the 3rd option - which is to add an Order object

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

C#

```csharp
public IGatewayResponse AuthorizeAndCapture(
    string profileID,
    string paymentProfileID,
    decimal amount,
    decimal tax,
    decimal shipping
)
```

Visual Basic

```vbnet
Public Function AuthorizeAndCapture ( _
    profileID As String, _
    paymentProfileID As String, _
    amount As Decimal, _
    tax As Decimal, _
    shipping As Decimal _
) As IGatewayResponse
```

Visual C++

```cpp
public: 
virtual IGatewayResponse^ AuthorizeAndCapture(
    String^ profileID,
    String^ paymentProfileID,
    Decimal amount,
    Decimal tax,
    Decimal shipping
)
```

Parameters

profileID
Type: `System::String`
The profile ID.

paymentProfileID
Type: System...String
The payment profile ID.

amount
Type: System...Decimal
The amount.

tax
Type: System...Decimal
The tax.

shipping
Type: System...Decimal
The shipping.

Return Value

Implements

ICustomerGateway...AuthorizeAndCapture(String, String, Decimal, Decimal, Decimal)
See Also

CustomerGateway Class
AuthorizeAndCapture Overload
AuthorizeNet Namespace

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CustomerGateway...:::Capture Method

Captures the specified transaction.

**Namespace:** AuthorizeNet

**Assembly:** AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

C#

public IGatewayResponse Capture(
    string profileID,
    string paymentProfileId,
    string cardCode,
    decimal amount,
    string approvalCode
)

Visual Basic

Public Function Capture(_
    profileID As String, _
    paymentProfileId As String, _
    cardCode As String, _
    amount As Decimal, _
    approvalCode As String _
) As IGatewayResponse

Visual C++

public:
virtual IGatewayResponse^ Capture(
    String^ profileID,
    String^ paymentProfileId,
    String^ cardCode,
    Decimal amount,
    String^ approvalCode
)
sealed

Parameters

profileID
    Type: System::::String
    The profile ID.

paymentProfileId
Type: System:::String
The payment profile id.

cardCode
Type: System:::String
The 3 digit card code.

amount
Type: System:::Decimal
The amount.

approvalCode
Type: System:::String
The approval code.

Return Value

Implements

ICustomerGateway:::Capture(String, String, String, Decimal, String)
See Also

CustomerGateway Class
AuthorizeNet Namespace

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CreateCustomer Method

CustomerGateway Class See Also Send Feedback

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

C#

```csharp
public Customer CreateCustomer(
    string email,
    string description
)
```

Visual Basic

```vbnet
Public Function CreateCustomer ( _
    email As String, _
    description As String _
) As Customer
```

Visual C++

```cpp
public:
virtual Customer^ CreateCustomer(
    String^ email,
    String^ description
) sealed
```

Parameters

email
 Type: `System::String`

description
 Type: `System::String`

Implements

`ICustomerGateway::CreateCustomer(String, String)`
See Also

CustomerGateway Class
AuthorizeNet Namespace

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**CustomerGateway Class**

DeleteCustomer Method

**Namespace**: AuthorizeNet

**Assembly**: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0

Deletes a customer from the AuthNET servers.
Syntax

C#

```csharp
public bool DeleteCustomer(
    string profileID
)
```

Visual Basic

Public Function DeleteCustomer ( _
    profileID As String _
) As Boolean

Visual C++

```cpp
public:
virtual bool DeleteCustomer(
    String^ profileID
) sealed
```

Parameters

profileID

Type: `System::::String`
The profile ID.

Return Value

Implements

`ICustomerGateway::DeleteCustomer(String)`
See Also

CustomerGateway Class
AuthorizeNet Namespace

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DeletePaymentProfile Method

Deletes a payment profile for a customer from the AuthNET servers.

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

C#

public bool DeletePaymentProfile(
    string profileID,
    string paymentProfileID
)

Visual Basic

Public Function DeletePaymentProfile ( _
    profileID As String, _
    paymentProfileID As String _
) As Boolean

Visual C++

public:
virtual bool DeletePaymentProfile(
    String^ profileID,
    String^ paymentProfileID
)
sealed

Parameters

profileID
Type: System::String
The profile ID.

paymentProfileID
Type: System::String
The payment profile ID.

Return Value

Implements
ICustomerGateway::DeletePaymentProfile(String, String)
See Also

CustomerGateway Class
AuthorizeNet Namespace

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**CustomerGateway.DeleteShippingAddress Method**

**CustomerGateway Class** See Also Send Feedback

Deletes a shipping address for a given user from the AuthNET servers.

**Namespace:** AuthorizeNet

**Assembly:** AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

C#

public bool DeleteShippingAddress(
    string profileID,
    string shippingAddressID
)

Visual Basic

Public Function DeleteShippingAddress ( _
    profileID As String, _
    shippingAddressID As String _
) As Boolean

Visual C++

public:
virtual bool DeleteShippingAddress(
    String^ profileID,
    String^ shippingAddressID
) sealed

Parameters

profileID
Type: System::String
The profile ID.

shippingAddressID
Type: System::String
The shipping address ID.

Return Value

Implements
ICustomerGateway...:::DeleteShippingAddress(String, String)
See Also

CustomerGateway Class
AuthorizeNet Namespace

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CustomerGateway...GetCustomer Method

Retrieve an existing customer profile along with all the associated customer payment profiles and customer shipping addresses.

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
**Syntax**

**C#**

```csharp
public Customer GetCustomer(
    string profileID
)
```

**Visual Basic**

```vbnet
Public Function GetCustomer (_
    profileID As String _
) As Customer
```

**Visual C++**

```cpp
public:
    virtual Customer^ GetCustomer(
        String^ profileID
    ) sealed
```

**Parameters**

**profileID**

Type: `System::String`

The profile ID

**Return Value**

**Implements**

`ICustomerGateway::GetCustomer(String)`
See Also

CustomerGateway Class
AuthorizeNet Namespace

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C# Visual Basic
Visual C++

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CustomerGateway...: GetCustomerIDs Method

CustomerGateway Class See Also Send Feedback

Returns all Customer IDs stored at Authorize.NET

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
### Syntax

**C#**

```csharp
public string[] GetCustomerIDs()
```

**Visual Basic**

```vbnet
Public Function GetCustomerIDs As String()
```

**Visual C++**

```cpp
public:
    virtual array<String^>^ GetCustomerIDs() sealed
```

### Return Value

### Implements

```csharp
ICustomerGateway..::.GetCustomerIDs()
```
See Also

CustomerGateway Class
AuthorizeNet Namespace

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CustomerGateway...:..GetShippingAddress Method

CustomerGateway Class See Also Send Feedback

Gets a shipping address for a customer.

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

C#

public Address GetShippingAddress(
    string profileID,
    string shippingAddressID
)

Visual Basic

Public Function GetShippingAddress (_
    profileID As String, _
    shippingAddressID As String _
) As Address

Visual C++

public:
virtual Address^ GetShippingAddress(
    String^ profileID,
    String^ shippingAddressID
)
) sealed

Parameters

profileID
Type: System..::.String
The profile ID.

shippingAddressID
Type: System..::.String
The shipping address ID.

Return Value

Implements
ICustomerGateway::GetShippingAddress(String, String)
See Also

CustomerGateway Class
AuthorizeNet Namespace

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CustomerGateway.....Refund Method

CustomerGateway Class See Also Send Feedback

Refunds a transaction for the specified amount

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

C#

```csharp
public IGatewayResponse Refund(
    string profileID,
    string paymentProfileId,
    string transactionId,
    string approvalCode,
    decimal amount
)
```

Visual Basic

```vbnet
Public Function Refund ( _
    profileID As String, _
    paymentProfileId As String, _
    transactionId As String, _
    approvalCode As String, _
    amount As Decimal _
) As IGatewayResponse
```

Visual C++

```cpp
public:
virtual IGatewayResponse^ Refund(
    String^ profileID,
    String^ paymentProfileId,
    String^ transactionId,
    String^ approvalCode,
    Decimal amount
)
```

Parameters

profileID
Type: System::String
The profile ID.

paymentProfileId
The payment profile id.

transactionId
  Type: System...String
  The transaction id.

approvalCode
  Type: System...String
  The approval code.

amount
  Type: System...Decimal
  The amount.

Return Value

Implements

ICustomerGateway...Refund(String, String, String, String, Decimal)
See Also

CustomerGateway Class
AuthorizeNet Namespace

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CustomerGateway...::UpdateCustomer Method

**CustomerGateway Class** See Also Send Feedback

Updates a customer's record.

**Namespace:** AuthorizeNet

**Assembly:** AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

C#

public bool UpdateCustomer(
  Customer customer
)

Visual Basic

Public Function UpdateCustomer ( _
  customer As Customer _
) As Boolean

Visual C++

public:
  virtual bool UpdateCustomer(  
    Customer^ customer
  ) sealed

Parameters

customer
  Type: AuthorizeNet::Customer
  The customer.

Return Value

Implements

ICustomerGateway::UpdateCustomer(Customer)
See Also

CustomerGateway Class
AuthorizeNet Namespace

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**CustomerGateway**...:**UpdatePaymentProfile Method**

**CustomerGateway Class**  
**See Also**  
**Send Feedback**

Updates a payment profile for a user.

**Namespace:**  **AuthorizeNet**  
**Assembly:**  **AuthorizeNet (in AuthorizeNet.dll)**  
**Version:**  **0.0.0.0**
### Syntax

**C#**

```csharp
public bool UpdatePaymentProfile(
    string profileID,
    PaymentProfile profile
)
```

**Visual Basic**

```vbnet
Public Function UpdatePaymentProfile ( _
    profileID As String, _
    profile As PaymentProfile _
) As Boolean
```

**Visual C++**

```cpp
public:
virtual bool UpdatePaymentProfile(
    String^ profileID,
    PaymentProfile^ profile
) sealed
```

### Parameters

**profileID**
- **Type:** System::String
- The profile ID.

**profile**
- **Type:** AuthorizeNet::PaymentProfile
- The profile.

### Return Value

### Implements
ICustomerGateway::UpdatePaymentProfile(String, PaymentProfile)
See Also

CustomerGateway Class
AuthorizeNet Namespace

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**UpdateShippingAddress Method**

Updates a shipping address for a user.

**Namespace:** AuthorizeNet

**Assembly:** AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

C#

```csharp
public bool UpdateShippingAddress(
    string profileID,
    Address address
)
```

Visual Basic

```vbnet
Public Function UpdateShippingAddress ( _
    profileID As String, _
    address As Address _
) As Boolean
```

Visual C++

```cpp
public:
    virtual bool UpdateShippingAddress(
        String^ profileID,
        Address^ address
    ) sealed
```

Parameters

profileID
- Type: `System::String`
- The profile ID.

address
- Type: `AuthorizeNet::Address`
- The address.

Return Value

Implements
ICustomerGateway::UpdateShippingAddress(String, Address)
See Also

CustomerGateway Class
AuthorizeNet Namespace

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ValidateProfile Method

CustomerGateway Class See Also Send Feedback
## Overload List

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>ValidateProfile(String, String)</td>
<td></td>
</tr>
<tr>
<td>ValidateProfile(String, String, ServiceMode)</td>
<td>This function validates the information on a profile - making sure what you have stored at AuthNET is valid. You can do this in two ways: in TestMode it will just run a validation to be sure all required fields are present and valid. If you specify &quot;live&quot; - a $0.01 charge will be applied to the profile</td>
</tr>
<tr>
<td>ValidateProfile(String, String, ServiceMode)</td>
<td></td>
</tr>
</tbody>
</table>
See Also

CustomerGateway Class
CustomerGateway Members
AuthorizeNet Namespace

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CustomerGateway...:..ValidateProfile Method (String, String)

CustomerGateway Class See Also Send Feedback

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

C#

```csharp
public string ValidateProfile(
    string profileID,
    string paymentProfileID
)
```

Visual Basic

```vbnet
Public Function ValidateProfile (_
    profileID As String, _
    paymentProfileID As String _
) As String
```

Visual C++

```cpp
public:
    virtual String^ ValidateProfile(
        String^ profileID, 
        String^ paymentProfileID
    ) sealed
```

Parameters

profileID
Type: System::String

paymentProfileID
Type: System::String

Implements

ICustomerGateway::ValidateProfile(String, String)
See Also

CustomerGateway Class
ValidateProfile Overload
AuthorizeNet Namespace

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CustomerGateway...ValidateProfile Method (String, String, ServiceMode)

CustomerGateway Class See Also Send Feedback

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
### Syntax

**C#**

```csharp
public string ValidateProfile(
    string profileID,
    string paymentProfileID,
    ServiceMode mode
)
```

**Visual Basic**

```vbnet
Public Function ValidateProfile (_,
    profileID As String, _,
    paymentProfileID As String, _,
    mode As ServiceMode _)
    As String
)
```

**Visual C++**

```cpp
public:
    virtual String^ ValidateProfile(
        String^ profileID,
        String^ paymentProfileID,
        ServiceMode mode
    ) sealed
```

### Parameters

- **profileID**
  Type: `System::String`

- **paymentProfileID**
  Type: `System::String`

- **mode**
  Type: `AuthorizeNet::ServiceMode`

### Implements
ICustomerGateway::ValidateProfile(String, String, ServiceMode)
See Also

CustomerGateway Class
ValidateProfile Overload
AuthorizeNet Namespace

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**CustomerGateway**... ValidateProfile Method (String, String, String, ServiceMode)

This function validates the information on a profile - making sure what you have stored at AuthNET is valid. You can do this in two ways: in TestMode it will just run a validation to be sure all required fields are present and valid. If you specify "live" - a $0.01 charge will be applied to the profile

**Namespace:** AuthorizeNet

**Assembly:** AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
# Syntax

**C#**

```csharp
public string ValidateProfile(
    string profileID,
    string paymentProfileID,
    string shippingAddressID,
    ServiceMode mode
)
```

**Visual Basic**

```vbnet
Public Function ValidateProfile ( _
    profileID As String, _
    paymentProfileID As String, _
    shippingAddressID As String, _
    mode As ServiceMode _
) As String
```

**Visual C++**

```cpp
public:
virtual String^ ValidateProfile( 
    String^ profileID, 
    String^ paymentProfileID, 
    String^ shippingAddressID, 
    ServiceMode mode 
)
```

### Parameters

- **profileID**
  - Type: `System::String`
  - The profile ID.

- **paymentProfileID**
  - Type: `System::String`
  - The payment profile ID.
shippingAddressID
   Type: System..::..String
   The shipping address ID.

mode
   Type: AuthorizeNet..::..ServiceMode
   The mode.

Return Value

Implements

ICustomerGateway..::..ValidateProfile(String, String, String, ServiceMode)
See Also

CustomerGateway Class
ValidateProfile Overload
AuthorizeNet Namespace

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**CustomerGateway...Void Method**

**CustomerGateway Class**  See Also  **Send Feedback**

Voids a previously authorized transaction

**Namespace:**  [AuthorizeNet](#)

**Assembly:**  AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

C#

public IGatewayResponse Void(
    string profileID,
    string paymentProfileId,
    string transactionId,
    string approvalCode
)

Visual Basic

Public Function Void ( _
    profileID As String, _
    paymentProfileId As String, _
    transactionId As String, _
    approvalCode As String _
) As IGatewayResponse

Visual C++

public:
    virtual IGatewayResponse^ Void(
        String^ profileID,
        String^ paymentProfileId,
        String^ transactionId,
        String^ approvalCode
    ) sealed

Parameters

profileID
    Type: System::String
    The profile ID.

paymentProfileId
    Type: System::String
    The payment profile id.
transactionId
   Type: System.String
   The transaction id.

approvalCode
   Type: System.String
   The approval code.

Return Value

Implements

ICustomerGateway(Void(String, String, String, String))
See Also

CustomerGateway Class
AuthorizeNet Namespace

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DeviceType Enumeration

**Namespace:** AuthorizeNet

**Assembly:** AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

C#

public enum DeviceType

Visual Basic

Public Enumeration DeviceType

Visual C++

public enum class DeviceType
<table>
<thead>
<tr>
<th>Member name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Unknown</td>
<td>UnattendedTerminal</td>
</tr>
<tr>
<td></td>
<td>SelfServiceTerminal</td>
</tr>
<tr>
<td></td>
<td>ElectronicCashRegister</td>
</tr>
<tr>
<td></td>
<td>PersonalComputerBasedTerminal</td>
</tr>
<tr>
<td></td>
<td>AirPay</td>
</tr>
<tr>
<td></td>
<td>WirelessPOS</td>
</tr>
<tr>
<td></td>
<td>Website</td>
</tr>
<tr>
<td></td>
<td>DialTerminal</td>
</tr>
<tr>
<td></td>
<td>VirtualTerminal</td>
</tr>
</tbody>
</table>
See Also

AuthorizeNet Namespace

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EcheckRequest Class

Namespace:AuthorizeNet
Assembly:AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

**C#**

```
public class EcheckRequest : GatewayRequest
```

**Visual Basic**

```
Public Class EcheckRequest
    Inherits GatewayRequest
```

**Visual C++**

```
public ref class EcheckRequest : public GatewayRequest
```
Inheritance Hierarchy

System..::::..Object
AuthorizeNet..::::..GatewayRequest
AuthorizeNet..::::..EcheckRequest
See Also

EcheckRequest Members
AuthorizeNet Namespace

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EcheckRequest Members

The **EcheckRequest** type exposes the following members.
## Constructors

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>EcheckRequest(Decimal, String, String, BankAccountType, String, String)</td>
<td>Creates an ECheck transaction request for use with the AIM gateway</td>
</tr>
<tr>
<td>EcheckRequest(EcheckType, Decimal, String, String, BankAccountType, String, String)</td>
<td>Creates an ECheck transaction (defaulted to WEB) request for use with the AIM gateway</td>
</tr>
</tbody>
</table>
### Methods

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>AddCardCode</td>
<td>The 3-digit Credit Card Code (CCV) on the back of the card</td>
</tr>
<tr>
<td></td>
<td>(Inherited from <a href="#">GatewayRequest</a>.)</td>
</tr>
<tr>
<td>AddCustomer</td>
<td>Adds a Customer record to the current request</td>
</tr>
<tr>
<td></td>
<td>(Inherited from <a href="#">GatewayRequest</a>.)</td>
</tr>
<tr>
<td>AddDuty(Decimal)</td>
<td>Adds a tax value to the request</td>
</tr>
<tr>
<td></td>
<td>(Inherited from <a href="#">GatewayRequest</a>.)</td>
</tr>
<tr>
<td>AddDuty(Decimal, String, String)</td>
<td>Adds a detailed tax value to the request</td>
</tr>
<tr>
<td></td>
<td>(Inherited from <a href="#">GatewayRequest</a>.)</td>
</tr>
<tr>
<td>AddFraudCheck()</td>
<td>This method will pull the user's IP address for use with FDS. Only valid for Web-based transactions.</td>
</tr>
<tr>
<td></td>
<td>(Inherited from <a href="#">GatewayRequest</a>.)</td>
</tr>
<tr>
<td>AddFraudCheck(String)</td>
<td>This method adds the required values for Fraud Detection Suite. Your merchant must sign up for this service with Authorize.Net</td>
</tr>
<tr>
<td></td>
<td>(Inherited from <a href="#">GatewayRequest</a>.)</td>
</tr>
<tr>
<td>AddFreight(Decimal)</td>
<td>Adds a tax value to the request</td>
</tr>
<tr>
<td></td>
<td>(Inherited from <a href="#">GatewayRequest</a>.)</td>
</tr>
<tr>
<td>AddFreight(Decimal, String, String)</td>
<td>Adds a detailed tax value to the request</td>
</tr>
<tr>
<td></td>
<td>(Inherited from <a href="#">GatewayRequest</a>.)</td>
</tr>
<tr>
<td>AddInvoice</td>
<td>Adds an InvoiceNumber to the request</td>
</tr>
<tr>
<td></td>
<td>(Inherited from <a href="#">GatewayRequest</a>.)</td>
</tr>
<tr>
<td>AddLineItem</td>
<td>Adds a line item to the current order</td>
</tr>
<tr>
<td></td>
<td>(Inherited from <a href="#">GatewayRequest</a>.)</td>
</tr>
<tr>
<td>AddMerchantValue</td>
<td>This is where you can add custom values to the request, which will be returned to you in the response</td>
</tr>
<tr>
<td></td>
<td>(Inherited from <a href="#">GatewayRequest</a>.)</td>
</tr>
<tr>
<td>AddShipping</td>
<td>Adds a Shipping Record to the current request</td>
</tr>
<tr>
<td></td>
<td>(Inherited from <a href="#">GatewayRequest</a>.)</td>
</tr>
<tr>
<td>Method</td>
<td>Description</td>
</tr>
<tr>
<td>--------</td>
<td>-------------</td>
</tr>
<tr>
<td>AddTax(Decimal)</td>
<td>Adds a tax value to the request</td>
</tr>
<tr>
<td>AddTax(Decimal, String, String)</td>
<td>Adds a detailed tax value to the request</td>
</tr>
<tr>
<td>AsRecurring</td>
<td>Sets the eCheck request as a recurring payment</td>
</tr>
<tr>
<td>Equals</td>
<td>Determines whether the specified Object is equal to the current Object</td>
</tr>
<tr>
<td>Get</td>
<td>Gets the specified key from the request.</td>
</tr>
<tr>
<td>GetHashCode</td>
<td>Serves as a hash function for a particular type.</td>
</tr>
<tr>
<td>GetType</td>
<td>Gets the Type of the current instance.</td>
</tr>
<tr>
<td>Queue</td>
<td>Queues the specified key into the request.</td>
</tr>
<tr>
<td>ToPostString</td>
<td>Outputs the queue as a delimited, URL-safe string for sending to Authorize.net as a form POST</td>
</tr>
<tr>
<td>ToString</td>
<td>Returns a String that represents the current Object.</td>
</tr>
</tbody>
</table>
### Properties

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Address</td>
<td>Gets or sets the address. (Inherited from <a href="#">GatewayRequest</a>.)</td>
</tr>
<tr>
<td>AllowPartialAuth</td>
<td>Gets or sets the allow partial auth. (Inherited from <a href="#">GatewayRequest</a>.)</td>
</tr>
<tr>
<td>Amount</td>
<td>Gets or sets the amount. (Inherited from <a href="#">GatewayRequest</a>.)</td>
</tr>
<tr>
<td>ApiAction</td>
<td>(Inherited from <a href="#">GatewayRequest</a>.)</td>
</tr>
<tr>
<td>AuthCode</td>
<td>Gets or sets the auth code. (Inherited from <a href="#">GatewayRequest</a>.)</td>
</tr>
<tr>
<td>AuthenticationIndicator</td>
<td>Gets or sets the authentication indicator. (Inherited from <a href="#">GatewayRequest</a>.)</td>
</tr>
<tr>
<td>BankABACode</td>
<td>Gets or sets the bank ABA code. (Inherited from <a href="#">GatewayRequest</a>.)</td>
</tr>
<tr>
<td>BankAccountName</td>
<td>Gets or sets the name of the bank account. (Inherited from <a href="#">GatewayRequest</a>.)</td>
</tr>
<tr>
<td>BankAccountNumber</td>
<td>Gets or sets the bank account number. (Inherited from <a href="#">GatewayRequest</a>.)</td>
</tr>
<tr>
<td>BankAccountType</td>
<td>Gets or sets the type of the bank account. (Inherited from <a href="#">GatewayRequest</a>.)</td>
</tr>
<tr>
<td>BankCheckNumber</td>
<td>Gets or sets the bank check number. (Inherited from <a href="#">GatewayRequest</a>.)</td>
</tr>
<tr>
<td>BankName</td>
<td>Gets or sets the name of the bank. (Inherited from <a href="#">GatewayRequest</a>.)</td>
</tr>
<tr>
<td>CardCode</td>
<td>Gets or sets the credit card code. (Inherited from <a href="#">GatewayRequest</a>.)</td>
</tr>
<tr>
<td>CardholderAuthenticationValue</td>
<td>Gets or sets the cardholder authentication value. (Inherited from <a href="#">GatewayRequest</a>.)</td>
</tr>
<tr>
<td>Property</td>
<td>Description</td>
</tr>
<tr>
<td>---------------</td>
<td>------------------------------------------</td>
</tr>
<tr>
<td>CardNum</td>
<td>Gets or sets the credit card number.</td>
</tr>
<tr>
<td>City</td>
<td>Gets or sets the city.</td>
</tr>
<tr>
<td>Company</td>
<td>Gets or sets the company.</td>
</tr>
<tr>
<td>Country</td>
<td>Gets or sets the country.</td>
</tr>
<tr>
<td>CustId</td>
<td>Gets or sets the cust id.</td>
</tr>
<tr>
<td>CustomerIp</td>
<td>Gets or sets the customer ip.</td>
</tr>
<tr>
<td>DelimChar</td>
<td>Gets or sets the delim char.</td>
</tr>
<tr>
<td>DelimData</td>
<td>Gets or sets the delim data.</td>
</tr>
<tr>
<td>Description</td>
<td>Gets or sets the description.</td>
</tr>
<tr>
<td>DuplicateWindow</td>
<td>Gets or sets the duplicate window - the am.</td>
</tr>
<tr>
<td>Duty</td>
<td>Gets or sets the duty.</td>
</tr>
<tr>
<td>EcheckType</td>
<td>Gets or sets the type of the echeck.</td>
</tr>
<tr>
<td>Email</td>
<td>Gets or sets the email.</td>
</tr>
<tr>
<td>EmailCustomer</td>
<td>Gets or sets the email customer.</td>
</tr>
<tr>
<td>EncapChar</td>
<td>Gets or sets the encap char.</td>
</tr>
<tr>
<td>ExpDate</td>
<td>Gets or sets the exp date.</td>
</tr>
<tr>
<td>Fax</td>
<td>Gets or sets the fax.</td>
</tr>
<tr>
<td>First Name</td>
<td>Gets or sets the first name.</td>
</tr>
<tr>
<td>Property</td>
<td>Description</td>
</tr>
<tr>
<td>-----------------------------</td>
<td>-------------------------------------------------------------------------------</td>
</tr>
<tr>
<td>FirstName</td>
<td>Gets or sets the first name of the ship</td>
</tr>
<tr>
<td>FooterEmailReceipt</td>
<td>Gets or sets the footer email receipt.</td>
</tr>
<tr>
<td>Freight</td>
<td>Gets or sets the freight.</td>
</tr>
<tr>
<td>HeaderEmailReceipt</td>
<td>Gets or sets the header email receipt.</td>
</tr>
<tr>
<td>InvoiceNum</td>
<td>Gets or sets the invoice num.</td>
</tr>
<tr>
<td>LastName</td>
<td>Gets or sets the last name.</td>
</tr>
<tr>
<td>LineItem</td>
<td>Gets or sets the line item.</td>
</tr>
<tr>
<td>Login</td>
<td>Gets or sets the login.</td>
</tr>
<tr>
<td>Method</td>
<td>Gets or sets the method.</td>
</tr>
<tr>
<td>Phone</td>
<td>Gets or sets the phone.</td>
</tr>
<tr>
<td>PoNum</td>
<td>Gets or sets the po number.</td>
</tr>
<tr>
<td>Post</td>
<td></td>
</tr>
<tr>
<td>RecurringBilling</td>
<td>Gets or sets the recurring billing.</td>
</tr>
<tr>
<td>RelayResponse</td>
<td>Gets or sets the relay response.</td>
</tr>
<tr>
<td>ShipToAddress</td>
<td>Gets or sets the ship to address.</td>
</tr>
<tr>
<td>ShipToCity</td>
<td>Gets or sets the ship to city.</td>
</tr>
<tr>
<td>ShipToCompany</td>
<td>Gets or sets the ship to company.</td>
</tr>
<tr>
<td>ShipToCountry</td>
<td>Gets or sets the ship to country.</td>
</tr>
<tr>
<td>Property</td>
<td>Description</td>
</tr>
<tr>
<td>-------------------</td>
<td>------------------------------------------------------------------------------</td>
</tr>
<tr>
<td>ShipToFirstName</td>
<td>Gets or sets the last name of the ship to.</td>
</tr>
<tr>
<td>ShipToLastName</td>
<td></td>
</tr>
<tr>
<td>ShipToState</td>
<td>Gets or sets the state of the ship to. (Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>ShipToZip</td>
<td>Gets or sets the ship to zip. (Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>SplitTenderId</td>
<td>Gets or sets the split tender id. (Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>State</td>
<td>Gets or sets the state. (Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>Tax</td>
<td>Gets or sets the tax. (Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>TaxExempt</td>
<td>Gets or sets the tax exempt. (Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>TestRequest</td>
<td>Gets or sets the test request. (Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>TranKey</td>
<td>Gets or sets the tran key. (Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>TransId</td>
<td>Gets or sets the trans id. (Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>Type</td>
<td>Gets or sets the type. (Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>Version</td>
<td>Gets or sets the version. (Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>Zip</td>
<td>Gets or sets the zip. (Inherited from GatewayRequest.)</td>
</tr>
</tbody>
</table>
See Also

EcheckRequest Class
AuthorizeNet Namespace

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EcheckRequest Constructor

EcheckRequest Class See Also Send Feedback
## Overload List

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>EcheckRequest(Decimal, String, String, BankAccountType, String, String)</td>
<td>Creates an ECheck transaction (defaulted to WEB) request for use with the AIM gateway</td>
</tr>
<tr>
<td>EcheckRequest(EcheckType, Decimal, String, String, BankAccountType, String, String)</td>
<td>Creates an ECheck transaction request for use with the AIM gateway</td>
</tr>
</tbody>
</table>
See Also

EcheckRequest Class
EcheckRequest Members
AuthorizeNet Namespace

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EcheckRequest Constructor (Decimal, String, String, BankAccountType, String, String, String)

EcheckRequest Class See Also Send Feedback

Creates an ECheck transaction (defaulted to WEB) request for use with the AIM gateway

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

C#

public EcheckRequest(
    decimal amount,
    string bankABACode,
    string bankAccountNumber,
    BankAccountType acctType,
    string bankName,
    string acctName,
    string bankCheckNumber
)

Visual Basic

Public Sub New (_
    amount As Decimal, _
    bankABACode As String, _
    bankAccountNumber As String, _
    acctType As BankAccountType, _
    bankName As String, _
    acctName As String, _
    bankCheckNumber As String _
)

Visual C++

public:
EcheckRequest(
    Decimal amount,
    String^ bankABACode,
    String^ bankAccountNumber,
    BankAccountType acctType,
    String^ bankName,
    String^ acctName,
    String^ bankCheckNumber
)

Parameters

amount
Type: System.Decimal

bankABACode
Type: System.String
The valid routing number of the customer’s bank

bankAccountNumber
Type: System.String
The customer’s valid bank account number

acctType
Type: AuthorizeNet.BankAccountType
CHECKING, BUSINESSCHECKING, SAVINGS

bankName
Type: System.String
The name of the bank that holds the customer’s account

acctName
Type: System.String
The name associated with the bank account

bankCheckNumber
Type: System.String
The check number on the customer’s paper check
See Also

EcheckRequest Class
EcheckRequest Overload
AuthorizeNet Namespace

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EcheckRequest Constructor (EcheckType, Decimal, String, String, BankAccountType, String, String, String)

Creates an ECheck transaction request for use with the AIM gateway

**Namespace:** AuthorizeNet

**Assembly:** AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

C#

```csharp
public EcheckRequest(
    EcheckType type,
    decimal amount,
    string bankABACode,
    string bankAccountNumber,
    BankAccountType acctType,
    string bankName,
    string acctName,
    string bankCheckNumber
)
```

Visual Basic

```vbnet
Public Sub New ( _
    type As EcheckType, _
    amount As Decimal, _
    bankABACode As String, _
    bankAccountNumber As String, _
    acctType As BankAccountType, _
    bankName As String, _
    acctName As String, _
    bankCheckNumber As String _
)
```

Visual C++

```cpp
public:
    EcheckRequest(
        EcheckType type,
        Decimal amount,
        String^ bankABACode,
        String^ bankAccountNumber,
        BankAccountType acctType,
        String^ bankName,
        String^ acctName,
        String^ bankCheckNumber
    )
```
Parameters

type
  Type: AuthorizeNet::EcheckType
  The Echeck Transaction type: ARC, BOC, CCD, PPD, TEL, WEB

amount
  Type: System::Decimal

bankABACode
  Type: System::String
  The valid routing number of the customer’s bank

bankAccountNumber
  Type: System::String
  The customer’s valid bank account number

acctType
  Type: AuthorizeNet::BankAccountType
  CHECKING, BUSINESSCHECKING, SAVINGS

bankName
  Type: System::String
  The name of the bank that holds the customer’s account

acctName
  Type: System::String
  The name associated with the bank account

bankCheckNumber
  Type: System::String
  The check number on the customer’s paper check
See Also

EcheckRequest Class
EcheckRequest Overload
AuthorizeNet Namespace

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EcheckRequest Methods

EcheckRequest Class  See Also  Send Feedback

The EcheckRequest type exposes the following members.
## Methods

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>AddCardCode</td>
<td>The 3-digit Credit Card Code (CCV) on the back of the card (Inherited from <a href="#">GatewayRequest</a>.)</td>
</tr>
<tr>
<td>AddCustomer</td>
<td>Adds a Customer record to the current request (Inherited from <a href="#">GatewayRequest</a>.)</td>
</tr>
<tr>
<td>AddDuty(Decimal)</td>
<td>Adds a tax value to the request (Inherited from <a href="#">GatewayRequest</a>.)</td>
</tr>
<tr>
<td>AddDuty(Decimal, String, String)</td>
<td>Adds a detailed tax value to the request (Inherited from <a href="#">GatewayRequest</a>.)</td>
</tr>
<tr>
<td>AddFraudCheck()</td>
<td>This method will pull the user's IP address for use with FDS. Only valid for Web-based transactions. (Inherited from <a href="#">GatewayRequest</a>.)</td>
</tr>
<tr>
<td>AddFraudCheck(String)</td>
<td>This method adds the required values for Fraud Detection Suite. Your merchant must sign up for this service with Authorize.Net (Inherited from <a href="#">GatewayRequest</a>.)</td>
</tr>
<tr>
<td>AddFreight(Decimal)</td>
<td>Adds a tax value to the request (Inherited from <a href="#">GatewayRequest</a>.)</td>
</tr>
<tr>
<td>AddFreight(Decimal, String, String)</td>
<td>Adds a detailed tax value to the request (Inherited from <a href="#">GatewayRequest</a>.)</td>
</tr>
<tr>
<td>AddInvoice</td>
<td>Adds an InvoiceNumber to the request (Inherited from <a href="#">GatewayRequest</a>.)</td>
</tr>
<tr>
<td>AddLineItem</td>
<td>Adds a line item to the current order (Inherited from <a href="#">GatewayRequest</a>.)</td>
</tr>
<tr>
<td>AddMerchantValue</td>
<td>This is where you can add custom values to the request, which will be returned to you in the response (Inherited from <a href="#">GatewayRequest</a>.)</td>
</tr>
<tr>
<td>AddShipping</td>
<td>Adds a Shipping Record to the current request (Inherited from <a href="#">GatewayRequest</a>.)</td>
</tr>
<tr>
<td>Method</td>
<td>Description</td>
</tr>
<tr>
<td>--------</td>
<td>-------------</td>
</tr>
<tr>
<td>AddTax(Decimal)</td>
<td>Adds a tax value to the request (Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>AddTax(Decimal, String, String)</td>
<td>Adds a detailed tax value to the request (Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>AsRecurring</td>
<td>Sets the eCheck request as a recurring payment</td>
</tr>
<tr>
<td>Equals</td>
<td>Determines whether the specified Object is equal to the current Object. (Inherited from Object.)</td>
</tr>
<tr>
<td>Get</td>
<td>Gets the specified key from the request. (Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>GetHashCode</td>
<td>Serves as a hash function for a particular type. (Inherited from Object.)</td>
</tr>
<tr>
<td>GetType</td>
<td>Gets the Type of the current instance. (Inherited from Object.)</td>
</tr>
<tr>
<td>Queue</td>
<td>Queues the specified key into the request. (Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>ToPostString</td>
<td>Outputs the queue as a delimited, URL-safe string for sending to Authorize.net as a form POST (Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>ToString</td>
<td>Returns a String that represents the current Object. (Inherited from Object.)</td>
</tr>
</tbody>
</table>
See Also

EcheckRequest Class
AuthorizeNet Namespace

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C#  Visual Basic
Visual C++
Include Protected Members
Include Inherited Members

A .NET Library aimed at helping you get up to speed quickly with Authorize.NET
EcheckRequest:::..AddDuty Method

EcheckRequest Class  See Also  Send Feedback
<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>AddDuty(Decimal)</td>
<td>Adds a tax value to the request (Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>AddDuty(Decimal, String, String)</td>
<td>Adds a detailed tax value to the request (Inherited from GatewayRequest.)</td>
</tr>
</tbody>
</table>
See Also

EcheckRequest Class
EcheckRequest Members
AuthorizeNet Namespace

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EcheckRequest...AddFraudCheck Method

EcheckRequest Class See Also Send Feedback
<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>AddFraudCheck()</td>
<td>This method will pull the user's IP address for use with FDS. Only valid for Web-based transactions. (Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>AddFraudCheck(String)</td>
<td>This method adds the required values for Fraud Detection Suite. Your merchant must sign up for this service with Authorize.Net (Inherited from GatewayRequest.)</td>
</tr>
</tbody>
</table>
See Also

EcheckRequest Class
EcheckRequest Members
AuthorizeNet Namespace

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EcheckRequest....AddFreight Method

EcheckRequest Class See Also Send Feedback
## Overload List

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>AddFreight(Decimal)</td>
<td>Adds a tax value to the request (Inherited from <a href="#">GatewayRequest</a>.)</td>
</tr>
<tr>
<td>AddFreight(Decimal, String, String)</td>
<td>Adds a detailed tax value to the request (Inherited from <a href="#">GatewayRequest</a>.)</td>
</tr>
</tbody>
</table>
See Also

EcheckRequest Class
EcheckRequest Members
AuthorizeNet Namespace

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EcheckRequest...:..AddTax Method

EcheckRequest Class See Also Send Feedback
## Overload List

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>AddTax(Decimal)</td>
<td>Adds a tax value to the request (Inherited from <a href="#">GatewayRequest</a>.)</td>
</tr>
<tr>
<td>AddTax(Decimal, String, String)</td>
<td>Adds a detailed tax value to the request (Inherited from <a href="#">GatewayRequest</a>.)</td>
</tr>
</tbody>
</table>
See Also

EcheckRequest Class
EcheckRequest Members
AuthorizeNet Namespace

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EcheckRequest::AsRecurring Method

Sets the eCheck request as a recurring payment

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

C#

public EcheckRequest AsRecurring()

Visual Basic

Public Function AsRecurring As EcheckRequest

Visual C++

public:
EcheckRequest^ AsRecurring()

Return Value
See Also

EcheckRequest Class
AuthorizeNet Namespace

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EcheckRequest Properties

See Also Send Feedback

The EcheckRequest type exposes the following members.
### Properties

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
<th>Inherited From</th>
</tr>
</thead>
<tbody>
<tr>
<td>Address</td>
<td>Gets or sets the address.</td>
<td>GatewayRequest</td>
</tr>
<tr>
<td>AllowPartialAuth</td>
<td>Gets or sets the allow partial auth.</td>
<td>GatewayRequest</td>
</tr>
<tr>
<td>Amount</td>
<td>Gets or sets the amount.</td>
<td>GatewayRequest</td>
</tr>
<tr>
<td>ApiAction</td>
<td></td>
<td>GatewayRequest</td>
</tr>
<tr>
<td>AuthCode</td>
<td>Gets or sets the auth code.</td>
<td>GatewayRequest</td>
</tr>
<tr>
<td>AuthenticationIndicator</td>
<td>Gets or sets the authentication indicator.</td>
<td>GatewayRequest</td>
</tr>
<tr>
<td>BankABACode</td>
<td>Gets or sets the bank ABA code.</td>
<td>GatewayRequest</td>
</tr>
<tr>
<td>BankAccountName</td>
<td>Gets or sets the name of the bank account.</td>
<td>GatewayRequest</td>
</tr>
<tr>
<td>BankAccountNumber</td>
<td>Gets or sets the bank account number.</td>
<td>GatewayRequest</td>
</tr>
<tr>
<td>BankAccountType</td>
<td>Gets or sets the type of the bank account.</td>
<td>GatewayRequest</td>
</tr>
<tr>
<td>BankCheckNumber</td>
<td>Gets or sets the bank check number.</td>
<td>GatewayRequest</td>
</tr>
<tr>
<td>BankName</td>
<td>Gets or sets the name of the bank.</td>
<td>GatewayRequest</td>
</tr>
<tr>
<td>CardCode</td>
<td>Gets or sets the credit card code.</td>
<td>GatewayRequest</td>
</tr>
<tr>
<td>CardholderAuthenticationValue</td>
<td>Gets or sets the cardholder authentication value.</td>
<td>GatewayRequest</td>
</tr>
<tr>
<td>Property</td>
<td>Description</td>
<td>Inherited From</td>
</tr>
<tr>
<td>--------------</td>
<td>-----------------------------------------------------------------------------</td>
<td>----------------------------</td>
</tr>
<tr>
<td>CardNum</td>
<td>Gets or sets the credit card number.</td>
<td>GatewayRequest</td>
</tr>
<tr>
<td>City</td>
<td>Gets or sets the city.</td>
<td>GatewayRequest</td>
</tr>
<tr>
<td>Company</td>
<td>Gets or sets the company.</td>
<td>GatewayRequest</td>
</tr>
<tr>
<td>Country</td>
<td>Gets or sets the country.</td>
<td>GatewayRequest</td>
</tr>
<tr>
<td>CustId</td>
<td>Gets or sets the cust id.</td>
<td>GatewayRequest</td>
</tr>
<tr>
<td>CustomerIp</td>
<td>Gets or sets the customer ip.</td>
<td>GatewayRequest</td>
</tr>
<tr>
<td>DelimChar</td>
<td>Gets or sets the delim char.</td>
<td>GatewayRequest</td>
</tr>
<tr>
<td>DelimData</td>
<td>Gets or sets the delim data.</td>
<td>GatewayRequest</td>
</tr>
<tr>
<td>Description</td>
<td>Gets or sets the description.</td>
<td>GatewayRequest</td>
</tr>
<tr>
<td>DuplicateWindow</td>
<td>Gets or sets the duplicate window - the am.</td>
<td>GatewayRequest</td>
</tr>
<tr>
<td>Duty</td>
<td>Gets or sets the duty.</td>
<td>GatewayRequest</td>
</tr>
<tr>
<td>EcheckType</td>
<td>Gets or sets the type of the echeck.</td>
<td>GatewayRequest</td>
</tr>
<tr>
<td>Email</td>
<td>Gets or sets the email.</td>
<td>GatewayRequest</td>
</tr>
<tr>
<td>EmailCustomer</td>
<td>Gets or sets the email customer.</td>
<td>GatewayRequest</td>
</tr>
<tr>
<td>EncapChar</td>
<td>Gets or sets the encap char.</td>
<td>GatewayRequest</td>
</tr>
<tr>
<td>ExpDate</td>
<td>Gets or sets the exp date.</td>
<td>GatewayRequest</td>
</tr>
<tr>
<td>Fax</td>
<td>Gets or sets the fax.</td>
<td>GatewayRequest</td>
</tr>
<tr>
<td>Property</td>
<td>Description</td>
<td>Inherited From</td>
</tr>
<tr>
<td>------------------------</td>
<td>-----------------------------------------------------------------------------</td>
<td>----------------</td>
</tr>
<tr>
<td><strong>FirstName</strong></td>
<td>Gets or sets the first name of the ship</td>
<td>GatewayRequest</td>
</tr>
<tr>
<td><strong>FooterEmailReceipt</strong></td>
<td>Gets or sets the footer email receipt.</td>
<td>GatewayRequest</td>
</tr>
<tr>
<td><strong>Freight</strong></td>
<td>Gets or sets the freight.</td>
<td>GatewayRequest</td>
</tr>
<tr>
<td><strong>HeaderEmailReceipt</strong></td>
<td>Gets or sets the header email receipt.</td>
<td>GatewayRequest</td>
</tr>
<tr>
<td><strong>InvoiceNum</strong></td>
<td>Gets or sets the invoice num.</td>
<td>GatewayRequest</td>
</tr>
<tr>
<td><strong>LastName</strong></td>
<td>Gets or sets the last name.</td>
<td>GatewayRequest</td>
</tr>
<tr>
<td><strong>LineItem</strong></td>
<td>Gets or sets the line item.</td>
<td>GatewayRequest</td>
</tr>
<tr>
<td><strong>Login</strong></td>
<td>Gets or sets the login.</td>
<td>GatewayRequest</td>
</tr>
<tr>
<td><strong>Method</strong></td>
<td>Gets or sets the method.</td>
<td>GatewayRequest</td>
</tr>
<tr>
<td><strong>Phone</strong></td>
<td>Gets or sets the phone.</td>
<td>GatewayRequest</td>
</tr>
<tr>
<td><strong>PoNum</strong></td>
<td>Gets or sets the po number.</td>
<td>GatewayRequest</td>
</tr>
<tr>
<td><strong>Post</strong></td>
<td>(Inherited from <strong>GatewayRequest</strong>.)</td>
<td>GatewayRequest</td>
</tr>
<tr>
<td><strong>RecurringBilling</strong></td>
<td>Gets or sets the recurring billing.</td>
<td>GatewayRequest</td>
</tr>
<tr>
<td><strong>RelayResponse</strong></td>
<td>Gets or sets the relay response.</td>
<td>GatewayRequest</td>
</tr>
<tr>
<td><strong>ShipToAddress</strong></td>
<td>Gets or sets the ship to address.</td>
<td>GatewayRequest</td>
</tr>
<tr>
<td><strong>ShipToCity</strong></td>
<td>Gets or sets the ship to city.</td>
<td>GatewayRequest</td>
</tr>
<tr>
<td><strong>ShipToCompany</strong></td>
<td>Gets or sets the ship to company.</td>
<td>GatewayRequest</td>
</tr>
<tr>
<td><strong>ShipToCountry</strong></td>
<td>Gets or sets the ship to country.</td>
<td>GatewayRequest</td>
</tr>
<tr>
<td>Property</td>
<td>Description</td>
<td>Inheritance</td>
</tr>
<tr>
<td>-------------------</td>
<td>-----------------------------------------------------------------------------</td>
<td>----------------------</td>
</tr>
<tr>
<td>ShipToFirstName</td>
<td>Gets or sets the last name of the ship to.</td>
<td>(Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>ShipToLastName</td>
<td>Get or sets the last name of the ship to.</td>
<td>(Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>ShipToState</td>
<td>Gets or sets the state of the ship to.</td>
<td>(Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>ShipToZip</td>
<td>Gets or sets the ship to zip.</td>
<td>(Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>SplitTenderId</td>
<td>Gets or sets the split tender id.</td>
<td>(Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>State</td>
<td>Gets or sets the state.</td>
<td>(Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>Tax</td>
<td>Gets or sets the tax.</td>
<td>(Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>TaxExempt</td>
<td>Gets or sets the tax exempt.</td>
<td>(Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>TestRequest</td>
<td>Gets or sets the test request.</td>
<td>(Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>TranKey</td>
<td>Gets or sets the tran key.</td>
<td>(Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>TransId</td>
<td>Gets or sets the trans id.</td>
<td>(Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>Type</td>
<td>Gets or sets the type.</td>
<td>(Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>Version</td>
<td>Gets or sets the version.</td>
<td>(Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>Zip</td>
<td>Gets or sets the zip.</td>
<td>(Inherited from GatewayRequest.)</td>
</tr>
</tbody>
</table>
See Also

EcheckRequest Class
AuthorizeNet Namespace

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EcheckType Enumeration

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0

The type of eCheck transaction
Syntax

C#

public enum EcheckType

Visual Basic

Public Enumeration EcheckType

Visual C++

public enum class EcheckType
## Members

<table>
<thead>
<tr>
<th>Member name Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>ARC</td>
</tr>
<tr>
<td>BOC</td>
</tr>
<tr>
<td>CCD</td>
</tr>
<tr>
<td>PPD</td>
</tr>
<tr>
<td>TEL</td>
</tr>
<tr>
<td>WEB</td>
</tr>
</tbody>
</table>
See Also

AuthorizeNet Namespace

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Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

C#

public class Gateway : IGateway

Visual Basic

Public Class Gateway
    Implements IGateway

Visual C++

public ref class Gateway : IGateway
Inheritance Hierarchy

System...Object
AuthorizeNet...Gateway
AuthorizeNet...CardPresentGateway
See Also

Gateway Members
AuthorizeNet Namespace

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Gateway Members

Gateway Class Constructors Methods Fields Properties See Also Send Feedback

The Gateway type exposes the following members.
<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Gateway(String, String)</td>
<td></td>
</tr>
<tr>
<td>Gateway(String, String, Boolean)</td>
<td></td>
</tr>
</tbody>
</table>
# Methods

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>DecideResponse</td>
<td>Decides the response. Determines whether the specified <code>Object</code> is equal to the current <code>Object</code>. (Inherited from <code>Object</code>.)</td>
</tr>
<tr>
<td>Equals</td>
<td>Serves as a hash function for a particular type. (Inherited from <code>Object</code>.)</td>
</tr>
<tr>
<td>GetHashCode</td>
<td>Gets the <code>Type</code> of the current instance. (Inherited from <code>Object</code>.)</td>
</tr>
<tr>
<td>GetType</td>
<td></td>
</tr>
<tr>
<td>Send(IGatewayRequest)</td>
<td>Returns a <code>String</code> that represents the current <code>Object</code>. (Inherited from <code>Object</code>.)</td>
</tr>
<tr>
<td>Send(IGatewayRequest, String)</td>
<td></td>
</tr>
<tr>
<td>Name</td>
<td>Description</td>
</tr>
<tr>
<td>----------</td>
<td>-------------</td>
</tr>
<tr>
<td>LIVE_URL</td>
<td></td>
</tr>
<tr>
<td>TEST_URL</td>
<td></td>
</tr>
</tbody>
</table>
## Properties

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>ApiLogin</td>
<td></td>
</tr>
<tr>
<td>TestMode</td>
<td></td>
</tr>
<tr>
<td>TransactionKey</td>
<td></td>
</tr>
</tbody>
</table>
See Also

Gateway Class
AuthorizeNet Namespace

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Gateway Constructor

Gateway Class See Also Send Feedback
# Overload List

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Gateway(String, String)</td>
<td>Initializes a new instance of the Gateway class</td>
</tr>
<tr>
<td>Gateway(String, String, Boolean)</td>
<td>Initializes a new instance of the Gateway class</td>
</tr>
</tbody>
</table>
See Also

Gateway Class
Gateway Members
AuthorizeNet Namespace

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C#  Visual Basic  Visual C++

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Gateway Constructor (String, String)

Gateway Class See Also Send Feedback

Initializes a new instance of the Gateway class

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

C#

public Gateway(
    string apiLogin,
    string transactionKey
)

Visual Basic

Public Sub New (_
    apiLogin As String,
    transactionKey As String _
)

Visual C++

public:
Gateway(
    String^ apiLogin,
    String^ transactionKey
)

Parameters

apiLogin
    Type: System...String

transactionKey
    Type: System...String
See Also

Gateway Class
Gateway Overload
AuthorizeNet Namespace

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Gateway Constructor (String, String, Boolean)

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
## Syntax

### C#

```csharp
public Gateway(
               string apiLogin,
               string transactionKey,
               bool testMode
)
```

### Visual Basic

```vbnet
Public Sub New (_
               apiLogin As String, _
               transactionKey As String, _
               testMode As Boolean _
)
```

### Visual C++

```csharp
public:
Gateway(
            String^ apiLogin,
            String^ transactionKey,
            bool testMode
)
```

## Parameters

- **apiLogin**
  - Type: `System::String`

- **transactionKey**
  - Type: `System::String`

- **testMode**
  - Type: `System::Boolean`
See Also

Gateway Class
Gateway Overload
AuthorizeNet Namespace

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Gateway Fields

The Gateway type exposes the following members.
Fields

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>LIVE_URL</td>
<td></td>
</tr>
<tr>
<td>TEST_URL</td>
<td></td>
</tr>
</tbody>
</table>
See Also

Gateway Class
AuthorizeNet Namespace

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LIVE_URL Field

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
**Syntax**

**C#**

```csharp
public const string LIVE_URL
```

**Visual Basic**

```vbnet
Public Const LIVE_URL As String
```

**Visual C++**

```cpp
public:
literal String^ LIVE_URL
```
See Also

Gateway Class
AuthorizeNet Namespace

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**TEST_URL Field**

*Gateway Class*  *See Also*  *Send Feedback*

**Namespace:** AuthorizeNet

**Assembly:** AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

**C#**

public const string TEST_URL

**Visual Basic**

Public Const TEST_URL As String

**Visual C++**

public:
  literal String^ TEST_URL
See Also

Gateway Class
AuthorizeNet Namespace

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Gateway Methods

The Gateway type exposes the following members.
## Methods

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>DecideResponse</strong></td>
<td>Decides the response.</td>
</tr>
<tr>
<td><strong>Equals</strong></td>
<td>Determines whether the specified <a href="#">Object</a> is equal to the current <a href="#">Object</a>. (Inherited from <a href="#">Object</a>)</td>
</tr>
<tr>
<td><strong>GetHashCode</strong></td>
<td>Serves as a hash function for a particular type.                             (Inherited from <a href="#">Object</a>)</td>
</tr>
<tr>
<td><strong>GetType</strong></td>
<td>Gets the <a href="#">Type</a> of the current instance.                                 (Inherited from <a href="#">Object</a>)</td>
</tr>
<tr>
<td><strong>Send(IGatewayRequest)</strong></td>
<td></td>
</tr>
<tr>
<td><strong>Send(IGatewayRequest, String)</strong></td>
<td></td>
</tr>
<tr>
<td><strong>ToString</strong></td>
<td>Returns a <a href="#">String</a> that represents the current <a href="#">Object</a>.            (Inherited from <a href="#">Object</a>)</td>
</tr>
</tbody>
</table>
See Also

Gateway Class
AuthorizeNet Namespace

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Gateways...DecideResponse Method

Gateway Class See Also Send Feedback

Decides the response.

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

C#

```csharp
public IGatewayResponse DecideResponse(
    string[] rawResponse
)
```

Visual Basic

```vbnet
Public Function DecideResponse (_
    rawResponse As String() _
) As IGatewayResponse
```

Visual C++

```cpp
public:
IGatewayResponse^ DecideResponse(
    array<String^>^ rawResponse
)
```

Parameters

```
rawResponse
    Type: array<System..::.String>[]
    The raw response.
```

Return Value
See Also

Gateway Class
AuthorizeNet Namespace

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Gateway......Send Method

Gateway Class  See Also  Send Feedback
## Overload List

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td><code>Send(IGatewayRequest)</code></td>
<td></td>
</tr>
<tr>
<td><code>Send(IGatewayRequest, String)</code></td>
<td></td>
</tr>
</tbody>
</table>
See Also

Gateway Class
Gateway Members
AuthorizeNet Namespace

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Send Method (IGatewayRequest)

Gateway Class See Also Send Feedback

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

C#

public IGatewayResponse Send(IGatewayRequest request)

Visual Basic

Public Function Send ( _
    request As IGatewayRequest _
) As IGatewayResponse

Visual C++

public:
    virtual IGatewayResponse^ Send(IGatewayRequest^ request)
    sealed

Parameters

request
    Type: AuthorizeNet::IGatewayRequest

Implements

IGateway::Send(IGatewayRequest)
See Also

Gateway Class
Send Overload
AuthorizeNet Namespace

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Send Method (IGatewayRequest, String)

Gateway Class See Also Send Feedback

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
### Syntax

**C#**

```csharp
public virtual IGatewayResponse Send(IGatewayRequest request, string description)
```

**Visual Basic**

```vbnet
Public Overridable Function Send (request As IGatewayRequest, description As String) As IGatewayResponse
```

**Visual C++**

```cpp
public: virtual IGatewayResponse^ Send(IGatewayRequest^ request, String^ description)
```

### Parameters

- **request**
  - Type: AuthorizeNet..::..IGatewayRequest

- **description**
  - Type: System..::..String

### Implements

- **IGateway..::..Send(IGatewayRequest, String)**
See Also

Gateway Class
Send Overload
AuthorizeNet Namespace

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Gateway Properties

The `Gateway` type exposes the following members.
<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>ApiLogin</td>
<td></td>
</tr>
<tr>
<td>TestMode</td>
<td></td>
</tr>
<tr>
<td>TransactionKey</td>
<td></td>
</tr>
</tbody>
</table>
See Also

Gateway Class
AuthorizeNet Namespace

Copyright 2010, Authorize.NET
A .NET Library aimed at helping you get up to speed quickly with Authorize.NET Gateway. ApiLogin Property

**Namespace:** AuthorizeNet  
**Assembly:** AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

C#

public string ApiLogin { get; set; }

Visual Basic

Public Property ApiLogin As String
    Get
    Set

Visual C++

public:
    virtual property String^ ApiLogin {
        String^ get () sealed;
        void set (String^ value) sealed;
    }

Implements

IGateway...ApiLogin
See Also

Gateway Class
AuthorizeNet Namespace

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TestMode Property

**Gateway Class** [See Also] [Send Feedback]

**Namespace:** AuthorizeNet

**Assembly:** AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

C#

public bool TestMode { get; set; }

Visual Basic

Public Property TestMode As Boolean
Get
Set

Visual C++

public:
property bool TestMode {  
    bool get ();  
    void set (bool value);  
}
See Also

Gateway Class
AuthorizeNet Namespace

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A .NET Library aimed at helping you get up to speed quickly with Authorize.NET Gateway.

See Also: TransactionKey Property

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

C#

```csharp
public string TransactionKey { get; set; }
```

Visual Basic

```vbnet
Public Property TransactionKey As String
    Get
        String
    End Get
    Set
        String
    End Set
End Property
```

Visual C++

```cpp
public:
    virtual property String^ TransactionKey {
        String^ get () sealed;
        void set (String^ value) sealed;
    }
```

Implements

IGateway...:::TransactionKey
See Also

Gateway Class
AuthorizeNet Namespace

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GatewayRequest Class

An abstract base class, from which all Request classes must inherit

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

C#

public abstract class GatewayRequest : IGatewayRequest

Visual Basic

Public MustInherit Class GatewayRequest _
    Implements IGatewayRequest

Visual C++

public ref class GatewayRequest abstract : IGatewayRequest
Inheritance Hierarchy

System..::..Object
AuthorizeNet..::..GatewayRequest
  AuthorizeNet..::..AuthorizationRequest
  AuthorizeNet..::..CaptureRequest
  AuthorizeNet..::..CardPresentAuthorizationRequest
  AuthorizeNet..::..CardPresentCaptureOnly
  AuthorizeNet..::..CardPresentCredit
  AuthorizeNet..::..CardPresentPriorAuthCapture
  AuthorizeNet..::..CardPresentVoid
  AuthorizeNet..::..CreditRequest
  AuthorizeNet..::..EcheckRequest
  AuthorizeNet..::..VoidRequest
See Also

GatewayRequest Members
AuthorizeNet Namespace

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The **GatewayRequest** type exposes the following members.
## Constructors

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>GatewayRequest</td>
<td>Initializes a new instance of the GatewayRequest class.</td>
</tr>
</tbody>
</table>
# Methods

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>AddCardCode</td>
<td>The 3-digit Credit Card Code (CCV) on the back of the card</td>
</tr>
<tr>
<td>AddCustomer</td>
<td>Adds a Customer record to the current request</td>
</tr>
<tr>
<td>AddDuty(Decimal)</td>
<td>Adds a tax value to the request</td>
</tr>
<tr>
<td>AddDuty(Decimal, String, String)</td>
<td>Adds a detailed tax value to the request</td>
</tr>
<tr>
<td>AddFraudCheck()()()</td>
<td>This method will pull the user's IP address for use with FDS. Only valid for Web-based transactions.</td>
</tr>
<tr>
<td>AddFraudCheck(String)</td>
<td>This method adds the required values for Fraud Detection Suite. Your merchant must sign up for this service with Authorize.Net</td>
</tr>
<tr>
<td>AddFreight(Decimal)</td>
<td>Adds a tax value to the request</td>
</tr>
<tr>
<td>AddFreight(Decimal, String, String)</td>
<td>Adds a detailed tax value to the request</td>
</tr>
<tr>
<td>AddInvoice</td>
<td>Adds an InvoiceNumber to the request</td>
</tr>
<tr>
<td>AddLineItem</td>
<td>Adds a line item to the current order</td>
</tr>
<tr>
<td>AddMerchantValue</td>
<td>This is where you can add custom values to the request, which will be returned to you in the response</td>
</tr>
<tr>
<td>AddShipping</td>
<td>Adds a Shipping Record to the current request</td>
</tr>
<tr>
<td>AddTax(Decimal)</td>
<td>Adds a tax value to the request</td>
</tr>
<tr>
<td>AddTax(Decimal, String, String)</td>
<td>Adds a detailed tax value to the request</td>
</tr>
<tr>
<td>Equals</td>
<td>Determines whether the specified Object is equal to the current Object. (Inherited from Object.)</td>
</tr>
<tr>
<td>Get</td>
<td>Gets the specified key from the request.</td>
</tr>
<tr>
<td>GetHashCode</td>
<td>Serves as a hash function for a particular type. (Inherited from Object.)</td>
</tr>
</tbody>
</table>
GetType

Gets the Type of the current instance.
(Inherited from Object.)

Queue

Queues the specified key into the request.

ToPostString

Outputs the queue as a delimited, URL-safe string for sending to Authorize.net as a form POST.

Returns a String that represents the current Object.
(Inherited from Object.)
## Properties

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Address</td>
<td>Gets or sets the address.</td>
</tr>
<tr>
<td>AllowPartialAuth</td>
<td>Gets or sets the allow partial auth.</td>
</tr>
<tr>
<td>Amount</td>
<td>Gets or sets the amount.</td>
</tr>
<tr>
<td>ApiAction</td>
<td></td>
</tr>
<tr>
<td>AuthCode</td>
<td>Gets or sets the auth code.</td>
</tr>
<tr>
<td>AuthenticationIndicator</td>
<td>Gets or sets the authentication indicator.</td>
</tr>
<tr>
<td>BankABACode</td>
<td>Gets or sets the bank ABA code.</td>
</tr>
<tr>
<td>BankAccountName</td>
<td>Gets or sets the name of the bank account.</td>
</tr>
<tr>
<td>BankAccountNumber</td>
<td>Gets or sets the bank account number.</td>
</tr>
<tr>
<td>BankAccountType</td>
<td>Gets or sets the type of the bank account.</td>
</tr>
<tr>
<td>BankCheckNumber</td>
<td>Gets or sets the bank check number.</td>
</tr>
<tr>
<td>BankName</td>
<td>Gets or sets the name of the bank.</td>
</tr>
<tr>
<td>CardCode</td>
<td>Gets or sets the credit card code.</td>
</tr>
<tr>
<td>CardholderAuthenticationValue</td>
<td>Gets or sets the cardholder authentication value.</td>
</tr>
<tr>
<td>CardNum</td>
<td>Gets or sets the credit card number.</td>
</tr>
<tr>
<td>City</td>
<td>Gets or sets the city.</td>
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<tr>
<td>Company</td>
<td>Gets or sets the company.</td>
</tr>
<tr>
<td>Country</td>
<td>Gets or sets the country.</td>
</tr>
<tr>
<td>CustId</td>
<td>Gets or sets the cust id.</td>
</tr>
<tr>
<td>CustomerIp</td>
<td>Gets or sets the customer ip.</td>
</tr>
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<td>Gets or sets the delim char.</td>
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<tr>
<td>DelimData</td>
<td>Gets or sets the delim data.</td>
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<tr>
<td>Description</td>
<td>Gets or sets the description.</td>
</tr>
<tr>
<td>DuplicateWindow</td>
<td>Gets or sets the duplicate window - the am.</td>
</tr>
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Duty
- Gets or sets the duty.

EcheckType
- Gets or sets the type of the echeck.

Email
- Gets or sets the email.

EmailCustomer
- Gets or sets the email customer.

EncapChar
- Gets or sets the encap char.

ExpDate
- Gets or sets the exp date.

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- Gets or sets the fax.

FirstName
- Gets or sets the first name.

FooterEmailReceipt
- Gets or sets the footer email receipt.

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- Gets or sets the recurring billing.

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- Gets or sets the relay response.

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- Gets or sets the ship to address.

ShipToCity
- Gets or sets the ship to city.

ShipToCompany
- Gets or sets the ship to company.

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- Gets or sets the ship to country.

ShipToFirstName
- Gets or sets the first name of the ship to.

ShipToLastName
- Gets or sets the last name of the ship to.

ShipToState
- Gets or sets the state of the ship to.

ShipToZip
- Gets or sets the ship to zip.

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- Gets or sets the split tender id.

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- Gets or sets the state.
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<th>Description</th>
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<td>Gets or sets the tax exempt.</td>
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<td>TestRequest</td>
<td>Gets or sets the test request.</td>
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<tr>
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<td>Gets or sets the tran key.</td>
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<tr>
<td>TransId</td>
<td>Gets or sets the trans id.</td>
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<tr>
<td>Type</td>
<td>Gets or sets the type.</td>
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<tr>
<td>Version</td>
<td>Gets or sets the version.</td>
</tr>
<tr>
<td>Zip</td>
<td>Gets or sets the zip.</td>
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See Also

GatewayRequest Class
AuthorizeNet Namespace

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GatewayRequest Constructor

Initializes a new instance of the GatewayRequest class.

Namespace: AuthorizeNet

Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

C#

public GatewayRequest()

Visual Basic

Public Sub New

Visual C++

public:
GatewayRequest()
See Also

GatewayRequest Class
AuthorizeNet Namespace

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GatewayRequest Methods

The **GatewayRequest** type exposes the following members.
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<tr>
<td><strong>AddCustomer</strong></td>
<td>Adds a Customer record to the current request</td>
</tr>
<tr>
<td><strong>AddDuty(Decimal)</strong></td>
<td>Adds a tax value to the request</td>
</tr>
<tr>
<td><strong>AddDuty(Decimal, String, String)</strong></td>
<td>Adds a detailed tax value to the request</td>
</tr>
<tr>
<td><strong>AddFraudCheck()()()</strong></td>
<td>This method will pull the user's IP address for use with FDS. Only valid for Web-based transactions.</td>
</tr>
<tr>
<td><strong>AddFraudCheck(String)</strong></td>
<td>This method adds the required values for Fraud Detection Suite. Your merchant must sign up for this service with Authorize.Net</td>
</tr>
<tr>
<td><strong>AddFreight(Decimal)</strong></td>
<td>Adds a tax value to the request</td>
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<tr>
<td><strong>AddFreight(Decimal, String, String)</strong></td>
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<td>Adds a line item to the current order</td>
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<tr>
<td><strong>AddMerchantValue</strong></td>
<td>This is where you can add custom values to the request, which will be returned to you in the response</td>
</tr>
<tr>
<td><strong>AddShipping</strong></td>
<td>Adds a Shipping Record to the current request</td>
</tr>
<tr>
<td><strong>AddTax(Decimal)</strong></td>
<td>Adds a tax value to the request</td>
</tr>
<tr>
<td><strong>AddTax(Decimal, String, String)</strong></td>
<td>Adds a detailed tax value to the request</td>
</tr>
<tr>
<td><strong>Equals</strong></td>
<td>Determines whether the specified Object is equal to the current Object. (Inherited from Object.)</td>
</tr>
<tr>
<td><strong>Get</strong></td>
<td>Gets the specified key from the request.</td>
</tr>
<tr>
<td><strong>GetHashCode</strong></td>
<td>Serves as a hash function for a particular type. (Inherited from Object.)</td>
</tr>
<tr>
<td>Method</td>
<td>Description</td>
</tr>
<tr>
<td>------------</td>
<td>-----------------------------------------------------------------------------</td>
</tr>
<tr>
<td><strong>Get Type</strong></td>
<td>Gets the <em>Type</em> of the current instance. (Inherited from <em>Object</em>.)</td>
</tr>
<tr>
<td><strong>Queue</strong></td>
<td>Queues the specified key into the request.</td>
</tr>
<tr>
<td><strong>To Post String</strong></td>
<td>Outputs the queue as a delimited, URL-safe string for sending to Authorize.net as a form POST</td>
</tr>
<tr>
<td><strong>ToString</strong></td>
<td>Returns a <em>String</em> that represents the current <em>Object</em>. (Inherited from <em>Object</em>.)</td>
</tr>
</tbody>
</table>
See Also

GatewayRequest Class
AuthorizeNet Namespace

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GatewayRequest..AddCardCode Method

The 3-digit Credit Card Code (CCV) on the back of the card

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

**C#**

```csharp
public IGatewayRequest AddCardCode(
    string cardCode
)
```

**Visual Basic**

```vbnet
Public Function AddCardCode ( _
    cardCode As String _
) As IGatewayRequest
```

**Visual C++**

```cpp
public:
    virtual IGatewayRequest^ AddCardCode(
        String^ cardCode
    ) sealed
```

**Parameters**

cardCode
  Type: System::String

**Implements**

IGatewayRequest::AddCardCode(String)
See Also

GatewayRequest Class
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GatewayRequest..:.:.AddCustomer Method

GatewayRequest Class See Also Send Feedback

Adds a Customer record to the current request

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

C#

public IGatewayRequest AddCustomer(
    string ID,
    string first,
    string last,
    string address,
    string state,
    string zip)

Visual Basic

Public Function AddCustomer ( _
    ID As String, _
    first As String, _
    last As String, _
    address As String, _
    state As String, _
    zip As String _
) As IGatewayRequest

Visual C++

public:
    virtual IGatewayRequest^ AddCustomer(
        String^ ID,
        String^ first,
        String^ last,
        String^ address,
        String^ state,
        String^ zip
    ) sealed

Parameters

ID
    Type: System:::String
first
  Type: System::String

last
  Type: System::String

address
  Type: System::String

state
  Type: System::String

zip
  Type: System::String

**Implements**

IGatewayRequest::AddCustomer(String, String, String, String, String, String)
See Also

GatewayRequest Class
AuthorizeNet Namespace

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GatewayRequest...AddDuty Method

GatewayRequest Class

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<tr>
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<td>Adds a tax value to the request</td>
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<tr>
<td>AddDuty(Decimal, String, String)</td>
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AuthorizeNet Namespace

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GatewayRequest>AddDuty Method (Decimal)

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

C#

public IGatewayRequest AddDuty(
    decimal amount
)

Visual Basic

Public Function AddDuty( _
    amount As Decimal _
) As IGatewayRequest

Visual C++

public:
    virtual IGatewayRequest^ AddDuty(
    Decimal amount
)
    sealed

Parameters

amount
    Type: System::Decimal

Implements

IGatewayRequest::AddDuty(Decimal)
See Also

GatewayRequest Class
AddDuty Overload
AuthorizeNet Namespace

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GatewayRequest:::..AddDuty Method (Decimal, String, String)

GatewayRequest Class See Also Send Feedback

Adds a detailed tax value to the request

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

C#

```csharp
public IGatewayRequest AddDuty(
    decimal amount,
    string name,
    string description
)
```

Visual Basic

```vbnet
Public Function AddDuty ( _
    amount As Decimal, _
    name As String, _
    description As String _
) As IGatewayRequest
```

Visual C++

```cpp
public:
virtual IGatewayRequest^ AddDuty(
    Decimal amount,
    String^ name,
    String^ description
)
``` sealed

Parameters

amount
  Type: System:::Decimal

name
  Type: System:::String

description
  Type: System:::String

Implements
IGatewayRequest:::AddDuty(Decimal, String, String)
See Also

GatewayRequest Class
AddDuty Overload
AuthorizeNet Namespace

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GatewayRequest..AddFraudCheck Method

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<tr>
<td>AddFraudCheck()()()()</td>
<td>This method will pull the user's IP address for use with FDS. Only valid for Web-based transactions.</td>
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<tr>
<td>AddFraudCheck(String)</td>
<td>This method adds the required values for Fraud Detection Suite. Your merchant must sign up for this service with Authorize.Net</td>
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See Also

GatewayRequest Class
GatewayRequest Members
AuthorizeNet Namespace

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GatewayRequest..AddFraudCheck Method

This method will pull the user's IP address for use with FDS. Only valid for Web-based transactions.

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

C#
public IGatewayRequest AddFraudCheck() 

Visual Basic
Public Function AddFraudCheck As IGatewayRequest

Visual C++
public:
virtual IGatewayRequest^ AddFraudCheck() sealed

ReturnValue

Implements

IGatewayRequest:::..AddFraudCheck()()}()}
See Also

GatewayRequest Class
AddFraudCheck Overload
AuthorizeNet Namespace

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GatewayRequest...AddFraudCheck Method (String)

This method adds the required values for Fraud Detection Suite. Your merchant must sign up for this service with Authorize.Net

**Namespace:** AuthorizeNet

**Assembly:** AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
## Syntax

**C#**

public IGatewayRequest AddFraudCheck(
    string customerIP
)

**Visual Basic**

Public Function AddFraudCheck ( _
    customerIP As String _
) As IGatewayRequest

**Visual C++**

public:
    virtual IGatewayRequest^ AddFraudCheck(
        String^ customerIP
    ) sealed

## Parameters

**customerIP**

Type: System:::String

The Customer's IP address

## Return Value

**Implements**

IGatewayRequest:::AddFraudCheck(String)
See Also

GatewayRequest Class
AddFraudCheck Overload
AuthorizeNet Namespace

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GatewayRequest Class  See Also  Send Feedback
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<td>Adds a tax value to the request</td>
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<tr>
<td>AddFreight(Decimal, String, String)</td>
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GatewayRequest Class  
GatewayRequest Members  
AuthorizeNet Namespace  

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A .NET Library aimed at helping you get up to speed quickly with Authorize.NET GatewayRequest. AddFreight Method (Decimal)

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
### Syntax

**C#**

```csharp
public IGatewayRequest AddFreight(
    decimal amount
)
```

**Visual Basic**

```vbnet
Public Function AddFreight ( _
    amount As Decimal _
) As IGatewayRequest
```

**Visual C++**

```cpp
public:
    virtual IGatewayRequest^ AddFreight(
        Decimal  amount
    ) sealed
```

### Parameters

- **amount**
  - Type: `System::Decimal`

### Implements

- `IGatewayRequest::AddFreight(Decimal)`
See Also

GatewayRequest Class
AddFreight Overload
AuthorizeNet Namespace

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GatewayRequest.AddFreight Method (Decimal, String, String)

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0

Adds a detailed tax value to the request
Syntax

C#

```csharp
public IGatewayRequest AddFreight(
    decimal amount,
    string name,
    string description
)
```

Visual Basic

```vbnet
Public Function AddFreight ( _
    amount As Decimal, _
    name As String, _
    description As String _
) As IGatewayRequest
```

Visual C++

```cpp
public: IGatewayRequest^ AddFreight(
    Decimal amount,
    String^ name,
    String^ description
) sealed
```

Parameters

amount
  Type: System::Decimal

name
  Type: System::String

description
  Type: System::String

Implements
IGatewayRequest::AddFreight(Decimal, String, String)
See Also

GatewayRequest Class
AddFreight Overload
AuthorizeNet Namespace

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Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0

Add an InvoiceNumber to the request
Syntax

C#

```csharp
public IGatewayRequest AddInvoice(
    string invoiceNumber
)
```

Visual Basic

```vbnet
Public Function AddInvoice ( _
    invoiceNumber As String _
) As IGatewayRequest
```

Visual C++

```cpp
public:
virtual IGatewayRequest^ AddInvoice(
    String^ invoiceNumber
) sealed
```

Parameters

invoiceNumber
  Type: `System::String`

Implements

`IGatewayRequest::AddInvoice(String)`
See Also

GatewayRequest Class
AuthorizeNet Namespace

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AddLineItem Method

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0

Adds a line item to the current order.
Syntax

C#

public IGatewayRequest AddLineItem(
    string itemID,
    string name,
    string description,
    int quantity,
    decimal price,
    bool taxable
)

Visual Basic

Public Function AddLineItem ( _
    itemID As String, _
    name As String, _
    description As String, _
    quantity As Integer, _
    price As Decimal, _
    taxable As Boolean _
) As IGatewayRequest

Visual C++

public:
virtual IGatewayRequest^ AddLineItem(
    String^ itemID,
    String^ name,
    String^ description,
    int quantity,
    Decimal price,
    bool taxable
)

sealed

Parameters

itemID
Type: System::String
name
   Type: System.String

description
   Type: System.String

quantity
   Type: System.Int32

price
   Type: System.Decimal

taxable
   Type: System.Boolean

Return Value

Implements

IGatewayRequest.AddLineItem(String, String, String, Int32, Decimal, Boolean)
See Also

GatewayRequest Class
AuthorizeNet Namespace

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GatewayRequest.AddMerchantValue Method

This is where you can add custom values to the request, which will be returned to you in the response

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

C#

public IGatewayRequest AddMerchantValue(
    string key,
    string value
)

Visual Basic

Public Function AddMerchantValue ( _
    key As String, _
    value As String _
) As IGatewayRequest

Visual C++

public:
virtual IGatewayRequest^ AddMerchantValue(
    String^ key,
    String^ value
) sealed

Parameters

key
    Type: System::String

value
    Type: System::String

Implements

IGatewayRequest::AddMerchantValue(String, String)
See Also

GatewayRequest Class
AuthorizeNet Namespace

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GatewayRequest...AddShipping Method

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

C#

public IGatewayRequest AddShipping(
    string ID,
    string first,
    string last,
    string address,
    string state,
    string zip
)

Visual Basic

Public Function AddShipping ( _
    ID As String, _
    first As String, _
    last As String, _
    address As String, _
    state As String, _
    zip As String _
) As IGatewayRequest

Visual C++

public:
    virtual IGatewayRequest^ AddShipping(
        String^ ID,
        String^ first,
        String^ last,
        String^ address,
        String^ state,
        String^ zip
    ) sealed

Parameters

ID
    Type: System::: String
first
    Type: System::String

last
    Type: System::String

address
    Type: System::String

state
    Type: System::String

zip
    Type: System::String

Implements

IGatewayRequest::AddShipping(String, String, String, String, String, String, String)
See Also

GatewayRequest Class
AuthorizeNet Namespace

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GatewayRequest Class See Also Send Feedback
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</tr>
<tr>
<td><code>AddTax(Decimal, String, String)</code></td>
<td>Adds a detailed tax value to the request</td>
</tr>
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See Also

GatewayRequest Class
GatewayRequest Members
AuthorizeNet Namespace

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GatewayRequest.AddTax Method (Decimal)

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

C#

public IGatewayRequest AddTax(decimal amount)

Visual Basic

Public Function AddTax(_
    amount As Decimal _
) As IGatewayRequest

Visual C++

public:
virtual IGatewayRequest^ AddTax(_
    Decimal amount _
) sealed

Parameters

amount
    Type: System:::Decimal

Implements

IGatewayRequest:::AddTax(Decimal)
See Also

GatewayRequest Class
AddTax Overload
AuthorizeNet Namespace

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GatewayRequest...AddTax Method (Decimal, String, String)

Add a detailed tax value to the request

**Namespace:** AuthorizeNet

**Assembly:** AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

C#

public IGatewayRequest AddTax(
    decimal amount,
    string name,
    string description
)

Visual Basic

Public Function AddTax (_
    amount As Decimal, _
    name As String, _
    description As String _
) As IGatewayRequest

Visual C++

public:
virtual IGatewayRequest^ AddTax(
    Decimal amount,
    String^ name,
    String^ description
)
sealed

Parameters

amount
Type: System::Decimal

name
Type: System::String

description
Type: System::String

Implements
IGatewayRequest::..AddTax(Decimal, String, String)
See Also

GatewayRequest Class
AddTax Overload
AuthorizeNet Namespace

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GatewayRequest..:.Get Method

Gets the specified key from the request.

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
**Syntax**

**C#**

```csharp
public string Get(
    string key
)
```

**Visual Basic**

```vbnet
Public Function Get ( _
    key As String _
) As String
```

**Visual C++**

```cpp
public:
    virtual String^ Get(
        String^ key
    ) sealed
```

**Parameters**

key

Type: `System::String`

The key.

**Implements**

`IGatewayRequest::Get(String)`
See Also

GatewayRequest Class
AuthorizeNet Namespace

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**GatewayRequest.Queue Method**

**GatewayRequest Class** [See Also] [Send Feedback]

Queues the specified key into the request.

**Namespace:** AuthorizeNet

**Assembly:** AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

C#

public void Queue(
    string key,
    string value
)

Visual Basic

Public Sub Queue ( _
    key As String, _
    value As String _
)

Visual C++

public:
virtual void Queue(
    String^ key,
    String^ value
) sealed

Parameters

key
Type: System..::.String
The key.

value
Type: System..::.String
The value.

Implements

IGatewayRequest..::.Queue(String, String)
See Also

GatewayRequest Class
AuthorizeNet Namespace

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GatewayRequest.:.:.:ToPostString Method

Outputs the queue as a delimited, URL-safe string for sending to Authorize.net as a form POST

**Namespace:** AuthorizeNet

**Assembly:** AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
## Syntax

### C#

```csharp
class MyClass
{
    public string ToPostString()
    {
        // Implementation
    }
}
```

### Visual Basic

```vbnet
Public Function ToPostString() As String
    ' Implementation
End Function
```

### Visual C++

```cpp
public:
virtual String^ ToPostString() sealed
```

## Implements

```cpp
IGatewayRequest::ToPostString
```
See Also

GatewayRequest Class
AuthorizeNet Namespace

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GatewayRequest Properties

The **GatewayRequest** type exposes the following members.
<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Address</td>
<td>Gets or sets the address.</td>
</tr>
<tr>
<td>AllowPartialAuth</td>
<td>Gets or sets the allow partial auth.</td>
</tr>
<tr>
<td>Amount</td>
<td>Gets or sets the amount.</td>
</tr>
<tr>
<td>ApiAction</td>
<td>Gets or sets the auth code.</td>
</tr>
<tr>
<td>AuthCode</td>
<td>Gets or sets the authentication indicator.</td>
</tr>
<tr>
<td>AuthenticationIndicator</td>
<td>Gets or sets the authentication indicator.</td>
</tr>
<tr>
<td>BankABACode</td>
<td>Gets or sets the bank ABA code.</td>
</tr>
<tr>
<td>BankAccountName</td>
<td>Gets or sets the name of the bank account.</td>
</tr>
<tr>
<td>BankAccountNumber</td>
<td>Gets or sets the bank account number.</td>
</tr>
<tr>
<td>BankAccountType</td>
<td>Gets or sets the type of the bank account.</td>
</tr>
<tr>
<td>BankCheckNumber</td>
<td>Gets or sets the bank check number.</td>
</tr>
<tr>
<td>BankName</td>
<td>Gets or sets the name of the bank.</td>
</tr>
<tr>
<td>CardCode</td>
<td>Gets or sets the credit card code.</td>
</tr>
<tr>
<td>CardholderAuthenticationValue</td>
<td>Gets or sets the cardholder authentication value.</td>
</tr>
<tr>
<td>CardNum</td>
<td>Gets or sets the credit card number.</td>
</tr>
<tr>
<td>City</td>
<td>Gets or sets the city.</td>
</tr>
<tr>
<td>Company</td>
<td>Gets or sets the company.</td>
</tr>
<tr>
<td>Country</td>
<td>Gets or sets the country.</td>
</tr>
<tr>
<td>CustId</td>
<td>Gets or sets the cust id.</td>
</tr>
<tr>
<td>CustomerIp</td>
<td>Gets or sets the customer ip.</td>
</tr>
<tr>
<td>DelimChar</td>
<td>Gets or sets the delim char.</td>
</tr>
<tr>
<td>DelimData</td>
<td>Gets or sets the delim data.</td>
</tr>
<tr>
<td>Description</td>
<td>Gets or sets the description.</td>
</tr>
<tr>
<td>DuplicateWindow</td>
<td>Gets or sets the duplicate window - the am.</td>
</tr>
<tr>
<td>Property</td>
<td>Description</td>
</tr>
<tr>
<td>--------------------------</td>
<td>--------------------------------------------------</td>
</tr>
<tr>
<td>Duty</td>
<td>Gets or sets the duty.</td>
</tr>
<tr>
<td>EcheckType</td>
<td>Gets or sets the type of the echeck.</td>
</tr>
<tr>
<td>Email</td>
<td>Gets or sets the email.</td>
</tr>
<tr>
<td>EmailCustomer</td>
<td>Gets or sets the email customer.</td>
</tr>
<tr>
<td>EncapChar</td>
<td>Gets or sets the encap char.</td>
</tr>
<tr>
<td>ExpDate</td>
<td>Gets or sets the exp date.</td>
</tr>
<tr>
<td>Fax</td>
<td>Gets or sets the fax.</td>
</tr>
<tr>
<td>FirstName</td>
<td>Gets or sets the first name.</td>
</tr>
<tr>
<td>FooterEmailReceipt</td>
<td>Gets or sets the footer email receipt.</td>
</tr>
<tr>
<td>Freight</td>
<td>Gets or sets the freight.</td>
</tr>
<tr>
<td>HeaderEmailReceipt</td>
<td>Gets or sets the header email receipt.</td>
</tr>
<tr>
<td>InvoiceNum</td>
<td>Gets or sets the invoice num.</td>
</tr>
<tr>
<td>LastName</td>
<td>Gets or sets the last name.</td>
</tr>
<tr>
<td>LineItem</td>
<td>Gets or sets the line item.</td>
</tr>
<tr>
<td>Login</td>
<td>Gets or sets the login.</td>
</tr>
<tr>
<td>Method</td>
<td>Gets or sets the method.</td>
</tr>
<tr>
<td>Phone</td>
<td>Gets or sets the phone.</td>
</tr>
<tr>
<td>PoNum</td>
<td>Gets or sets the po number.</td>
</tr>
<tr>
<td>Post</td>
<td></td>
</tr>
<tr>
<td>RecurringBilling</td>
<td>Gets or sets the recurring billing.</td>
</tr>
<tr>
<td>RelayResponse</td>
<td>Gets or sets the relay response.</td>
</tr>
<tr>
<td>ShipToAddress</td>
<td>Gets or sets the ship to address.</td>
</tr>
<tr>
<td>ShipToCity</td>
<td>Gets or sets the ship to city.</td>
</tr>
<tr>
<td>ShipToCompany</td>
<td>Gets or sets the ship to company.</td>
</tr>
<tr>
<td>ShipToCountry</td>
<td>Gets or sets the ship to country.</td>
</tr>
<tr>
<td>ShipToFirstName</td>
<td>Gets or sets the first name of the ship to.</td>
</tr>
<tr>
<td>ShipToLastName</td>
<td>Gets or sets the last name of the ship to.</td>
</tr>
<tr>
<td>ShipToState</td>
<td>Gets or sets the state of the ship to.</td>
</tr>
<tr>
<td>ShipToZip</td>
<td>Gets or sets the ship to zip.</td>
</tr>
<tr>
<td>SplitTenderId</td>
<td>Gets or sets the split tender id.</td>
</tr>
<tr>
<td>State</td>
<td>Gets or sets the state.</td>
</tr>
<tr>
<td>Function</td>
<td>Description</td>
</tr>
<tr>
<td>--------------</td>
<td>--------------------------------------</td>
</tr>
<tr>
<td><strong>Tax</strong></td>
<td>Gets or sets the tax.</td>
</tr>
<tr>
<td><strong>TaxExempt</strong></td>
<td>Gets or sets the tax exempt.</td>
</tr>
<tr>
<td><strong>TestRequest</strong></td>
<td>Gets or sets the test request.</td>
</tr>
<tr>
<td><strong>TranKey</strong></td>
<td>Gets or sets the tran key.</td>
</tr>
<tr>
<td><strong>TransId</strong></td>
<td>Gets or sets the trans id.</td>
</tr>
<tr>
<td><strong>Type</strong></td>
<td>Gets or sets the type.</td>
</tr>
<tr>
<td><strong>Version</strong></td>
<td>Gets or sets the version.</td>
</tr>
<tr>
<td><strong>Zip</strong></td>
<td>Gets or sets the zip.</td>
</tr>
</tbody>
</table>
See Also

GatewayRequest Class
AuthorizeNet Namespace

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C#  Visual Basic  Visual C++

A .NET Library aimed at helping you get up to speed quickly with Authorize.NET GatewayRequest... Address Property

GatewayRequest Class  See Also  Send Feedback

Gets or sets the address.

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

C#

public string Address { get; set; }

Visual Basic

Public Property Address As String
Get
Set

Visual C++

public:
virtual property String^ Address {
    String^ get () sealed;
    void set (String^ value) sealed;
}

Field Value

The address.

Implements

IGatewayRequest::Address
See Also

GatewayRequest Class
AuthorizeNet Namespace

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A .NET Library aimed at helping you get up to speed quickly with Authorize.NET

GatewayRequest-AllowPartialAuth Property

-GatewayRequest Class See Also Send Feedback

Gets or sets the allow partial auth.

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

C#

public string AllowPartialAuth { get; set; }

Visual Basic

Public Property AllowPartialAuth As String
Get
Set

Visual C++

public:
virtual property String^ AllowPartialAuth {
    String^ get () sealed;
    void set (String^ value) sealed;
}

Field Value

The allow partial auth.

Implements

IGatewayRequest:::AllowPartialAuth
See Also

GatewayRequest Class
AuthorizeNet Namespace

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GatewayRequest::Amount Property

**GatewayRequest Class**  **See Also**  **Send Feedback**

Gets or sets the amount.

**Namespace:**  AuthorizeNet

**Assembly:**  AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

C#

public string Amount { get; set; }

Visual Basic

Public Property Amount As String
Get
Set

Visual C++

public:
virtual property String^ Amount {
    String^ get () sealed;
    void set (String^ value) sealed;
}

Field Value

The amount.

Implements

IGatewayRequest:::Amount
See Also

GatewayRequest Class
AuthorizeNet Namespace

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Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

C#

public RequestAction ApiAction { get; }

Visual Basic

Public ReadOnly Property ApiAction As RequestAction
Get

Visual C++

public:
virtual property RequestAction ApiAction {
RequestAction get () sealed;
}

Implements

IGatewayRequest::ApiAction
See Also

GatewayRequest Class
AuthorizeNet Namespace

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**GatewayRequest Class**

See Also Send Feedback

Gets or sets the auth code.

**Namespace:** AuthorizeNet

**Assembly:** AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

C#

public string AuthCode { get; set; }

Visual Basic

Public Property AuthCode As String
Get
Set

Visual C++

public:
virtual property String^ AuthCode {
    String^ get () sealed;
    void set (String^ value) sealed;
}

Field Value

The auth code.

Implements

IGatewayRequest:::AuthCode
See Also

GatewayRequest Class
AuthorizeNet Namespace

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ArgumentNullException

Gets or sets the authentication indicator.

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

C#

public string AuthenticationIndicator { get; set; }

Visual Basic

Public Property AuthenticationIndicator As String
   Get
   Set

Visual C++

public:
   virtual property String^ AuthenticationIndicator {
      String^ get () sealed;
      void set (String^ value) sealed;
   }

Field Value

The authentication indicator.

Implements

IGatewayRequest:::AuthenticationIndicator
See Also

GatewayRequest Class
AuthorizeNet Namespace

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**BankABACode Property**

*GatewayRequest Class*  *See Also*  *Send Feedback*

Gets or sets the bank ABA code.

**Namespace:** AuthorizeNet  
**Assembly:** AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

C#

```csharp
public string BankABACode { get; set; }
```

Visual Basic

```vbnet
Public Property BankABACode As String
    Get
        Set
    End Property
```

Visual C++

```cpp
public:
    virtual property String^ BankABACode {
        String^ get () sealed;
        void set (String^ value) sealed;
    }
```

Field Value

The bank ABA code.

Implements

IGatewayRequest::<..BankABACode
See Also

GatewayRequest Class
AuthorizeNet Namespace

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GatewayRequest..:.BankAccountName Property

Gets or sets the name of the bank account.

**Namespace:** AuthorizeNet
**Assembly:** AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

C#

public string BankAccountName { get; set; }

Visual Basic

Public Property BankAccountName As String
    Get
    Set

Visual C++

public:
    virtual property String^ BankAccountName {
        String^ get () sealed;
        void set (String^ value) sealed;
    }

Field Value

The name of the bank account.

Implements

IGatewayRequest::..BankAccountName
See Also

GatewayRequest Class
AuthorizeNet Namespace

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Gets or sets the bank account number.

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

C#

public string BankAccountNumber { get; set; }

Visual Basic

Public Property BankAccountNumber As String
    Get
        String
    End Get
    Set
        String
    End Set

Visual C++

public:
    virtual property String^ BankAccountNumber { 
        String^ get () sealed;
        void set (String^ value) sealed;
    }

Field Value

The bank account number.

Implements

IGatewayRequest::BankAccountNumber
See Also

GatewayRequest Class
AuthorizeNet Namespace

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BankAccountType Property

Gets or sets the type of the bank account.

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

**C#**

```csharp
public BankAccountType BankAccountType { get; set; }
```

**Visual Basic**

```vbnet
Public Property BankAccountType As BankAccountType
    Get
    Set
```

**Visual C++**

```cpp
public:
    virtual property BankAccountType BankAccountType {
        BankAccountType get () sealed;
        void set (BankAccountType value) sealed;
    }
```

**Field Value**

The type of the bank account.

**Implements**

`IGatewayRequest::BankAccountType`
See Also

GatewayRequest Class
AuthorizeNet Namespace

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**BankCheckNumber Property**

**Namespace:** AuthorizeNet

**Assembly:** AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0

Gets or sets the bank check number.
Syntax

C#

public string BankCheckNumber { get; set; }

Visual Basic

Public Property BankCheckNumber As String
   Get
      Set

Visual C++

public:
virtual property String^ BankCheckNumber {
   String^ get () sealed;
   void set (String^ value) sealed;
}

Field Value

The bank check number.

Implements

IGatewayRequest:::BankCheckNumber
See Also

GatewayRequest Class
AuthorizeNet Namespace

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GatewayRequest...:..BankName Property

Gets or sets the name of the bank.

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

C#

```csharp
public string BankName { get; set; }
```

Visual Basic

```vbnet
Public Property BankName As String
    Get
    Set
```

Visual C++

```cpp
public:
    virtual property String^ BankName {
        String^ get () sealed;
        void set (String^ value) sealed;
    }
```

Field Value

The name of the bank.

Implements

IGatewayRequest:::BankName
See Also

GatewayRequest Class
AuthorizeNet Namespace

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GatewayRequest...CardCode Property

Gets or sets the credit card code.

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

C#

public string CardCode { get; set; }

Visual Basic

Public Property CardCode As String
    Get
    Set

Visual C++

public:
virtual property String^ CardCode {
    String^ get () sealed;
    void set (String^ value) sealed;
}

Field Value

The card code.

Implements

IGatewayRequest:::..CardCode
See Also

GatewayRequest Class
AuthorizeNet Namespace

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GatewayRequest...CardholderAuthenticationValue Property

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

C#

public string CardholderAuthenticationValue { get; set; }

Visual Basic

Public Property CardholderAuthenticationValue As String
    Get
        Dim value = Nothing
        Return value
    Set
        Dim value = value
        'value = value

Visual C++

public:
    virtual property String^ CardholderAuthenticationValue { 
        String^ get () sealed;
        void set (String^ value) sealed;
    }

Field Value

The cardholder authentication value.

Implements

IGatewayRequest:::CardholderAuthenticationValue
See Also

GatewayRequest Class
AuthorizeNet Namespace

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A .NET Library aimed at helping you get up to speed quickly with Authorize.NET GatewayRequest...:..CardNum Property

Gets or sets the credit card number.

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

C#

public string CardNum { get; set; }

Visual Basic

Public Property CardNum As String
    Get
        Set

Visual C++

public:
    virtual property String^ CardNum {
        String^ get () sealed;
        void set (String^ value) sealed;
    }

Field Value

The card num.

Implements

IGatewayRequest::::CardNum
See Also

GatewayRequest Class
AuthorizeNet Namespace

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GatewayRequest.City Property

Gets or sets the city.

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
## Syntax

### C#

```csharp
public string City { get; set; }
```

### Visual Basic

```vbnet
Public Property City As String
    Get
    Set
```

### Visual C++

```cpp
public:
virtual property String^ City {
    String^ get () sealed;
    void set (String^ value) sealed;
}
```

## Field Value

The city.

## Implements

IGatewayRequest:::City
See Also

GatewayRequest Class
AuthorizeNet Namespace

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GatewayRequest.Company Property

Gets or sets the company.

**Namespace:** AuthorizeNet

**Assembly:** AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

C#
public string Company { get; set; }

Visual Basic
Public Property Company As String
    Get
    Set

Visual C++
public:
virtual property String^ Company {
    String^ get () sealed;
    void set (String^ value) sealed;
}

Field Value

The company.

Implements

IGatewayRequest:::..Company
See Also

GatewayRequest Class
AuthorizeNet Namespace

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GatewayRequest.Country Property

Gets or sets the country.

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

C#

public string Country { get; set; }

Visual Basic

Public Property Country As String
Get
Set

Visual C++

public:
virtual property String^ Country { String^ get () sealed;
    void set (String^ value) sealed;
}

Field Value

The country.

Implements

IGatewayRequest:::..Country
See Also

GatewayRequest Class
AuthorizeNet Namespace

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**GatewayRequest**...**CustId Property**

**GatewayRequest Class**  **See Also**  **Send Feedback**

Gets or sets the cust id.

**Namespace:**  **AuthorizeNet**
**Assembly:**  AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

C#

public string CustId { get; set; }  

Visual Basic

Public Property CustId As String
Get
Set

Visual C++

public:
virtual property String^ CustId {
    String^ get () sealed;
    void set (String^ value) sealed;
}

Field Value

The cust id.

Implements

IGatewayRequest:::CustId
See Also

GatewayRequest Class
AuthorizeNet Namespace

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A .NET Library aimed at helping you get up to speed quickly with Authorize.NET GatewayRequest...CustomerIp Property

**Namespace:** AuthorizeNet

**Assembly:** AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0

Gets or sets the customer ip.
Syntax

C#

public string CustomerIp { get; set; }

Visual Basic

Public Property CustomerIp As String
    Get
    Set

Visual C++

public:
virtual property String^ CustomerIp { 
    String^ get () sealed;
    void set (String^ value) sealed;
}

Field Value

The customer ip.

Implements

IGatewayRequest:::CustomerIp
See Also

GatewayRequest Class
AuthorizeNet Namespace

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**DelimChar Property**

Gets or sets the delim char.

**Namespace:** AuthorizeNet

**Assembly:** AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

C#

public string DelimChar { get; set; }

Visual Basic

Public Property DelimChar As String
    Get
    Set

Visual C++

public:
    virtual property String^ DelimChar {
        String^ get () sealed;
        void set (String^ value) sealed;
    }

Field Value

The delim char.

Implements

IGatewayRequest:::DelimChar
See Also

GatewayRequest Class
AuthorizeNet Namespace

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GatewayRequest..::DelimData Property

Gets or sets the delim data.

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

C#

public string DelimData { get; set; }

Visual Basic

Public Property DelimData As String
    Get
    Set

Visual C++

public:
    virtual property String^ DelimData {
        String^ get () sealed;
        void set (String^ value) sealed;
    }

Field Value

The delim data.

Implements

IGatewayRequest,..:: DelimData
See Also

GatewayRequest Class
AuthorizeNet Namespace

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A .NET Library aimed at helping you get up to speed quickly with Authorize.NET GatewayRequest...Description Property

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0

Gets or sets the description.
Syntax

C#

public string Description { get; set; }

Visual Basic

Public Property Description As String
Get
Set

Visual C++

public:
virtual property String^ Description {
    String^ get () sealed;
    void set (String^ value) sealed;
}

Field Value

The description.

Implements

IGatewayRequest::$_..Description
See Also

GatewayRequest Class
AuthorizeNet Namespace

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A .NET Library aimed at helping you get up to speed quickly with Authorize.NET GatewayRequest.

Gets or sets the duplicate window - the am.

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

C#

public string DuplicateWindow { get; set; }

Visual Basic

Public Property DuplicateWindow As String
Get
Set

Visual C++

public:
virtual property String^ DuplicateWindow { String^ get () sealed;
void set (String^ value) sealed;
}

Field Value

The duplicate window.

Implements

IGatewayRequest:::..DuplicateWindow
See Also

GatewayRequest Class
AuthorizeNet Namespace

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A .NET Library aimed at helping you get up to speed quickly with Authorize.NET GatewayRequest...Duty Property

GatewayRequest Class See Also Send Feedback

Gets or sets the duty.

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
## Syntax

### C#

```csharp
public string Duty { get; set; }
```

### Visual Basic

```vbnet
Public Property Duty As String
    Get
    Set
```

### Visual C++

```cpp
public:
    virtual property String^ Duty {
        String^ get () sealed;
        void set (String^ value) sealed;
    }
```

## Field Value

The duty.

## Implements

IGatewayRequest:::Duty
See Also

GatewayRequest Class
AuthorizeNet Namespace

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GatewayRequest.EcheckType Property

Gets or sets the type of the echeck.

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

C#

public EcheckType EcheckType { get; set; }

Visual Basic

Public Property EcheckType As EcheckType
Get
Set

Visual C++

public:
virtual property EcheckType EcheckType { EcheckType get () sealed;
void set (EcheckType value) sealed; }

Field Value

The type of the echeck.

Implements

IGatewayRequest,..,..,EcheckType
See Also

GatewayRequest Class
AuthorizeNet Namespace

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Email Property

Gets or sets the email.

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

C#

public string Email { get; set; }

Visual Basic

Public Property Email As String
    Get
    Set

Visual C++

public:
    virtual property String^ Email {
        String^ get () sealed;
        void set (String^ value) sealed;
    }

Field Value

The email.

Implements

IGatewayRequest::Email
See Also

GatewayRequest Class
AuthorizeNet Namespace

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**GatewayRequest**. EmailCustomer Property

**GatewayRequest Class See Also Send Feedback**

Gets or sets the email customer.

**Namespace:** AuthorizeNet

**Assembly:** AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

C#

```csharp
public string EmailCustomer { get; set; }
```

Visual Basic

```vbnet
Public Property EmailCustomer As String
    Get
        Set
    End Property
```

Visual C++

```cpp
public:
virtual property String^ EmailCustomer { 
    String^ get () sealed;
    void set (String^ value) sealed;
} 
```

Field Value

The email customer.

Implements

IGatewayRequest::::EmailCustomer
See Also

GatewayRequest Class
AuthorizeNet Namespace

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GatewayRequest...:.EncapChar Property

GatewayRequest Class  See Also  Send Feedback

Gets or sets the encap char.

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

C#

public string EncapChar { get; set; }

Visual Basic

Public Property EncapChar As String
    Get
    Set

Visual C++

public:
    virtual property String^ EncapChar {
        String^ get () sealed;
        void set (String^ value) sealed;
    }

Field Value

The encap char.

Implements

IGatewayRequest:::EncapChar
See Also

GatewayRequest Class
AuthorizeNet Namespace

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**GatewayRequest..ExpDate Property**

GatewayRequest Class  [See Also]  [Send Feedback]

Gets or sets the exp date.

**Namespace:** AuthorizeNet

**Assembly:** AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

C#

public string ExpDate { get; set; }

Visual Basic

Public Property ExpDate As String
    Get
        String
    End Get
    Set

Visual C++

public:
    virtual property String^ ExpDate {
        String^ get () sealed;
        void set (String^ value) sealed;
    }

Field Value

The exp date.

Implements

IGatewayRequest:::ExpDate
See Also

GatewayRequest Class
AuthorizeNet Namespace

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GatewayRequest...:..Fax Property

GatewayRequest Class See Also Send Feedback

Gets or sets the fax.

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

C#

public string Fax { get; set; }

Visual Basic

Public Property Fax As String
    Get
        Set

Visual C++

public:
    virtual property String^ Fax {
        String^ get () sealed;
        void set (String^ value) sealed;
    }

Field Value

The fax.

Implements

IGatewayRequest:::Fax
See Also

GatewayRequest Class
AuthorizeNet Namespace

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GatewayRequest......FirstName Property

GatewayRequest Class See Also Send Feedback

Gets or sets the first name.

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

C#

public string FirstName { get; set; }

Visual Basic

Public Property FirstName As String
Get
Set

Visual C++

public:
virtual property String^ FirstName { String^ get () sealed;
void set (String^ value) sealed;
}

Field Value

The first name.

Implements

IGatewayRequest...FirstName
See Also

GatewayRequest Class
AuthorizeNet Namespace

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**FooterEmailReceipt Property**

Gets or sets the footer email receipt.

**Namespace:** AuthorizeNet  
**Assembly:** AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

C#

public string FooterEmailReceipt { get; set; }

Visual Basic

Public Property FooterEmailReceipt As String
    Get
    Set

Visual C++

public:
    virtual property String^ FooterEmailReceipt {
        String^ get () sealed;
        void set (String^ value) sealed;
    }

Field Value

The footer email receipt.

Implements

IGatewayRequest, IGatewayRequest...FooterEmailReceipt
See Also

GatewayRequest Class
AuthorizeNet Namespace

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GatewayRequest..:.Freight Property

GatewayRequest Class See Also Send Feedback

Gets or sets the freight.

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

C#

public string Freight { get; set; }

Visual Basic

Public Property Freight As String
    Get
        String
    Set

Visual C++

public:
virtual property String^ Freight {
    String^ get () sealed;
    void set (String^ value) sealed;
}

Field Value

The freight.

Implements

IGatewayRequest:::Freight
See Also

GatewayRequest Class
AuthorizeNet Namespace

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Gets or sets the header email receipt.

**Namespace:** AuthorizeNet  
**Assembly:** AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

C#

public string HeaderEmailReceipt { get; set; }

Visual Basic

Public Property HeaderEmailReceipt As String
    Get
        Set

Visual C++

public:
virtual property String^ HeaderEmailReceipt {
    String^ get () sealed;
    void set (String^ value) sealed;
}

Field Value

The header email receipt.

Implements

IGatewayRequest::..HeaderEmailReceipt
See Also

GatewayRequest Class
AuthorizeNet Namespace

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InvoiceNum Property

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

C#

public string InvoiceNum { get; set; }

Visual Basic

Public Property InvoiceNum As String
Get
Set

Visual C++

public:
virtual property String^ InvoiceNum {
String^ get () sealed;
void set (String^ value) sealed;
}

Field Value

The invoice num.

Implements

IGatewayRequest:::InvoiceNum
See Also

GatewayRequest Class
AuthorizeNet Namespace

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Gets or sets the last name.

**Namespace:** AuthorizeNet
**Assembly:** AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

C#

public string LastName { get; set; }

Visual Basic

Public Property LastName As String
    Get
    Set

Visual C++

public:
    virtual property String^ LastName {
        String^ get () sealed;
        void set (String^ value) sealed;
    }

Field Value

The last name.

Implements

IGatewayRequest::..LastName
See Also

GatewayRequest Class
AuthorizeNet Namespace

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LineItem Property

Gets or sets the line item.

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

C#

public string LineItem { get; set; }

Visual Basic

Public Property LineItem As String
    Get
    Set

Visual C++

public:
    virtual property String^ LineItem {
        String^ get () sealed;
        void set (String^ value) sealed;
    }

Field Value

The line item.

Implements

IGatewayRequest..., LineItem
See Also

GatewayRequest Class
AuthorizeNet Namespace

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GatewayRequest.....Login Property

Gets or sets the login.

**Namespace:** AuthorizeNet

**Assembly:** AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
### Syntax

#### C#

```csharp
public string Login { get; set; }
```

#### Visual Basic

```vbnet
Public Property Login As String
    Get
    Set
```

#### Visual C++

```cpp
public:
virtual property String^ Login {
    String^ get () sealed;
    void set (String^ value) sealed;
}
```

### Field Value

The login.

### Implements

`IGatewayRequest::Login`
See Also

GatewayRequest Class
AuthorizeNet Namespace

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*GatewayRequest*: `Method Property`  
*GatewayRequest Class* [See Also](#) **Send Feedback**

Gets or sets the method.

**Namespace**: AuthorizeNet  
**Assembly**: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
## Syntax

### C#

```csharp
public string Method { get; set; }
```

### Visual Basic

```vbnet
Public Property Method As String
Get
Set
```

### Visual C++

```cpp
public:
virtual property String^ Method {
    String^ get () sealed;
    void set (String^ value) sealed;
}
```

## Field Value

The method.

## Implements

IGatewayRequest::<Method>
See Also

GatewayRequest Class
AuthorizeNet Namespace

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GatewayRequest.

Gets or sets the phone.

**Namespace:** AuthorizeNet

**Assembly:** AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
## Syntax

### C#

```csharp
public string Phone { get; set; }
```

### Visual Basic

```vbnet
Public Property Phone As String
    Get
    Set
```

### Visual C++

```cpp
public: 
    virtual property String^ Phone {
        String^ get () sealed;
        void set (String^ value) sealed;
    }
```

## Field Value

The phone.

## Implements

IGatewayRequest:::Phone
See Also

GatewayRequest Class
AuthorizeNet Namespace

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GatewayRequest..:.PoNum Property

GatewayRequest Class See Also Send Feedback

Gets or sets the po number.

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

C#

```csharp
public string PoNum { get; set; }
```

Visual Basic

```vbscript
Public Property PoNum As String
    Get
    Set
```

Visual C++

```cpp
public:
    virtual property String^ PoNum {
        String^ get () sealed;
        void set (String^ value) sealed;
    }
```

Field Value

The po num.

Implements

IGatewayRequest::PoNum
See Also

GatewayRequest Class
AuthorizeNet Namespace

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GatewayRequest...Post Property

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

C#

public Dictionary<string, string> Post { get; set; }

Visual Basic

Public Property Post As Dictionary(Of String, String)
    Get
    Set

Visual C++

public:
virtual property Dictionary<String^, String^>^ Post { 
    Dictionary<String^, String^>^ get () sealed;
    void set (Dictionary<String^, String^>^ value) sealed;
}

Implements

IGatewayRequest:::..Post
See Also

GatewayRequest Class
AuthorizeNet Namespace

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GatewayRequest.RecurringBilling Property

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0

Gets or sets the recurring billing.
**Syntax**

**C#**

```csharp
public string RecurringBilling { get; set; }
```

**Visual Basic**

```vbnet
Public Property RecurringBilling As String
    Get
    Set
```

**Visual C++**

```cpp
public:
    virtual property String^ RecurringBilling { 
        String^ get () sealed; 
        void set (String^ value) sealed; 
    }
```

**Field Value**

The recurring billing.

**Implements**

`IGatewayRequest:::RecurringBilling`
See Also

GatewayRequest Class
AuthorizeNet Namespace

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GatewayRequest. RelayResponse Property

GatewayRequest Class See Also Send Feedback

Gets or sets the relay response.

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

C#

public string RelayResponse { get; set; }

Visual Basic

Public Property RelayResponse As String
Get
Set

Visual C++

public:
virtual property String^ RelayResponse {
   String^ get () sealed;
   void set (String^ value) sealed;
}

Field Value

The relay response.

Implements

IGatewayRequest:::..RelayResponse
See Also

GatewayRequest Class
AuthorizeNet Namespace

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Gets or sets the ship to address.

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
**Syntax**

**C#**

```csharp
public string ShipToAddress { get; set; }
```

**Visual Basic**

```vbnet
Public Property ShipToAddress As String
    Get
    Set
```

**Visual C++**

```cpp
public:
    virtual property String^ ShipToAddress {
        String^ get () sealed;
        void set (String^ value) sealed;
    }
```

**Field Value**

The ship to address.

**Implements**

`IGatewayRequest:::ShipToAddress`
See Also

GatewayRequest Class
AuthorizeNet Namespace

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GatewayRequest.ShipToCity Property

[GatewayRequest Class](#) [See Also](#) [Send Feedback](#)

Gets or sets the ship to city.

**Namespace:** AuthorizeNet

**Assembly:** AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
### Syntax

**C#**

```csharp
public string ShipToCity { get; set; }
```

**Visual Basic**

```vbnet
Public Property ShipToCity As String
    Get
    Set
```

**Visual C++**

```cpp
public:
virtual property String^ ShipToCity {
    String^ get () sealed;
    void set (String^ value) sealed;
}
```

**Field Value**

The ship to city.

**Implements**

```csharp
IGatewayRequest::ShipToCity
```
See Also

GatewayRequest Class
AuthorizeNet Namespace

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**ShipToCompany Property**

Gets or sets the ship to company.

**Namespace:** AuthorizeNet

**Assembly:** AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

C#

public string ShipToCompany { get; set; }

Visual Basic

Public Property ShipToCompany As String
    Get
        String
    Set

Visual C++

public:
    virtual property String^ ShipToCompany { String^ get () sealed;
    void set (String^ value) sealed;
}

Field Value

The ship to company.

Implements

IGatewayRequest::<ShipToCompany
See Also

GatewayRequest Class
AuthorizeNet Namespace

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**GatewayRequest.ShipToCountry Property**

*GatewayRequest Class  See Also  Send Feedback*

Gets or sets the ship to country.

**Namespace:** AuthorizeNet

**Assembly:** AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

C#

```csharp
public string ShipToCountry { get; set; }
```

Visual Basic

```vbnet
Public Property ShipToCountry As String
    Get
    Set
```

Visual C++

```c++
public:
    virtual property String^ ShipToCountry {
        String^ get () sealed;
        void set (String^ value) sealed;
    }
```

Field Value

The ship to country.

Implements

`IGatewayRequest::ShipToCountry`
See Also

GatewayRequest Class
AuthorizeNet Namespace

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GatewayRequest.ShipToFirstName Property

GatewayRequest Class See Also Send Feedback

Gets or sets the first name of the ship to.

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

C#

public string ShipToFirstName { get; set; }

Visual Basic

Public Property ShipToFirstName As String
Get
Set

Visual C++

public:
virtual property String^ ShipToFirstName { 
String^ get () sealed;
void set (String^ value) sealed;
}

Field Value

The first name of the ship to.

Implements

IGatewayRequest..::.ShipToFirstName
See Also

GatewayRequest Class
AuthorizeNet Namespace

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GatewayRequest.ShipToLastName Property

Gets or sets the last name of the ship to.

**Namespace:** AuthorizeNet

**Assembly:** AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

C#

public string ShipToLastName { get; set; }

Visual Basic

Public Property ShipToLastName As String
   Get
      Set

Visual C++

public:
   virtual property String ^ ShipToLastName { 
      String ^ get () sealed;
      void set (String ^ value) sealed;
   }

Field Value

The last name of the ship to.

Implements

IGatewayRequest:::ShipToLastName
See Also

GatewayRequest Class
AuthorizeNet Namespace

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GatewayRequest.ShipToState Property

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0

Gets or sets the state of the ship to.
Syntax

C#

```csharp
public string ShipToState { get; set; }
```

Visual Basic

```vbnet
Public Property ShipToState As String
    Get
    Set
```

Visual C++

```cpp
public:
    virtual property String^ ShipToState {
        String^ get () sealed;
        void set (String^ value) sealed;
    }
```

Field Value

The state of the ship to.

Implements

```csharp
IGatewayRequest,:::ShipToState
```
See Also

GatewayRequest Class
AuthorizeNet Namespace

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**ShipToZip Property**

*GatewayRequest Class* See Also Send Feedback

Gets or sets the ship to zip.

**Namespace:** AuthorizeNet

**Assembly:** AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

C#

public string ShipToZip { get; set; }

Visual Basic

Public Property ShipToZip As String
    Get
    Set

Visual C++

public:
virtual property String^ ShipToZip {
    String^ get () sealed;
    void set (String^ value) sealed;
}

Field Value

The ship to zip.

Implements

IGatewayRequest:::..ShipToZip
See Also

GatewayRequest Class
AuthorizeNet Namespace

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SplitTenderId Property

```
GatewayRequest.SpliT TenderId

Gets or sets the split tender id.

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
### Syntax

**C#**

```csharp
public string SplitTenderId { get; set; }
```

**Visual Basic**

```vbnet
Public Property SplitTenderId As String
    Get
        ...
    Set
        ...
```

**Visual C++**

```c++
public: 
virtual property String^ SplitTenderId {
    String^ get () sealed; 
    void set (String^ value) sealed; 
}
```

### Field Value

The split tender id.

### Implements

`IGatewayRequest:::SplitTenderId`
See Also

GatewayRequest Class
AuthorizeNet Namespace

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**GatewayRequest.....State Property**

- **Namespace:** AuthorizeNet
- **Assembly:** AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0

Gets or sets the state.
Syntax

C#

public string State { get; set; }

Visual Basic

Public Property State As String
Get
Set

Visual C++

public:
virtual property String^ State {
    String^ get () sealed;
    void set (String^ value) sealed;
}

Field Value

The state.

Implements

IGatewayRequest:::State
See Also

GatewayRequest Class
AuthorizeNet Namespace

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GatewayRequest Class  See Also  Send Feedback

Gets or sets the tax.

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

C#

public string Tax { get; set; }

Visual Basic

Public Property Tax As String
    Get
    Set

Visual C++

public:
virtual property String^ Tax {
    String^ get () sealed;
    void set (String^ value) sealed;
}

Field Value

The tax.

Implements

IGatewayRequest,:::,Tax
See Also

GatewayRequest Class
AuthorizeNet Namespace

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GatewayRequest..:.TaxExempt Property

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0

Gets or sets the tax exempt.
Syntax

C#

public string TaxExempt { get; set; }

Visual Basic

Public Property TaxExempt As String
    Get
    Set

Visual C++

public:
    virtual property String^ TaxExempt {
        String^ get () sealed;
        void set (String^ value) sealed;
    }

Field Value

The tax exempt.

Implements

IGatewayRequest:::TaxExempt
See Also

GatewayRequest Class
AuthorizeNet Namespace

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**GatewayRequest.TestRequest Property**

See Also: [GatewayRequest Class](#) [See Also](#) [Send Feedback](#)

Gets or sets the test request.

**Namespace:** AuthorizeNet

**Assembly:** AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

C#

```csharp
public string TestRequest { get; set; }
```

Visual Basic

```vbnet
Public Property TestRequest As String
    Get
    Set
```

Visual C++

```cpp
public:
virtual property String^ TestRequest {
    String^ get () sealed;
    void set (String^ value) sealed;
}
```

Field Value

The test request.

Implements

```csharp
IGatewayRequest,...,TestRequest
```
See Also

GatewayRequest Class
AuthorizeNet Namespace

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GatewayRequest..:.TranKey Property

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

**C#**

```csharp
public string TranKey { get; set; }
```

**Visual Basic**

```vbnet
Public Property TranKey As String
    Get
        String
    Set
```

**Visual C++**

```cpp
public:
    virtual property String^ TranKey {
        String^ get () sealed;
        void set (String^ value) sealed;
    }
```

**Field Value**

The tran key.

**Implements**

`IGatewayRequest::TranKey`
See Also

GatewayRequest Class
AuthorizeNet Namespace

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GatewayRequest Class See Also Send Feedback

Gets or sets the trans id.

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

C#

public string TransId { get; set; }

Visual Basic

Public Property TransId As String
Get
Set

Visual C++

public:
virtual property String^ TransId {
    String^ get () sealed;
    void set (String^ value) sealed;
}

Field Value

The trans id.

Implements

IGatewayRequest:::..TransId
See Also

GatewayRequest Class
AuthorizeNet Namespace

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GatewayRequest...Type Property

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0

Gets or sets the type.
Syntax

C#

public string Type { get; set; }

Visual Basic

Public Property Type As String
    Get
    Set

Visual C++

public:
    virtual property String^ Type {
        String^ get () sealed;
        void set (String^ value) sealed;
    }

Field Value

The type.

Implements

IGatewayRequest::Type
See Also

GatewayRequest Class
AuthorizeNet Namespace

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GatewayRequest..:.Version Property

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0

Gets or sets the version.
C#

public string Version { get; set; }

Visual Basic

Public Property Version As String
    Get
    Set

Visual C++

public:
virtual property String^ Version {
    String^ get () sealed;
    void set (String^ value) sealed;
}

Field Value

The version.

Implements

IGatewayRequest::Version
See Also

GatewayRequest Class
AuthorizeNet Namespace

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GatewayRequest.Zip Property

Gets or sets the zip.

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

C#

public string Zip { get; set; }

Visual Basic

Public Property Zip As String
    Get
    Set

Visual C++

public:
virtual property String^ Zip {
    String^ get () sealed;
    void set (String^ value) sealed;
}

Field Value

The zip.

Implements

IGatewayRequest:::..Zip
See Also

GatewayRequest Class
AuthorizeNet Namespace

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GatewayResponse Class

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

C#

public class GatewayResponse : ResponseBase, IGatewayResponse

Visual Basic

Public Class GatewayResponse_
    Inherits ResponseBase_
    Implements IGatewayResponse

Visual C++

public ref class GatewayResponse : public ResponseBase, IGatewayResponse
Inheritance Hierarchy

System..::..Object
AuthorizeNet..::..ResponseBase
AuthorizeNet..::..GatewayResponse
See Also

GatewayResponse Members
AuthorizeNet Namespace

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GatewayResponse Members

GatewayResponse Class Constructors Methods Fields Properties See Also Send Feedback

The GatewayResponse type exposes the following members.
## Constructors

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>GatewayResponse</td>
<td>Initializes a new instance of the <a href="#">GatewayResponse</a> class</td>
</tr>
</tbody>
</table>
## Methods

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Equals</strong></td>
<td>Determines whether the specified <code>Object</code> is equal to the current <code>Object</code>. (Inherited from <code>Object</code>.)</td>
</tr>
<tr>
<td><strong>FindByValue</strong></td>
<td>(Inherited from <code>ResponseBase</code>.)</td>
</tr>
<tr>
<td><strong>GetHashCode</strong></td>
<td>Serves as a hash function for a particular type. (Inherited from <code>Object</code>.)</td>
</tr>
<tr>
<td><strong>GetType</strong></td>
<td>Gets the <code>Type</code> of the current instance. (Inherited from <code>Object</code>.)</td>
</tr>
<tr>
<td><strong>ToString</strong></td>
<td>(Inherited from <code>ResponseBase</code>.)</td>
</tr>
</tbody>
</table>
## Fields

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>RawResponse</td>
<td>(Inherited from ResponseBase.)</td>
</tr>
</tbody>
</table>
## Properties

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Address</td>
<td></td>
</tr>
<tr>
<td>Amount</td>
<td></td>
</tr>
<tr>
<td>Approved</td>
<td></td>
</tr>
<tr>
<td>AuthorizationCode</td>
<td></td>
</tr>
<tr>
<td>AVSResponse</td>
<td></td>
</tr>
<tr>
<td>CardNumber</td>
<td></td>
</tr>
<tr>
<td>CardType</td>
<td></td>
</tr>
<tr>
<td>CAVResponse</td>
<td></td>
</tr>
<tr>
<td>CCVResponse</td>
<td></td>
</tr>
<tr>
<td>City</td>
<td></td>
</tr>
<tr>
<td>Code</td>
<td></td>
</tr>
<tr>
<td>Company</td>
<td></td>
</tr>
<tr>
<td>Country</td>
<td></td>
</tr>
<tr>
<td>Declined</td>
<td></td>
</tr>
<tr>
<td>Description</td>
<td></td>
</tr>
<tr>
<td>Email</td>
<td></td>
</tr>
<tr>
<td>Error</td>
<td></td>
</tr>
<tr>
<td>FirstName</td>
<td></td>
</tr>
<tr>
<td>HeldForReview</td>
<td></td>
</tr>
<tr>
<td>InvoiceNumber</td>
<td></td>
</tr>
<tr>
<td>LastName</td>
<td></td>
</tr>
<tr>
<td>MD5Hash</td>
<td></td>
</tr>
<tr>
<td>Message</td>
<td></td>
</tr>
<tr>
<td>Method</td>
<td></td>
</tr>
<tr>
<td>ResponseCode</td>
<td></td>
</tr>
<tr>
<td>ShipAddress</td>
<td></td>
</tr>
<tr>
<td>ShipCity</td>
<td></td>
</tr>
<tr>
<td>ShipCompany</td>
<td></td>
</tr>
</tbody>
</table>
See Also

GatewayResponse Class
AuthorizeNet Namespace

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GatewayResponse Constructor

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

C#

```csharp
public GatewayResponse(
    string[] rawResponse
)
```

Visual Basic

```vbnet
Public Sub New (_
    rawResponse As String() _
)
```

Visual C++

```cpp
public:
GatewayResponse(
    array<String^>^ rawResponse
)
```

Parameters

rawResponse
  Type: array<System..::.String>[]()[[]]
See Also

GatewayResponse Class
AuthorizeNet Namespace

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GatewayResponse Fields

The GatewayResponse type exposes the following members.
<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>RawResponse</td>
<td>(Inherited from ResponseBase.)</td>
</tr>
</tbody>
</table>
See Also

GatewayResponse Class
AuthorizeNet Namespace

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The GatewayResponse type exposes the following members.
## Methods

<table>
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<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
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</tr>
<tr>
<td><strong>FindByValue</strong></td>
<td>(Inherited from <a href="#">ResponseBase</a>.)</td>
</tr>
<tr>
<td><strong>GetHashCode</strong></td>
<td>Serves as a hash function for a particular type. (Inherited from <a href="#">Object</a>.)</td>
</tr>
<tr>
<td><strong>GetType</strong></td>
<td>Gets the <a href="#">Type</a> of the current instance. (Inherited from <a href="#">Object</a>.)</td>
</tr>
<tr>
<td><strong>ToString</strong></td>
<td>(Inherited from <a href="#">ResponseBase</a>.)</td>
</tr>
</tbody>
</table>
See Also

GatewayResponse Class
AuthorizeNet Namespace

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GatewayResponse Properties

The GatewayResponse type exposes the following members.
## Properties

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Address</td>
<td></td>
</tr>
<tr>
<td>Amount</td>
<td></td>
</tr>
<tr>
<td>Approved</td>
<td></td>
</tr>
<tr>
<td>AuthorizationCode</td>
<td></td>
</tr>
<tr>
<td>AVSResponse</td>
<td></td>
</tr>
<tr>
<td>CardNumber</td>
<td></td>
</tr>
<tr>
<td>CardType</td>
<td></td>
</tr>
<tr>
<td>CAVResponse</td>
<td></td>
</tr>
<tr>
<td>CCVResponse</td>
<td></td>
</tr>
<tr>
<td>City</td>
<td></td>
</tr>
<tr>
<td>Code</td>
<td></td>
</tr>
<tr>
<td>Company</td>
<td></td>
</tr>
<tr>
<td>Country</td>
<td></td>
</tr>
<tr>
<td>Declined</td>
<td></td>
</tr>
<tr>
<td>Description</td>
<td></td>
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<tr>
<td>Email</td>
<td></td>
</tr>
<tr>
<td>Error</td>
<td></td>
</tr>
<tr>
<td>FirstName</td>
<td></td>
</tr>
<tr>
<td>HeldForReview</td>
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<tr>
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<td>Method</td>
<td></td>
</tr>
<tr>
<td>ResponseCode</td>
<td></td>
</tr>
<tr>
<td>ShipAddress</td>
<td></td>
</tr>
<tr>
<td>ShipCity</td>
<td></td>
</tr>
<tr>
<td>ShipCompany</td>
<td></td>
</tr>
</tbody>
</table>
See Also

GatewayResponse Class
AuthorizeNet Namespace

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GatewayResponse...: Address Property

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

C#

```csharp
public string Address { get; }
```

Visual Basic

```vbnet
Public ReadOnly Property Address As String
    Get
```

Visual C++

```cpp
public:
    property String^ Address { 
        String^ get ();
    }
```
See Also

GatewayResponse Class
AuthorizeNet Namespace

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GatewayResponse:::Amount Property

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

C#

public decimal Amount { get; }

Visual Basic

Public ReadOnly Property Amount As Decimal
Get

Visual C++

public:
virtual property Decimal Amount {
    Decimal get () sealed;
}

Implements

IGatewayResponse,:::Amount
See Also

GatewayResponse Class
AuthorizeNet Namespace

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GatewayResponse...: Approved Property

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
## Syntax

**C#**

```csharp
public bool Approved { get; }
```

**Visual Basic**

```vbnet
Public ReadOnly Property Approved As Boolean
Get
```

**Visual C++**

```cpp
public:
virtual property bool Approved {
    bool get () sealed;
}
```

**Implements**

`IGatewayResponse::Approved`
See Also

GatewayResponse Class
AuthorizeNet Namespace

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$\text{GatewayResponse}\ldots\text{AuthorizationCode Property}$

Namespace: **AuthorizeNet**

Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

C#

public string AuthorizationCode { get; }

Visual Basic

Public ReadOnly Property AuthorizationCode As String
    Get

Visual C++

public:
virtual property String^ AuthorizationCode { 
    String^ get () sealed;
}

Implements

IGatewayResponse::AuthorizationCode
See Also

GatewayResponse Class
AuthorizeNet Namespace

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GatewayResponse...::AVSResponse Property

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
### Syntax

**C#**

```csharp
public string AVSResponse { get; }
```

**Visual Basic**

```vbnet
Public ReadOnly Property AVSResponse As String
    Get
    End Get
```

**Visual C++**

```cpp
public:
    property String^ AVSResponse { 
        String^ get ();
    }
```
See Also

GatewayResponse Class
AuthorizeNet Namespace

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GatewayResponse.......CardNumber Property

**Namespace:** AuthorizeNet  
**Assembly:** AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

**C#**

public string CardNumber { get; }

**Visual Basic**

Public ReadOnly Property CardNumber As String
Get

**Visual C++**

public:
virtual property String^ CardNumber {
    String^ get () sealed;
}

**Implements**

IGatewayResponse..::..CardNumber
See Also

GatewayResponse Class
AuthorizeNet Namespace

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CardType Property

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

C#

public string CardType { get; }

Visual Basic

Public ReadOnly Property CardType As String
Get

Visual C++

public:
property String^ CardType {
    String^ get ();
}
See Also

GatewayResponse Class
AuthorizeNet Namespace

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GatewayResponse......CAVResponse Property

GatewayResponse Class See Also Send Feedback

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

C#

public string CAVResponse { get; }

Visual Basic

Public ReadOnly Property CAVResponse As String
    Get
        
    
Visual C++

public:
    property String^ CAVResponse {
        String^ get ();
    }
See Also

GatewayResponse Class
AuthorizeNet Namespace

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C# Visual Basic
Visual C++

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GatewayResponse...: CCVResponse Property

GatewayResponse Class See Also Send Feedback

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

C#
public string CCVResponse { get; }

Visual Basic
Public ReadOnly Property CCVResponse As String
Get

Visual C++
public:
property String^ CCVResponse {
    String^ get ();
}
See Also

GatewayResponse Class
AuthorizeNet Namespace

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GatewayResponse.....City Property

**Namespace:** AuthorizeNet

**Assembly:** AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

**C#**

```csharp
public string City { get; }
```

**Visual Basic**

```vbnet
Public ReadOnly Property City As String
Get
```

**Visual C++**

```cpp
public:
property String^ City {
    String^ get ();
}
```
See Also

GatewayResponse Class
AuthorizeNet Namespace

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GatewayResponse:::Code Property

GatewayResponse Class  See Also  Send Feedback

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
## Syntax

### C#

public int Code { get; }

### Visual Basic

Public ReadOnly Property Code As Integer
    Get
        ...
    End Get

### Visual C++

public:
    property int Code {
        int get();
    }


See Also

GatewayResponse Class
AuthorizeNet Namespace
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**GatewayResponse**

*Company Property*

**GatewayResponse Class**

[See Also](#) [Send Feedback](#)
# Syntax

**C#**

```csharp
public string Company { get; }
```

**Visual Basic**

```vbnet
Public ReadOnly Property Company As String
    Get
    ' ...
```

**Visual C++**

```cpp
public:
    property String^ Company { String^ get ();
    }
```
See Also

GatewayResponse Class
AuthorizeNet Namespace

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**Country Property**

**Namespace:** AuthorizeNet

**Assembly:** AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
### Syntax

**C#**

```csharp
public string Country { get; }
```

**Visual Basic**

```vbnet
Public ReadOnly Property Country As String
    Get
```

**Visual C++**

```cpp
public:
    property String^ Country {
        String^ get ();
    }
```
See Also

GatewayResponse Class
AuthorizeNet Namespace

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namespace AuthorizeNet
assembly AuthorizeNet (in AuthorizeNet.dll) version: 0.0.0.0
Syntax

C#

```csharp
public bool Declined { get; }
```

Visual Basic

```vbnet
Public ReadOnly Property Declined As Boolean
   Get
```

Visual C++

```cpp
public:
   property bool Declined {
      bool get ();
   }
```
See Also

GatewayResponse Class
AuthorizeNet Namespace

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GatewayResponse

Description Property

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

C#

public string Description { get; }

Visual Basic

Public ReadOnly Property Description As String
    Get

Visual C++

public:
    property String^ Description {
        String^ get ();
    }
See Also

GatewayResponse Class
AuthorizeNet Namespace

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GatewayResponse...Email Property

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

C#

public string Email { get; }

Visual Basic

Public ReadOnly Property Email As String
  Get

Visual C++

public:
property String^ Email {
            String^ get ();
}

See Also

GatewayResponse Class
AuthorizeNet Namespace

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Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

C#

public bool Error { get; }

Visual Basic

Public ReadOnly Property Error As Boolean
Get

Visual C++

public:
property bool Error {
    bool get ();
}

See Also

GatewayResponse Class
AuthorizeNet Namespace

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Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

C#

public string FirstName { get; }

Visual Basic

Public ReadOnly Property FirstName As String
    Get

Visual C++

public:
    property String^ FirstName { String^ get (); }

}
See Also

GatewayResponse Class
AuthorizeNet Namespace

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HeldForReview Property

**GatewayResponse Class**  See Also  Send Feedback

**Namespace:** [AuthorizeNet](#)

**Assembly:** AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

C#

public bool HeldForReview { get; }

Visual Basic

Public ReadOnly Property HeldForReview As Boolean
Get

Visual C++

public:
property bool HeldForReview {
    bool get ();
}

See Also

GatewayResponse Class
AuthorizeNet Namespace

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Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

C#

```csharp
public string InvoiceNumber { get; }
```

Visual Basic

```vbnet
Public ReadOnly Property InvoiceNumber As String
Get
```

Visual C++

```cpp
public:
virtual property String^ InvoiceNumber { 
  String^ get () sealed;
}
```

Implements

```csharp
IGatewayResponse..::..InvoiceNumber
```
See Also

GatewayResponse Class
AuthorizeNet Namespace

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GatewayResponse......LastName Property

GatewayResponse Class See Also Send Feedback

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

C#

public string LastName { get; }

Visual Basic

Public ReadOnly Property LastName As String
    Get

Visual C++

public:
    property String^ LastName {
        String^ get ();
    }

See Also

GatewayResponse Class
AuthorizeNet Namespace

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A .NET Library aimed at helping you get up to speed quickly with Authorize.NET GatewayResponse...MD5Hash Property

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

C#

public string MD5Hash { get; }

Visual Basic

Public ReadOnly Property MD5Hash As String
    Get

Visual C++

public:
    property String^ MD5Hash {
        String^ get ()
    }
See Also

GatewayResponse Class
AuthorizeNet Namespace

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GatewayResponse.Message Property

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

**C#**

```csharp
public string Message { get; }
```

**Visual Basic**

```vbnet
Public ReadOnly Property Message As String
Get
End Get
```

**Visual C++**

```cpp
public:
virtual property String^ Message {
    String^ get () sealed;
}
```

**Implements**

```cpp
IGatewayResponse::::Message
```
See Also

GatewayResponse Class
AuthorizeNet Namespace

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GatewayResponse Method

GatewayResponse Class

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
**Syntax**

**C#**

```csharp
public string Method { get; }
```

**Visual Basic**

```vbnet
Public Readonly Property Method As String
    Get
```

**Visual C++**

```cpp
public:
    property String^ Method {
        String^ get ();
    }
```
See Also

GatewayResponse Class
AuthorizeNet Namespace

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GatewayResponse......ResponseCode Property

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

**C#**

```csharp
public string ResponseCode { get; }
```

**Visual Basic**

```vbnet
Public Readonly Property ResponseCode As String
    Get
```

**Visual C++**

```cpp
public:
virtual property String^ ResponseCode { 
    String^ get () sealed;
}
```

**Implements**

`IGatewayResponse::::ResponseCode`
See Also

GatewayResponse Class
AuthorizeNet Namespace

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**ShipAddress Property**

**Namespace:** AuthorizeNet

**Assembly:** AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

**C#**

```csharp
public string ShipAddress { get; }
```

**Visual Basic**

```vbnet
Public ReadOnly Property ShipAddress As String
    Get
    End Get
```

**Visual C++**

```cpp
public:
    property String^ ShipAddress { 
        String^ get ();
    }
    
```
See Also

GatewayResponse Class
AuthorizeNet Namespace

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`GatewayResponse.ShipCity Property`

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

C#

public string ShipCity { get; }

Visual Basic

Public ReadOnly Property ShipCity As String
Get

Visual C++

public:
property String^ ShipCity {
    String^ get ();
}

See Also

GatewayResponse Class
AuthorizeNet Namespace

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GatewayResponse...ShipCompany Property

Namespaces: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

**C#**

```csharp
public string ShipCompany { get; }
```

**Visual Basic**

```vbnet
Public ReadOnly Property ShipCompany As String
    Get
```

**Visual C++**

```cpp
public:
    property String^ ShipCompany { String^ get (); }
```
See Also

GatewayResponse Class
AuthorizeNet Namespace

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See Also: ShipCountry Property

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

C#

public string ShipCountry { get; }

Visual Basic

Public ReadOnly Property ShipCountry As String
Get

Visual C++

public:
property String^ ShipCountry { 
    String^ get ();
}
See Also

GatewayResponse Class
AuthorizeNet Namespace

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GatewayResponse...ShipFirstName Property

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
## Syntax

**C#**

```
public string ShipFirstName { get; }
```

**Visual Basic**

```
Public ReadOnly Property ShipFirstName As String
    Get
```

**Visual C++**

```
public:
    property String^ ShipFirstName {
        String^ get ();
    }
```
See Also

GatewayResponse Class
AuthorizeNet Namespace

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GatewayResponse.

ShipLastName Property

**GatewayResponse Class** See Also Send Feedback

**Namespace:** AuthorizeNet

**Assembly:** AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

C#

public string ShipLastName { get; }

Visual Basic

Public ReadOnly Property ShipLastName As String
    Get
        String ShipLastName
    End Get

Visual C++

public:
    property String^ ShipLastName { 
        String^ get ();
    }
See Also

GatewayResponse Class
AuthorizeNet Namespace

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GatewayResponse....ShipState Property

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
**Syntax**

C#

```csharp
public string ShipState { get; }
```

Visual Basic

```vbnet
Public ReadOnly Property ShipState As String
Get
End Property
```

Visual C++

```cpp
public:
property String^ ShipState {
    String^ get ();
}
```
See Also

GatewayResponse Class
AuthorizeNet Namespace

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GatewayResponse.....ShipZipCode Property

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

C#

public string ShipZipCode { get; }

Visual Basic

Public ReadOnly Property ShipZipCode As String
Get

Visual C++

public:
property String^ ShipZipCode {
    String^ get ();
}
See Also

GatewayResponse Class
AuthorizeNet Namespace

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GatewayResponse...State Property

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

C#

public string State { get; }

Visual Basic

Public ReadOnly Property State As String
    Get
        String State
        String get ();
    }

Visual C++

public:
    property String^ State {
        String^ get ();
    }
See Also

GatewayResponse Class
AuthorizeNet Namespace

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**Namespace:** AuthorizeNet

**Assembly:** AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

C#

public int SubCode { get; }

Visual Basic

Public ReadOnly Property SubCode As Integer
    Get

Visual C++

public:
  property int SubCode {
    int get ();
  }
See Also

GatewayResponse Class
AuthorizeNet Namespace

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GatewayResponse... Tax Property

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

C#

public decimal Tax { get; }

Visual Basic

Public ReadOnly Property Tax As Decimal
Get

Visual C++

public:
property Decimal Tax {
    Decimal get ();
}
See Also

GatewayResponse Class
AuthorizeNet Namespace

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GatewayResponse....TransactionID Property

**Namespace:** AuthorizeNet  
**Assembly:** AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

C#

public string TransactionID { get; }

Visual Basic

Public ReadOnly Property TransactionID As String
Get

Visual C++

public:
virtual property String^ TransactionID { String^ get () sealed;
}

Implements

IGatewayResponse:::TransactionID
See Also

GatewayResponse Class
AuthorizeNet Namespace

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GatewayResponse...TransactionType Property

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

C#

public string TransactionType { get; }

Visual Basic

Public ReadOnly Property TransactionType As String
    Get

Visual C++

public:
    property String^ TransactionType {
        String^ get ();
    }
See Also

GatewayResponse Class
AuthorizeNet Namespace

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GatewayResponse......ZipCode Property

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

C#

public string ZipCode { get; }

Visual Basic

Public ReadOnly Property ZipCode As String
Get

Visual C++

public:
property String^ ZipCode { 
String^ get ();
}
See Also

GatewayResponse Class
AuthorizeNet Namespace

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This class posts the XML Form to Authorize.NET

**Namespace:** AuthorizeNet

**Assembly:** AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

C#

public class HttpXmlUtility

Visual Basic

Public Class HttpXmlUtility

Visual C++

public ref class HttpXmlUtility
Inheritance Hierarchy

System::Object
AuthorizeNet::HttpXmlUtility
See Also

HttpXmlUtility Members
AuthorizeNet Namespace

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HttpXmlUtility Members

The **HttpXmlUtility** type exposes the following members.
## Constructors

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>HttpXmlUtility</td>
<td>Initializes a new instance of the HttpXmlUtility class.</td>
</tr>
</tbody>
</table>
## Methods

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Equal</td>
<td>Determines whether the specified Object is equal to the current Object.</td>
</tr>
<tr>
<td>GetHashCode</td>
<td>Serves as a hash function for a particular type.</td>
</tr>
<tr>
<td>GetType</td>
<td>Gets the Type of the current instance.</td>
</tr>
<tr>
<td>Send</td>
<td>Sends the specified API request.</td>
</tr>
<tr>
<td>ToString</td>
<td>Returns a String that represents the current Object.</td>
</tr>
<tr>
<td>Name</td>
<td>Description</td>
</tr>
<tr>
<td>-------</td>
<td>-------------</td>
</tr>
<tr>
<td>TEST_URL</td>
<td></td>
</tr>
<tr>
<td>URL</td>
<td></td>
</tr>
</tbody>
</table>
See Also

HttpXmlUtility Class
AuthorizeNet Namespace

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HttpXmlUtility Constructor

HttpXmlUtility Class See Also Send Feedback

Initializes a new instance of the HttpXmlUtility class.

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

C#

```csharp
public HttpXmlUtility(
    ServiceMode mode,
    string apiLogin,
    string transactionKey
)
```

Visual Basic

```vbnet
Public Sub New ( _
    mode As ServiceMode, _
    apiLogin As String, _
    transactionKey As String _
)
```

Visual C++

```cpp
public:
HttpXmlUtility(
    ServiceMode mode,
    String^ apiLogin,
    String^ transactionKey
)
```

Parameters

mode
Type: `AuthorizeNet...::ServiceMode`
The mode.

apiLogin
Type: `System...::String`
The API login.

transactionKey
Type: `System...::String`
The transaction key.
See Also

HttpXmlUtility Class
AuthorizeNet Namespace

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HttpXmlUtility Fields

The **HttpXmlUtility** type exposes the following members.
## Fields

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>TEST_URL</td>
<td></td>
</tr>
<tr>
<td>URL</td>
<td></td>
</tr>
</tbody>
</table>
See Also

HttpXmlUtility Class
AuthorizeNet Namespace

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`HttpXmlUtility` field `TEST_URL` Field

`HttpXmlUtility` Class See Also Send Feedback

**Namespace:** [AuthorizeNet](#)

**Assembly:** AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
**Syntax**

**C#**

```csharp
public const string TEST_URL
```

**Visual Basic**

```vbnet
Public Const TEST_URL As String
```

**Visual C++**

```cpp
public:
    literal String^ TEST_URL
```
See Also

HttpXmlUtility Class
AuthorizeNet Namespace

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HttpContext URL Field

HttpContext Class See Also Send Feedback

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

C#

public const string URL

Visual Basic

Public Const URL As String

Visual C++

public:
    literal String^ URL
See Also

HttpXmlUtility Class
AuthorizeNet Namespace

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HttpXmlUtility Methods

HttpXmlUtility Class See Also Send Feedback

The HttpXmlUtility type exposes the following members.
## Methods

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Equals</td>
<td>Determines whether the specified <strong>Object</strong> is equal to the current <strong>Object</strong>. (Inherited from <strong>Object</strong>.)</td>
</tr>
<tr>
<td>GetHashCode</td>
<td>Serves as a hash function for a particular type. (Inherited from <strong>Object</strong>.)</td>
</tr>
<tr>
<td>GetType</td>
<td>Gets the <strong>Type</strong> of the current instance. (Inherited from <strong>Object</strong>.)</td>
</tr>
<tr>
<td>Send</td>
<td>Sends the specified API request.</td>
</tr>
<tr>
<td>ToString</td>
<td>Returns a <strong>String</strong> that represents the current <strong>Object</strong>. (Inherited from <strong>Object</strong>.)</td>
</tr>
</tbody>
</table>
See Also

HttpXmlUtility Class
AuthorizeNet Namespace

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HttpXmlUtility...Send Method

HttpXmlUtility Class See Also Send Feedback

Sends the specified API request.

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
### Syntax

**C#**

```csharp
public ANetApiResponse Send(
    ANetApiRequest apiRequest
)
```

**Visual Basic**

```vbnet
Public Function Send ( _
    apiRequest As ANetApiRequest _
) As ANetApiResponse
```

**Visual C++**

```cpp
public:
ANetApiResponse^ Send(
    ANetApiRequest^ apiRequest
)
```

### Parameters

`apiRequest`

- **Type:** ANetApiRequest
- The API request.

### Return Value
See Also

HttpXmlUtility Class
AuthorizeNet Namespace

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ICardPresentGateway Interface

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

C#

public interface ICardPresentGateway

Visual Basic

Public Interface ICardPresentGateway

Visual C++

public interface class ICardPresentGateway
See Also

ICardPresentGateway Members
AuthorizeNet Namespace

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ICardPresentGateway Members

The **ICardPresentGateway** type exposes the following members.
# Methods

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Send</td>
<td></td>
</tr>
</tbody>
</table>
See Also

ICardPresentGateway Interface
AuthorizeNet Namespace

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ICardPresentGateway Methods

The ICardPresentGateway type exposes the following members.
# Methods

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Send</td>
<td></td>
</tr>
</tbody>
</table>
See Also

ICardPresentGateway Interface
AuthorizeNet Namespace

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ICardPresentGateway.....Send Method

**Namespace:** AuthorizeNet  
**Assembly:** AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

**C#**

```csharp
IGatewayResponse Send(
    IGatewayRequest request,
    string description
)
```

**Visual Basic**

```vbnet
Function Send ( _
    request As IGatewayRequest, _
    description As String _
) As IGatewayResponse
```

**Visual C++**

```cpp
IGatewayResponse^ Send(
    IGatewayRequest^ request,
    String^ description
)
```

**Parameters**

- **request**
  - Type: `AuthorizeNet::IGatewayRequest`

- **description**
  - Type: `System::String`
See Also

ICardPresentGateway Interface
AuthorizeNet Namespace

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ICustomerGateway Interface

Namesake: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

C#

public interface ICustomerGateway

Visual Basic

Public Interface ICustomerGateway

Visual C++

public interface class ICustomerGateway
See Also

ICustomerGateway Members
AuthorizeNet Namespace

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ICustomerGateway Members

The **ICustomerGateway** type exposes the following members.
<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>AddCreditCard(String, String, Int32, Int32, String)</td>
<td></td>
</tr>
<tr>
<td>AddCreditCard(String, String, Int32, Int32, String, Address)</td>
<td></td>
</tr>
<tr>
<td>AddShippingAddress(String, Address)</td>
<td></td>
</tr>
<tr>
<td>AddShippingAddress(String, String, String, String, String, String, String, String)</td>
<td></td>
</tr>
<tr>
<td>Authorize(Order)</td>
<td></td>
</tr>
<tr>
<td>Authorize(String, String, Decimal)</td>
<td></td>
</tr>
<tr>
<td>Authorize(String, String, Decimal, Decimal, Decimal)</td>
<td></td>
</tr>
<tr>
<td>AuthorizeAndCapture(Order)</td>
<td></td>
</tr>
<tr>
<td>AuthorizeAndCapture(String, String, Decimal)</td>
<td></td>
</tr>
<tr>
<td>AuthorizeAndCapture(String, String, Decimal, Decimal, Decimal)</td>
<td></td>
</tr>
<tr>
<td>Capture</td>
<td></td>
</tr>
<tr>
<td>CreateCustomer</td>
<td></td>
</tr>
<tr>
<td>DeleteCustomer</td>
<td></td>
</tr>
<tr>
<td>DeletePaymentProfile</td>
<td></td>
</tr>
<tr>
<td>DeleteShippingAddress</td>
<td></td>
</tr>
<tr>
<td>GetCustomer</td>
<td></td>
</tr>
<tr>
<td>GetCustomerIDs</td>
<td></td>
</tr>
<tr>
<td>GetShippingAddress</td>
<td></td>
</tr>
<tr>
<td>Refund</td>
<td></td>
</tr>
<tr>
<td>UpdateCustomer</td>
<td></td>
</tr>
<tr>
<td>UpdatePaymentProfile</td>
<td></td>
</tr>
<tr>
<td>UpdateShippingAddress</td>
<td></td>
</tr>
<tr>
<td>ValidateProfile(String, String)</td>
<td></td>
</tr>
<tr>
<td>ValidateProfile(String, String, ServiceMode)</td>
<td></td>
</tr>
<tr>
<td>ValidateProfile(String, String, String, ServiceMode)</td>
<td></td>
</tr>
<tr>
<td>Void</td>
<td></td>
</tr>
</tbody>
</table>
See Also

ICustomerGateway Interface
AuthorizeNet Namespace

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ICustomerGateway Methods

ICustomerGateway Interface See Also Send Feedback

The ICustomerGateway type exposes the following members.
### Methods

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>AddCreditCard(String, String, Int32, Int32, String)</td>
<td></td>
</tr>
<tr>
<td>AddCreditCard(String, String, Int32, Int32, String, Address)</td>
<td></td>
</tr>
<tr>
<td>AddShippingAddress(String, Address)</td>
<td></td>
</tr>
<tr>
<td>AddShippingAddress(String, String, String, String, String, String, String, String)</td>
<td></td>
</tr>
<tr>
<td>Authorize(Order)</td>
<td></td>
</tr>
<tr>
<td>Authorize(String, String, Decimal)</td>
<td></td>
</tr>
<tr>
<td>Authorize(String, String, Decimal, Decimal, Decimal)</td>
<td></td>
</tr>
<tr>
<td>AuthorizeAndCapture(Order)</td>
<td></td>
</tr>
<tr>
<td>AuthorizeAndCapture(String, String, Decimal)</td>
<td></td>
</tr>
<tr>
<td>AuthorizeAndCapture(String, String, Decimal, Decimal, Decimal)</td>
<td></td>
</tr>
<tr>
<td>Capture</td>
<td></td>
</tr>
<tr>
<td>CreateCustomer</td>
<td></td>
</tr>
<tr>
<td>DeleteCustomer</td>
<td></td>
</tr>
<tr>
<td>DeletePaymentProfile</td>
<td></td>
</tr>
<tr>
<td>DeleteShippingAddress</td>
<td></td>
</tr>
<tr>
<td>GetCustomer</td>
<td></td>
</tr>
<tr>
<td>GetCustomerIDs</td>
<td></td>
</tr>
<tr>
<td>GetShippingAddress</td>
<td></td>
</tr>
<tr>
<td>Refund</td>
<td></td>
</tr>
<tr>
<td>UpdateCustomer</td>
<td></td>
</tr>
<tr>
<td>UpdatePaymentProfile</td>
<td></td>
</tr>
<tr>
<td>UpdateShippingAddress</td>
<td></td>
</tr>
<tr>
<td>ValidateProfile(String, String)</td>
<td></td>
</tr>
<tr>
<td>ValidateProfile(String, String, ServiceMode)</td>
<td></td>
</tr>
<tr>
<td>ValidateProfile(String, String, String, ServiceMode)</td>
<td></td>
</tr>
<tr>
<td>Void</td>
<td></td>
</tr>
</tbody>
</table>
See Also

ICustomerGateway Interface
AuthorizeNet Namespace

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C# Visual Basic
Visual C++
Include Protected Members
Include Inherited Members

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ICustomerGateway AddCreditCard Method

ICustomerGateway Interface See Also Send Feedback
## Overload List

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>AddCreditCard(String, String, Int32, Int32, String)</td>
<td></td>
</tr>
<tr>
<td>AddCreditCard(String, String, Int32, Int32, String, Address)</td>
<td></td>
</tr>
</tbody>
</table>
See Also

ICustomerGateway Interface
ICustomerGateway Members
AuthorizeNet Namespace

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ICustomerGateway.AddCreditCard Method (String, String, Int32, Int32, String)

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
C#

```csharp
string AddCreditCard(
    string profileID,
    string cardNumber,
    int expirationMonth,
    int expirationYear,
    string cardCode
)
```

Visual Basic

```vbnet
Function AddCreditCard ( _
    profileID As String, _
    cardNumber As String, _
    expirationMonth As Integer, _
    expirationYear As Integer, _
    cardCode As String _
) As String
```

Visual C++

```cpp
String^ AddCreditCard(
    String^ profileID,
    String^ cardNumber,
    int expirationMonth,
    int expirationYear,
    String^ cardCode
)
```

Parameters

profileID
   Type: System::...String

cardNumber
   Type: System::...String
expirationMonth
  Type: System..Int32

expirationYear
  Type: System..Int32

cardCode
  Type: System..String
See Also

ICustomerGateway Interface
AddCreditCard Overload
AuthorizeNet Namespace

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ICustomerGateway.AddCreditCard Method (String, String, Int32, Int32, String, Address)

See Also Send Feedback

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

C#

```csharp
string AddCreditCard(
    string profileID,
    string cardNumber,
    int expirationMonth,
    int expirationYear,
    string cardCode,
    Address billToAddress
)
```

Visual Basic

```vbnet
Function AddCreditCard ( _
    profileID As String, _
    cardNumber As String, _
    expirationMonth As Integer, _
    expirationYear As Integer, _
    cardCode As String, _
    billToAddress As Address _
) As String
```

Visual C++

```cpp
String^ AddCreditCard(
    String^ profileID,
    String^ cardNumber,
    int expirationMonth,
    int expirationYear,
    String^ cardCode,
    Address^ billToAddress
)
```

Parameters

profileID
   Type: System::String

cardNumber
Type: **System:::String**

expirationMonth
Type: **System:::Int32**

expirationYear
Type: **System:::Int32**

cardCode
Type: **System:::String**

billToAddress
Type: **AuthorizeNet:::Address**
See Also

ICustomerGateway Interface
AddCreditCard Overload
AuthorizeNet Namespace

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ICustomerGateway::AddShippingAddress Method
ICustomerGateway Interface See Also Send Feedback
<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>AddShippingAddress(String, Address)</td>
<td></td>
</tr>
<tr>
<td>AddShippingAddress(String, String, String, String, String, String, String, String, String)</td>
<td></td>
</tr>
</tbody>
</table>
See Also

ICustomerGateway Interface
ICustomerGateway Members
AuthorizeNet Namespace

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ICustomerGateway::AddShippingAddress Method (String, Address)

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

C#

```csharp
string AddShippingAddress(
    string profileID,
    Address address
)
```

Visual Basic

```vbnet
Function AddShippingAddress ( _
    profileID As String, _
    address As Address _
) As String
```

Visual C++

```cpp
String^ AddShippingAddress( 
    String^ profileID, 
    Address^ address 
)
```

Parameters

profileID
Type: System::String

address
Type: AuthorizeNet::Address
See Also

ICustomerGateway Interface
AddShippingAddress Overload
AuthorizeNet Namespace

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ICustomerGateway::AddShippingAddress Method (String, String, String, String, String, String, String, String, String)

ICustomerGateway Interface See Also Send Feedback

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

C#

```csharp
string AddShippingAddress(
    string profileID,
    string first,
    string last,
    string street,
    string city,
    string state,
    string zip,
    string country,
    string phone
)
```

Visual Basic

```vbnet
Function AddShippingAddress (_,
    profileID As String, _,
    first As String, _,
    last As String, _,
    street As String, _,
    city As String, _,
    state As String, _,
    zip As String, _,
    country As String, _,
    phone As String _
) As String
```

Visual C++

```cpp
String^ AddShippingAddress(
    String^ profileID,
    String^ first,
    String^ last,
    String^ street,
    String^ city,
    String^ state,
    String^ zip,
    String^ country,
    String^ phone
)
```
Parameters

profileID
  Type: System::String

first
  Type: System::String

last
  Type: System::String

street
  Type: System::String

city
  Type: System::String

state
  Type: System::String

zip
  Type: System::String

country
  Type: System::String

phone
  Type: System::String
See Also

ICustomerGateway Interface
AddShippingAddress Overload
AuthorizeNet Namespace

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ICustomerGateway Interface See Also Send Feedback
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ICustomerGateway Interface
ICustomerGateway Members
AuthorizeNet Namespace

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ICustomerGateway::Authorize Method (Order)

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

C#

```csharp
IGatewayResponse Authorize(
    Order order
)
```

Visual Basic

```vbnet
Function Authorize ( _
    order As Order _
) As IGatewayResponse
```

Visual C++

```cpp
IGatewayResponse^ Authorize( _
    Order^ order
)
```

Parameters

order

Type: AuthorizeNet::Order
See Also

ICustomerGateway Interface
Authorize Overload
AuthorizeNet Namespace

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ICustomerGateway:::Authorize Method (String, String, Decimal)

ICustomerGateway Interface See Also Send Feedback

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

C#

`IGatewayResponse Authorize(
    string profileID,
    string paymentProfileID,
    decimal amount
)`

Visual Basic

Function Authorize (_
    profileID As String, _
    paymentProfileID As String, _
    amount As Decimal _
) As IGatewayResponse

Visual C++

`IGatewayResponse^ Authorize(
    String^ profileID,
    String^ paymentProfileID,
    Decimal amount
)`

Parameters

profileID
  Type: `System:::String`

paymentProfileID
  Type: `System:::String`

amount
  Type: `System:::Decimal`
See Also

ICustomerGateway Interface
Authorize Overload
AuthorizeNet Namespace

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ICustomerGateway...:::Authorize Method (String, String, Decimal, Decimal, Decimal)

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

C#

```csharp
IGatewayResponse Authorize(
    string profileID,
    string paymentProfileID,
    decimal amount,
    decimal tax,
    decimal shipping
)
```

Visual Basic

Function Authorize ( _
    profileID As String, _
    paymentProfileID As String, _
    amount As Decimal, _
    tax As Decimal, _
    shipping As Decimal _
) As IGatewayResponse

Visual C++

```cpp
IGatewayResponse^ Authorize(  
    String^ profileID,  
    String^ paymentProfileID,  
    Decimal amount,  
    Decimal tax,  
    Decimal shipping
)
```

Parameters

profileID
  Type: System::...String

paymentProfileID
  Type: System::...String
amount  
Type: System:::Decimal

tax  
Type: System:::Decimal

shipping  
Type: System:::Decimal
See Also

ICustomerGateway Interface
Authorize Overload
AuthorizeNet Namespace

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ICustomerGateway Interface See Also Send Feedback
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ICustomerGateway Interface
ICustomerGateway Members
AuthorizeNet Namespace

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`ICustomerGateway.AuthorizeAndCapture Method (Order)`

`ICustomerGateway Interface See Also Send Feedback`
Syntax

C#

```csharp
IGatewayResponse AuthorizeAndCapture(
    Order order
)
```

Visual Basic

```vbnet
Function AuthorizeAndCapture ( _
    order As Order _
) As IGatewayResponse
```

Visual C++

```cpp
IGatewayResponse^ AuthorizeAndCapture(
    Order^ order
)
```

Parameters

order

Type: AuthorizeNet::Order
See Also

ICustomerGateway Interface
AuthorizeAndCapture Overload
AuthorizeNet Namespace

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ICustomerGateway..::.AuthorizeAndCapture Method (String, String, Decimal)

Namespace: AuthorizeNet  
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
### Syntax

#### C#

```csharp
IGatewayResponse AuthorizeAndCapture(
    string profileID,
    string paymentProfileID,
    decimal amount
)
```

#### Visual Basic

```vbscript
Function AuthorizeAndCapture (_
    profileID As String, _
    paymentProfileID As String, _
    amount As Decimal _
) As IGatewayResponse
```

#### Visual C++

```cpp
IGatewayResponse^ AuthorizeAndCapture(
    String^ profileID,
    String^ paymentProfileID,
    Decimal amount
)
```

### Parameters

- **profileID**
  - Type: System::String

- **paymentProfileID**
  - Type: System::String

- **amount**
  - Type: System::Decimal
See Also

ICustomerGateway Interface
AuthorizeAndCapture Overload
AuthorizeNet Namespace

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ICustomerGateway::AuthorizeAndCapture Method (String, String, Decimal, Decimal)

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

C#

```
IGatewayResponse AuthorizeAndCapture(
    string profileID,
    string paymentProfileID,
    decimal amount,
    decimal tax,
    decimal shipping
)
```

Visual Basic

```
Function AuthorizeAndCapture (_
    profileID As String, _
    paymentProfileID As String, _
    amount As Decimal, _
    tax As Decimal, _
    shipping As Decimal _
) As IGatewayResponse
```

Visual C++

```
IGatewayResponse^ AuthorizeAndCapture(
    String^ profileID,
    String^ paymentProfileID,
    Decimal amount,
    Decimal tax,
    Decimal shipping
)
```

Parameters

profileID
  Type: System::String

paymentProfileID
  Type: System::String
amount
    Type: System.Decimal

tax
    Type: System.Decimal

shipping
    Type: System.Decimal
See Also

ICustomerGateway Interface
AuthorizeAndCapture Overload
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ICustomerGateway::Capture Method

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

C#

IGatewayResponse Capture(
    string profileID,
    string paymentProfileId,
    string cardCode,
    decimal amount,
    string approvalCode
)

Visual Basic

Function Capture (_
    profileID As String, _
    paymentProfileId As String, _
    cardCode As String, _
    amount As Decimal, _
    approvalCode As String _
) As IGatewayResponse

Visual C++

IGatewayResponse^ Capture(
    String^ profileID,
    String^ paymentProfileId,
    String^ cardCode,
    Decimal^ amount,
    String^ approvalCode
)

Parameters

profileID
    Type: System::String

paymentProfileId
    Type: System::String
cardCode
  Type: System:::String

amount
  Type: System:::Decimal

approvalCode
  Type: System:::String
See Also

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AuthorizeNet Namespace

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ICustomerGateway...:..CreateCustomer Method

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
## Syntax

### C#

```
Customer CreateCustomer(
    string email,
    string description
)
```

### Visual Basic

```
Function CreateCustomer ( _
    email As String, _
    description As String _
) As Customer
```

### Visual C++

```
Customer^ CreateCustomer( 
    String^ email, 
    String^ description 
)
```

## Parameters

- **email**
  - Type: `System:::String`

- **description**
  - Type: `System:::String`
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ICustomerGateway Interface
AuthorizeNet Namespace

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ICustomerGateway Interface

DeleteCustomer Method

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

C#

```c#
bool DeleteCustomer(
    string profileID
)
```

Visual Basic

```vbnet
Function DeleteCustomer ( _
    profileID As String _
) As Boolean
```

Visual C++

```cpp
bool DeleteCustomer(
    String^ profileID
)
```

Parameters

profileID
Type: `System::String`
See Also

ICustomerGateway Interface
AuthorizeNet Namespace

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ICustomerGateway.DeletePaymentProfile Method

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
### Syntax

**C#**

```csharp
bool DeletePaymentProfile(
    string profileID,
    string paymentProfileID
)
```

**Visual Basic**

Function DeletePaymentProfile (
    profileID As String, 
    paymentProfileID As String 
) As Boolean

**Visual C++**

```cpp
bool DeletePaymentProfile(
    String^ profileID, 
    String^ paymentProfileID
)
```

### Parameters

- **profileID**
  Type: `System:::String`

- **paymentProfileID**
  Type: `System:::String`
See Also

ICustomerGateway Interface
AuthorizeNet Namespace

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ICustomerGateway..::..DeleteShippingAddress Method
ICustomerGateway Interface See Also Send Feedback

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

**C#**

```csharp
bool DeleteShippingAddress(
    string profileID,
    string shippingAddressID
)
```

**Visual Basic**

```vbnet
Function DeleteShippingAddress ( _
    profileID As String, _
    shippingAddressID As String _
) As Boolean
```

**Visual C++**

```cpp
bool DeleteShippingAddress(
    String^ profileID,
    String^ shippingAddressID
)
```

**Parameters**

**profileID**
- Type: `System..::.String`

**shippingAddressID**
- Type: `System..::.String`
See Also

ICustomerGateway Interface
AuthorizeNet Namespace

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ICustomerGateway:::GetCustomer Method

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

C#

```csharp
Customer GetCustomer(
    string profileID
)
```

Visual Basic

```vbnet
Function GetCustomer ( _
    profileID As String _
) As Customer
```

Visual C++

```cpp
Customer^ GetCustomer(
    String^ profileID
)
```

Parameters

profileID

Type: System::String
See Also

ICustomerGateway Interface
AuthorizeNet Namespace

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ICustomerGateway...:::GetCustomerIDs Method

ICustomerGateway Interface See Also Send Feedback

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

**C#**

```csharp
string[] GetCustomerIDs()
```

**Visual Basic**

Function GetCustomerIDs As String()

**Visual C++**

```cpp
array<String>^ GetCustomerIDs()
```
See Also

ICustomerGateway Interface
AuthorizeNet Namespace

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ICustomerGateway.Setup.GetShippingAddress Method

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

C#

```csharp
Address GetShippingAddress(
    string profileID,
    string shippingAddressID
)
```

Visual Basic

```vbnet
Function GetShippingAddress ( _
    profileID As String, _
    shippingAddressID As String _
) As Address
```

Visual C++

```cpp
Address GetShippingAddress(
    String profileID,
    String shippingAddressID
)
```

Parameters

profileID
  Type: System::String

shippingAddressID
  Type: System::String
See Also

ICustomerGateway Interface
AuthorizeNet Namespace

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ICustomerGateway:::Refund Method

ICustomerGateway Interface See Also Send Feedback

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

C#

```csharp
IGatewayResponse Refund(
    string profileID,
    string paymentProfileId,
    string approvalCode,
    string transactionId,
    decimal amount
)
```

Visual Basic

```vb
Function Refund ( _
    profileID As String, _
    paymentProfileId As String, _
    approvalCode As String, _
    transactionId As String, _
    amount As Decimal _
) As IGatewayResponse
```

Visual C++

```cpp
IGatewayResponse^ Refund(
    String^ profileID,
    String^ paymentProfileId,
    String^ approvalCode,
    String^ transactionId,
    Decimal amount
)
```

Parameters

profileID
  Type: System::String

paymentProfileId
  Type: System::String
approvalCode
   Type: System:::String

transactionId
   Type: System:::String

amount
   Type: System:::Decimal
See Also

ICustomerGateway Interface
AuthorizeNet Namespace

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C# Visual Basic
☐ Visual C++
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ICustomerGateway:::UpdateCustomer Method
ICustomerGateway Interface See Also Send Feedback

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

C#

```csharp
bool UpdateCustomer(
    Customer customer
)
```

Visual Basic

```vbnet
Function UpdateCustomer ( _
    customer As Customer _
) As Boolean
```

Visual C++

```cpp
bool UpdateCustomer(
    Customer^ customer
)
```

Parameters

customer
   Type:AuthorizeNet::Customer
See Also

ICustomerGateway Interface
AuthorizeNet Namespace

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ICustomerGateway:::UpdatePaymentProfile Method

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

C#

```csharp
bool UpdatePaymentProfile(
    string profileID,
    PaymentProfile profile
)
```

Visual Basic

```vbnet
Function UpdatePaymentProfile (_
    profileID As String, _
    profile As PaymentProfile _
) As Boolean
```

Visual C++

```cpp
bool UpdatePaymentProfile(
    String^ profileID, 
    PaymentProfile^ profile
)
```

Parameters

profileID
  Type: `System::String`

profile
  Type: `AuthorizeNet::PaymentProfile`
See Also

ICustomerGateway Interface
AuthorizeNet Namespace

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ICustomerGateway...:::UpdateShippingAddress Method

ICustomerGateway Interface See Also Send Feedback

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

C#

```csharp
bool UpdateShippingAddress(
    string profileID,
    Address address
)
```

Visual Basic

```vbnet
Function UpdateShippingAddress ( _
    profileID As String, _
    address As Address _
) As Boolean
```

Visual C++

```cpp
bool UpdateShippingAddress(
    String^ profileID,
    Address^ address
)
```

Parameters

profileID
Type: System::String

address
Type: AuthorizeNet::Address
See Also

ICustomerGateway Interface
AuthorizeNet Namespace

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ICustomerGateway::ValidateProfile Method

See Also

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ICustomerGateway Members
AuthorizeNet Namespace

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ICustomerGateway

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

C#

```csharp
string ValidateProfile(
    string profileID,
    string paymentProfileID
)
```

Visual Basic

```vbnet
Function ValidateProfile ( _
    profileID As String, _
    paymentProfileID As String _
) As String
```

Visual C++

```cpp
String^ ValidateProfile(
    String^ profileID,
    String^ paymentProfileID
)
```

Parameters

profileID
Type: System::String

paymentProfileID
Type: System::String
See Also

ICustomerGateway Interface
ValidateProfile Overload
AuthorizeNet Namespace

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ICustomerGateway..::..ValidateProfile Method (String, String, ServiceMode)

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

C#

```csharp
string ValidateProfile(
    string profileID,
    string paymentProfileID,
    ServiceMode mode
)
```

Visual Basic

```vbasic
Function ValidateProfile ( _
    profileID As String, _
    paymentProfileID As String, _
    mode As ServiceMode _
) As String
```

Visual C++

```cpp
String^ ValidateProfile(
    String^ profileID,
    String^ paymentProfileID,
    ServiceMode mode
)
```

Parameters

profileID
   Type: System::String

paymentProfileID
   Type: System::String

mode
   Type: AuthorizeNet::ServiceMode
See Also

ICustomerGateway Interface
ValidateProfile Overload
AuthorizeNet Namespace

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ICustomerGateway:::ValidateProfile Method (String, String, String, ServiceMode)

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

C#

```csharp
string ValidateProfile(
    string profileID,
    string paymentProfileID,
    string shippingAddressID,
    ServiceMode mode
)
```

Visual Basic

```vbnet
Function ValidateProfile (_
    profileID As String, _
    paymentProfileID As String, _
    shippingAddressID As String, _
    mode As ServiceMode _
) As String
```

Visual C++

```cpp
String^ ValidateProfile(
    String^ profileID,
    String^ paymentProfileID,
    String^ shippingAddressID,
    ServiceMode mode
)
```

Parameters

- profileID
  Type: System::String

- paymentProfileID
  Type: System::String

- shippingAddressID
  Type: System::String
mode

Type: AuthorizeNet, ServiceMode
See Also

ICustomerGateway Interface
ValidateProfile Overload
AuthorizeNet Namespace

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ICustomerGateway::Void Method

ICustomerGateway Interface See Also Send Feedback

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

**C#**

```csharp
IGatewayResponse Void(
    string profileID,
    string paymentProfileId,
    string approvalCode,
    string transactionId
)
```

**Visual Basic**

```vbnet
Function Void ( _
    profileID As String, _
    paymentProfileId As String, _
    approvalCode As String, _
    transactionId As String _
) As IGatewayResponse
```

**Visual C++**

```cpp
IGatewayResponse^ Void(
    String^ profileID,
    String^ paymentProfileId,
    String^ approvalCode,
    String^ transactionId
)
```

**Parameters**

- **profileID**
  - Type: `System::String`

- **paymentProfileId**
  - Type: `System::String`

- **approvalCode**
  - Type: `System::String`
transactionId
    Type: System:::String
See Also

ICustomerGateway Interface
AuthorizeNet Namespace

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IGateway Interface

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

C#

public interface IGateway

Visual Basic

Public Interface IGateway

Visual C++

public interface class IGateway
See Also

IGateway Members
AuthorizeNet Namespace

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IGateway Members

The **IGateway** type exposes the following members.
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IGateway Methods

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IGateway...Send Method

IGateway Interface  See Also  Send Feedback
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IGateway Interface
IGateway Members
AuthorizeNet Namespace

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IGateway..::..Send Method (IGatewayRequest)

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

C#

```
IGatewayResponse Send(
    IGatewayRequest request
)
```

Visual Basic

```
Function Send ( _
    request As IGatewayRequest _
) As IGatewayResponse
```

Visual C++

```
IGatewayResponse^ Send(
    IGatewayRequest^ request
)
```

Parameters

request
  Type: AuthorizeNet::..::IGatewayRequest
See Also

IGateway Interface
Send Overload
AuthorizeNet Namespace

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IGateway.Send Method (IGatewayRequest, String)

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
## Syntax

### C#

```csharp
IGatewayResponse Send(
    IGatewayRequest request,
    string description
)
```

### Visual Basic

```vbnet
Function Send ( _
    request As IGatewayRequest, _
    description As String _
) As IGatewayResponse
```

### Visual C++

```cpp
IGatewayResponse^ Send( 
    IGatewayRequest^ request,
    String^ description
)
```

## Parameters

- **request**
  - Type: `AuthorizeNet.....IGatewayRequest`

- **description**
  - Type: `System.....String`
The IGateway type exposes the following members.
## Properties

<table>
<thead>
<tr>
<th>Name</th>
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</tr>
</thead>
<tbody>
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<td></td>
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</tr>
</tbody>
</table>
See Also

IGateway Interface
AuthorizeNet Namespace

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**IGateway.ApiLogin Property**

**Namespace**: AuthorizeNet

**Assembly**: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

C#

```csharp
string ApiLogin { get; set; }
```

Visual Basic

Property ApiLogin As String
Get
Set

Visual C++

```cpp
property String^ ApiLogin {  
    String^ get ();  
    void set (String^ value);  
}
```
See Also

IGateway Interface
AuthorizeNet Namespace

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IGateway.TransactionKey Property

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

C#

```csharp
string TransactionKey { get; set; }
```

Visual Basic

Property TransactionKey As String
   Get
   Set

Visual C++

```c++
property String^ TransactionKey { 
    String^ get ();
    void set (String^ value);
}
```
See Also

IGateway Interface
AuthorizeNet Namespace

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IGatewayRequest Interface

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

C#

public interface IGatewayRequest

Visual Basic

Public Interface IGatewayRequest

Visual C++

public interface class IGatewayRequest
See Also

IGatewayRequest Members
AuthorizeNet Namespace

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IGatewayRequest Members

The **IGatewayRequest** type exposes the following members.
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<tr>
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</tr>
<tr>
<td>AddDuty(Decimal)</td>
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<tr>
<td>AddDuty(Decimal, String, String)</td>
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<tr>
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<tr>
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<tr>
<td>AddMerchantValue</td>
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<tr>
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<tr>
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<tr>
<td>Queue</td>
<td></td>
</tr>
<tr>
<td>ToPostString</td>
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</tr>
</tbody>
</table>
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<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Address</td>
<td></td>
</tr>
<tr>
<td>AllowPartialAuth</td>
<td></td>
</tr>
<tr>
<td>Amount</td>
<td></td>
</tr>
<tr>
<td>ApiAction</td>
<td></td>
</tr>
<tr>
<td>AuthCode</td>
<td></td>
</tr>
<tr>
<td>AuthenticationIndicator</td>
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<tr>
<td>BankABACode</td>
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<td>BankAccountName</td>
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<tr>
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</tr>
<tr>
<td>BankAccountType</td>
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</tr>
<tr>
<td>BankCheckNumber</td>
<td></td>
</tr>
<tr>
<td>BankName</td>
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</tr>
<tr>
<td>CardCode</td>
<td></td>
</tr>
<tr>
<td>CardholderAuthenticationValue</td>
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</tr>
<tr>
<td>CardNum</td>
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<tr>
<td>City</td>
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<tr>
<td>Company</td>
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<tr>
<td>Country</td>
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<tr>
<td>CustId</td>
<td></td>
</tr>
<tr>
<td>CustomerIp</td>
<td></td>
</tr>
<tr>
<td>DelimChar</td>
<td></td>
</tr>
<tr>
<td>DelimData</td>
<td></td>
</tr>
<tr>
<td>Description</td>
<td></td>
</tr>
<tr>
<td>DuplicateWindow</td>
<td></td>
</tr>
<tr>
<td>Duty</td>
<td></td>
</tr>
<tr>
<td>EcheckType</td>
<td></td>
</tr>
<tr>
<td>Email</td>
<td></td>
</tr>
<tr>
<td>EmailCustomer</td>
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</tbody>
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Version

Zip
See Also

IGatewayRequest Interface
AuthorizeNet Namespace

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IGatewayRequest Methods

The IGatewayRequest type exposes the following members.
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</thead>
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<td></td>
<td>AddCustomer</td>
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<td></td>
<td>AddDuty(Decimal)</td>
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<td>AddDuty(Decimal, String, String)</td>
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<tr>
<td></td>
<td>AddFraudCheck()()()()()</td>
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<td></td>
<td>AddFraudCheck(String)</td>
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<td></td>
<td>AddFreight(Decimal)</td>
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<tr>
<td></td>
<td>AddFreight(Decimal, String, String)</td>
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<td></td>
<td>AddInvoice</td>
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<tr>
<td></td>
<td>AddMerchantValue</td>
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<tr>
<td></td>
<td>AddShipping</td>
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</tr>
<tr>
<td></td>
<td>AddTax(Decimal)</td>
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</tr>
<tr>
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<td>AddTax(Decimal, String, String)</td>
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<td></td>
<td>ToPostString</td>
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</tr>
</tbody>
</table>
See Also

IGatewayRequest Interface
AuthorizeNet Namespace

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IGatewayRequest....AddCardCode Method

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

C#

```csharp
IGatewayRequest AddCardCode(
    string cardCode
)
```

Visual Basic

```vbs
Function AddCardCode ( _
    cardCode As String _
) As IGatewayRequest
```

Visual C++

```cpp
IGatewayRequest AddCardCode(
    String cardCode
)
```

Parameters

cardCode
  Type: System::String
See Also

IGatewayRequest Interface
AuthorizeNet Namespace

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IGatewayRequest...AddCustomer Method

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

C#

```csharp
IGatewayRequest AddCustomer(
    string ID,
    string first,
    string last,
    string address,
    string state,
    string zip
)
```

Visual Basic

```vbnet
Function AddCustomer ( _
    ID As String, _
    first As String, _
    last As String, _
    address As String, _
    state As String, _
    zip As String _
) As IGatewayRequest
```

Visual C++

```cpp
IGatewayRequest^ AddCustomer(
    String^ ID,
    String^ first,
    String^ last,
    String^ address,
    String^ state,
    String^ zip
)
```

Parameters

ID
Type: System::String

first
Type: System...String
last
  Type: System...String
address
  Type: System...String
state
  Type: System...String
zip
  Type: System...String
See Also

IGatewayRequest Interface
AuthorizeNet Namespace

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IGatewayRequest.AddDuty Method

IGatewayRequest Interface See Also Send Feedback
## Overload List

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<tr>
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See Also

IGatewayRequest Interface
IGatewayRequest Members
AuthorizeNet Namespace

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IGatewayRequest::AddDuty Method (Decimal)

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

**C#**

```csharp
IGatewayRequest AddDuty(
    decimal amount
)
```

**Visual Basic**

```vbnet
Function AddDuty (_
    amount As Decimal _
) As IGatewayRequest
```

**Visual C++**

```cpp
IGatewayRequest^ AddDuty(
    Decimal amount
)
```

**Parameters**

amount
  Type: System::Decimal
See Also

IGatewayRequest Interface
AddDuty Overload
AuthorizeNet Namespace

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IGatewayRequest...AddDuty Method (Decimal, String, String)

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

C#

```csharp
IGatewayRequest AddDuty(
    decimal amount,
    string name,
    string description
)
```

Visual Basic

```vbnet
Function AddDuty ( _
    amount As Decimal, _
    name As String, _
    description As String _
) As IGatewayRequest
```

Visual C++

```cpp
IGatewayRequest AddDuty(
    Decimal amount,
    String name,
    String description
)
```

Parameters

amount
Type: System::Decimal

name
Type: System::String

description
Type: System::String
See Also

IGatewayRequest Interface
AddDuty Overload
AuthorizeNet Namespace

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IGatewayRequest.AddFraudCheck Method

IGatewayRequest Interface See Also Send Feedback
## Overload List

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IGatewayRequest Interface
IGatewayRequest Members
AuthorizeNet Namespace

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IGatewayRequest...AddFraudCheck Method

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
**Syntax**

**C#**

```csharp
IGatewayRequest AddFraudCheck()
```

**Visual Basic**

```
Function AddFraudCheck As IGatewayRequest
```

**Visual C++**

```cpp
IGatewayRequest^ AddFraudCheck()
```
See Also

IGatewayRequest Interface
AddFraudCheck Overload
AuthorizeNet Namespace

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IGatewayRequest.AddFraudCheck Method (String)

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

C#

```csharp
IGatewayRequest AddFraudCheck(
    string customerIP
)
```

Visual Basic

```vbnet
Function AddFraudCheck ( _
    customerIP As String _
) As IGatewayRequest
```

Visual C++

```cpp
IGatewayRequest^ AddFraudCheck(
    String^ customerIP
)
```

Parameters

customerIP

Type: System::String
See Also

IGatewayRequest Interface
AddFraudCheck Overload
AuthorizeNet Namespace

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`IGatewayRequest` AddFreight Method

See Also: Send Feedback
### Overload List

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<tr>
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<td>AddFreight(Decimal)</td>
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<td>AddFreight(Decimal, String, String)</td>
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</table>
See Also

IGatewayRequest Interface
IGatewayRequest Members
AuthorizeNet Namespace

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IGatewayRequest...AddFreight Method (Decimal)

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

C#

IGatewayRequest AddFreight(
    decimal amount
)

Visual Basic

Function AddFreight ( _
    amount As Decimal _
) As IGatewayRequest

Visual C++

IGatewayRequest^ AddFreight(
    Decimal amount
)

Parameters

amount
    Type: System.Decimal
See Also

IGatewayRequest Interface
AddFreight Overload
AuthorizeNet Namespace

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IGatewayRequest...AddFreight Method (Decimal, String, String)

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

C#

```csharp
IGatewayRequest AddFreight(
    decimal amount,
    string name,
    string description
)
```

Visual Basic

```vbnet
Function AddFreight (_
    amount As Decimal, _
    name As String, _
    description As String _
) As IGatewayRequest
```

Visual C++

```cpp
IGatewayRequest AddFreight(
    Decimal amount,
    String name,
    String description
)
```

Parameters

amount
  Type: System:::Decimal

name
  Type: System:::String

description
  Type: System:::String
See Also

IGatewayRequest Interface
AddFreight Overload
AuthorizeNet Namespace

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IGatewayRequest...AddInvoice Method

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

C#

```csharp
IGatewayRequest AddInvoice(
    string invoiceNumber
)
```

Visual Basic

```vbnet
Function AddInvoice ( _
    invoiceNumber As String _
) As IGatewayRequest
```

Visual C++

```cpp
IGatewayRequest^ AddInvoice(
    String^ invoiceNumber
)
```

Parameters

invoiceNumber
  Type: System::String
See Also

IGatewayRequest Interface
AuthorizeNet Namespace

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IGatewayRequest...AddLineItem Method

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
**Syntax**

**C#**

```csharp
IGatewayRequest AddLineItem(
    string itemID,
    string name,
    string description,
    int quantity,
    decimal price,
    bool taxable
)
```

**Visual Basic**

```vbnet
Function AddLineItem ( _
    itemID As String, _
    name As String, _
    description As String, _
    quantity As Integer, _
    price As Decimal, _
    taxable As Boolean _
) As IGatewayRequest
```

**Visual C++**

```cpp
IGatewayRequest^ AddLineItem(
    String^ itemID,
    String^ name,
    String^ description,
    int quantity,
    Decimal price,
    bool taxable
)
```

**Parameters**

- **itemID**
  - Type: `System::String`

- **name**
Type: System::String

description
   Type: System::String

quantity
   Type: System::Int32

price
   Type: System::Decimal

taxable
   Type: System::Boolean
See Also

IGatewayRequest Interface
AuthorizeNet Namespace

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IGatewayRequest::AddMerchantValue Method

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

C#

`IGatewayRequest AddMerchantValue(
    string key,
    string value
)`

Visual Basic

Function AddMerchantValue ( _
    key As String, _
    value As String _
) As IGatewayRequest

Visual C++

`IGatewayRequest^ AddMerchantValue(
    String^ key,
    String^ value
)`

Parameters

key

Type: `System::String`

value

Type: `System::String`
See Also

IGatewayRequest Interface
AuthorizeNet Namespace

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**IGatewayRequest**: AddShipping Method

**Namespace**: AuthorizeNet

**Assembly**: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

C#

```csharp
IGatewayRequest AddShipping(
    string ID,
    string first,
    string last,
    string address,
    string state,
    string zip
)
```

Visual Basic

```vbnet
Function AddShipping ( _
    ID As String, _
    first As String, _
    last As String, _
    address As String, _
    state As String, _
    zip As String _
) As IGatewayRequest
```

Visual C++

```cpp
IGatewayRequest^ AddShipping(
    String^ ID,
    String^ first,
    String^ last,
    String^ address,
    String^ state,
    String^ zip
)
```

Parameters

ID

Type: System::String

first
Type: System:::String

last
Type: System:::String

address
Type: System:::String

state
Type: System:::String

zip
Type: System:::String
See Also

IGatewayRequest Interface
AuthorizeNet Namespace

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IGatewayRequest...AddTax Method

IGatewayRequest Interface  See Also  Send Feedback
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<tr>
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See Also

IGatewayRequest Interface
IGatewayRequest Members
AuthorizeNet Namespace

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**IGatewayRequest**

`AddTax Method (Decimal)`

**IGatewayRequest Interface**  [See Also](#)  [Send Feedback](#)

**Namespace:** AuthorizeNet  
**Assembly:** AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

C#

IGatewayRequest AddTax(
    decimal amount
)

Visual Basic

Function AddTax ( _
    amount As Decimal _
) As IGatewayRequest

Visual C++

IGatewayRequest^ AddTax(
    Decimal amount
)

Parameters

amount
    Type: System:::Decimal
See Also

IGatewayRequest Interface
AddTax Overload
AuthorizeNet Namespace

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AddTax Method (Decimal, String, String)

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

C#

```csharp
IGatewayRequest AddTax(
    decimal amount,
    string name,
    string description
)
```

Visual Basic

Function AddTax (_
    amount As Decimal, _
    name As String, _
    description As String _
) As IGatewayRequest

Visual C++

```c++
IGatewayRequest^ AddTax(
    Decimal amount,
    String^ name,
    String^ description
)
```

Parameters

- **amount**
  - Type: `System.Decimal`

- **name**
  - Type: `System.String`

- **description**
  - Type: `System.String`
See Also

IGatewayRequest Interface
AddTax Overload
AuthorizeNet Namespace

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IGatewayRequest::Get Method

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

C#

```csharp
string Get(
    string key
)
```

Visual Basic

```vbnet
Function Get ( _
    key As String _
) As String
```

Visual C++

```cpp
String^ Get(
    String^ key
)
```

Parameters

key

Type: `System::String`
See Also

IGatewayRequest Interface
AuthorizeNet Namespace

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IGatewayRequest...Queue Method

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

C#

void Queue(
    string key,
    string value
)

Visual Basic

Sub Queue (_
    key As String, _
    value As String _
)

Visual C++

void Queue(
    String^ key,
    String^ value
)

Parameters

key
    Type: System:::.String

value
    Type: System:::.String
See Also

IGatewayRequest Interface
AuthorizeNet Namespace

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IGatewayRequest...ToPostString Method

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

C#

```csharp
string ToPostString()
```

Visual Basic

```vbnet
Function ToPostString As String
```

Visual C++

```cpp
String ToPostString()
```
See Also

IGatewayRequest Interface
AuthorizeNet Namespace

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IGatewayRequest Properties

The IGatewayRequest type exposes the following members.
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See Also

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IGatewayRequest...Address Property

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

C#

```csharp
string Address { get; set; }
```

Visual Basic

```vbnet
Property Address As String
    Get
    Set
```

Visual C++

```cpp
property String^ Address {
    String^ get ();
    void set (String^ value);
}
```
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See Also: Send Feedback

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
## Syntax

### C#

```csharp
string AllowPartialAuth { get; set; }
```

### Visual Basic

```
Property AllowPartialAuth As String
    Get
    Set
```

### Visual C++

```c++
property String^ AllowPartialAuth { 
    String^ get ();
    void set (String^ value);
}
```
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IGatewayRequest.....Amount Property

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

C#

```csharp
string Amount { get; set; }
```

Visual Basic

Property Amount As String

Get
Set

Visual C++

```c++
property String^ Amount {
    String^ get ();
    void set (String^ value);
}
```
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IGatewayRequest.ApiAction Property

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

C#

```csharp
RequestAction ApiAction { get; }
```

Visual Basic

```vbnet
ReadOnly Property ApiAction As RequestAction
Get
```

Visual C++

```cpp
property RequestAction ApiAction { 
    RequestAction get ();
}
```
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IGatewayRequest.AuthCode Property

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

C#

`string` AuthCode { get; set; }

Visual Basic

Property AuthCode As `String` As String
Get
Set

Visual C++

property `String`^ AuthCode {  
`String`^ get ();  
void set (`String`^ value);
}
See Also

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`IGatewayRequest.AuthenticationIndicator Property`

*Namespace: AuthorizeNet*

*Assembly: AuthorizeNet (in AuthorizeNet.dll)*

Version: 0.0.0.0
## Syntax

### C#

```c#
string AuthenticationIndicator { get; set; }
```

### Visual Basic

```vbnet
Property AuthenticationIndicator As String
Get
Set
```

### Visual C++

```cpp
property String^ AuthenticationIndicator {
    String^ get ();
    void set (String^ value);
}
```
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IGatewayRequest:::BankABACode Property

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

C#

```csharp
string BankABACode { get; set; }
```

Visual Basic

```vbnet
Property BankABACode As String
    Get
    Set
```

Visual C++

```cpp
property String^ BankABACode {
    String^ get ();
    void set (String^ value);
}
```
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IGatewayRequest:::BankAccountName Property

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
**Syntax**

**C#**

```csharp
string BankAccountName { get; set; }
```

**Visual Basic**

Property BankAccountName As String
Get
Set

**Visual C++**

```cpp
property String^ BankAccountName {
    String^ get ();
    void set (String^ value);
}
```
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IGatewayRequest:::BankAccountNumber Property

See Also

See Also

Send Feedback

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
**Syntax**

**C#**

```csharp
string BankAccountNumber { get; set; }
```

**Visual Basic**

```vbnet
Property BankAccountNumber As String
    Get
    Set
```

**Visual C++**

```cpp
property String^ BankAccountNumber {
    String^ get ();
    void set (String^ value);
}
```
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IGatewayRequest::BankAccountType Property

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

C#

BankAccountType BankAccountType { get; set; }

Visual Basic

Property BankAccountType As BankAccountType
    Get
    Set

Visual C++

property BankAccountType BankAccountType {
    BankAccountType get ();
    void set (BankAccountType value);
See Also

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IGatewayRequest.BankCheckNumber Property

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.d11) Version: 0.0.0.0
Syntax

C#

```csharp
string BankCheckNumber { get; set; }
```

Visual Basic

Property BankCheckNumber As String
   Get
   Set

Visual C++

```cpp
property String^ BankCheckNumber { 
    String^ get ();
    void set (String^ value);
}
```
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IGatewayRequest::BankName Property

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

C#

```csharp
string BankName { get; set; }
```

Visual Basic

Property BankName As String
Get
Set

Visual C++

```cpp
property String^ BankName {
    String^ get ();
    void set (String^ value);
}
```
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IGatewayRequest...::CardCode Property

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

C#

string CardCode { get; set; }

Visual Basic

Property CardCode As String
    Get
    Set

Visual C++

property String^ CardCode {
    String^ get ();
    void set (String^ value);
}
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IGatewayRequest:::CardholderAuthenticationValue Property

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

C#

```csharp
string CardholderAuthenticationValue { get; set; }
```

Visual Basic

Property CardholderAuthenticationValue As String
   Get
   Set

Visual C++

```cpp
property String^ CardholderAuthenticationValue { 
   String^ get ();
   void set (String^ value);
}
```
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IGatewayRequest Interface
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IGatewayRequest...:..CardNum Property
IGatewayRequest Interface See Also Send Feedback

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

C#

```csharp
string CardNum { get; set; }
```

Visual Basic

Property CardNum As String
Get
Set

Visual C++

```cpp
property String^ CardNum { 
    String^ get ();
    void set (String^ value);
}
```
See Also

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IGatewayRequest.City Property

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
## Syntax

**C#**

```csharp
string City { get; set; }
```

**Visual Basic**

Property City As String
    Get
    Set

**Visual C++**

```cpp
property String^ City {
    String^ get ();
    void set (String^ value);
}
```
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IGatewayRequest::Company Property

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

C#

```csharp
string Company { get; set; }
```

Visual Basic

```vbnet
Property Company As String
    Get
    Set
```

Visual C++

```cpp
property String^ Company {
    String^ get ();
    void set (String^ value);
}
```
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IGatewayRequest.Country Property

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

C#

```csharp
string Country { get; set; }
```

Visual Basic

```
Property Country As String
    Get
        String
    Set
```

Visual C++

```
property String^ Country {
    String^ get ();
    void set (String^ value);
}
```
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IGatewayRequest...: CustId Property

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

C#

```csharp
string CustId { get; set; }
```

Visual Basic

```vbnet
Property CustId As String
    Get
    Set
```

Visual C++

```cpp
property String^ CustId {
    String^ get ();
    void set (String^ value);
}
```
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IGatewayRequest.CustomerIp Property

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

C#

```
string CustomerIp { get; set; }
```

Visual Basic

```
Property CustomerIp As String
    Get
    Set
```

Visual C++

```
property String^ CustomerIp { 
    String^ get ();
    void set (String^ value);
}
```
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IGatewayRequest...DelimChar Property

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

C#

```csharp
string DelimChar { get; set; }
```

Visual Basic

Property DelimChar As String
Get
Set

Visual C++

```cpp
property String^ DelimChar {
    String^ get ()
    void set (String^ value);
}
```
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IGatewayRequest::DelimData Property

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

C#

`string` DelimData { get; set; }

Visual Basic

Property DelimData As `String`  
Get  
Set

Visual C++

property `String` DelimData {  
`String` get ();  
void set (`String` value);  
}
See Also

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IGatewayRequest::Description Property

**Namespace:** AuthorizeNet

**Assembly:** AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

C#

```csharp
string Description { get; set; }
```

Visual Basic

```vbnet
Property Description As String
    Get
    Set
```

Visual C++

```cpp
property String^ Description { 
    String^ get ();
    void set (String^ value);
}
```
See Also

IGatewayRequest Interface
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DuplicateWindow Property

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

C#

```csharp
string DuplicateWindow { get; set; }
```

Visual Basic

```vbnet
Property DuplicateWindow As String
    Get
    Set
```

Visual C++

```c++
property String^ DuplicateWindow {
    String^ get ();
    void set (String^ value);
}
```
See Also

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IGatewayRequest.Duty Property

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

C#

```csharp
string Duty { get; set; }
```

Visual Basic

```vbnet
Property Duty As String
    Get
        ' Get implementation
    Set
        ' Set implementation
```

Visual C++

```cpp
property String^ Duty {
    String^ get ();
    void set (String^ value);
}
```
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NAMESPACE: AuthorizeNet
ASSEMBLY: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

**C#**

```csharp
EcheckType EcheckType { get; set; }
```

**Visual Basic**

```
Property EcheckType As EcheckType
    Get
    Set
```

**Visual C++**

```cpp
property EcheckType EcheckType {
    EcheckType get ();
    void set (EcheckType value);
}
```
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IGatewayRequest:::Email Property

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
## Syntax

### C#

```csharp
string Email { get; set; }
```

### Visual Basic

Property Email As String
Get
Set

### Visual C++

```cpp
property String^ Email {
    String^ get ();
    void set (String^ value);
}
```
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IGatewayRequest:::EmailCustomer Property

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

C#

```csharp
string EmailCustomer { get; set; }
```

Visual Basic

```vbnet
Property EmailCustomer As String
    Get
    Set
```

Visual C++

```cpp
property String^ EmailCustomer { 
    String^ get (); 
    void set (String^ value); 
}
```
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IGatewayRequest::EncapChar Property

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

C#

```csharp
string EncapChar { get; set; }
```

Visual Basic

```vbnet
Property EncapChar As String
    Get
    Set
```

Visual C++

```cpp
property String^ EncapChar {
    String^ get ();
    void set (String^ value);
}
```
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IGatewayRequest...ExpDate Property

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

C#

```csharp
string ExpDate { get; set; }
```

Visual Basic

```
Property ExpDate As String
    Get
    Set
```

Visual C++

```
property String^ ExpDate {
    String^ get ();
    void set (String^ value);
}
```
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IGatewayRequest......Fax Property

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

C#

```csharp
string Fax { get; set; }
```

Visual Basic

Property Fax As String
    Get
    Set

Visual C++

property String^ Fax {
    String^ get ();
    void set (String^ value);
}
See Also

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IGatewayRequest....FirstName Property

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

C#

```csharp
string FirstName { get; set; }
```

Visual Basic

```vbnet
Property FirstName As String
    Get
    Set
```

Visual C++

```cpp
property String^ FirstName {
    String^ get ();
    void set (String^ value);
}
```
See Also

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IGatewayRequest::FooterEmailReceipt Property

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

C#

```c#
string FooterEmailReceipt { get; set; }
```

Visual Basic

```vbnet
Property FooterEmailReceipt As String
  Get
  Set
```

Visual C++

```cpp
property String^ FooterEmailReceipt {
  String^ get ();
  void set (String^ value);
}
```
See Also

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IGatewayRequest......Freight Property

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

**C#**

```csharp
string Freight { get; set; }
```

**Visual Basic**

Property Freight As String
Get
Set

**Visual C++**

```cpp
property String^ Freight {
    String^ get ();
    void set (String^ value);
}
```
See Also

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IGatewayRequest...HeaderEmailReceipt Property

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

C#

```csharp
string HeaderEmailReceipt { get; set; }
```

Visual Basic

```
Property HeaderEmailReceipt As String
Get
Set
```

Visual C++

```
property String^ HeaderEmailReceipt {
String^ get ();
void set (String^ value);
}
```
See Also

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```
InvoiceNum Property
```

See Also Send Feedback

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
**Syntax**

**C#**

```csharp
string InvoiceNum { get; set; }
```

**Visual Basic**

Property InvoiceNum As String
Get
Set

**Visual C++**

```cpp
property String InvoiceNum {
    String^ get ();
    void set (String^ value);
}
```
See Also

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IGatewayRequest..:.LastName Property

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

C#

```csharp
string LastName { get; set; }
```

Visual Basic

```vbnet
Property LastName As String
    Get
    Set
```

Visual C++

```cpp
property String^ LastName {
    String^ get ();
    void set (String^ value);
}
```
See Also

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Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

C#

```csharp
string LineItem { get; set; }
```

Visual Basic

```vbnet
Property LineItem As String
    Get
    Set
```

Visual C++

```cpp
property String^ LineItem {
    String^ get ();
    void set (String^ value);
}
```
See Also

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IGatewayRequest...Login Property

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

C#

string Login { get; set; }

Visual Basic

Property Login As String
    Get
    Set

Visual C++

property String^ Login {
    String^ get ();
    void set (String^ value);
}
See Also

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IGatewayRequest......Method Property

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
**Syntax**

**C#**

```csharp
string Method { get; set; }
```

**Visual Basic**

```
Property Method As String
  Get
  Set
```

**Visual C++**

```
property String^ Method {
  String^ get ();
  void set (String^ value);
}
```
See Also

IGatewayRequest Interface
AuthorizeNet Namespace

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IGatewayRequest...Phone Property

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

C#

string Phone { get; set; }

Visual Basic

Property Phone As String
    Get
    Set

Visual C++

property String^ Phone {
    String^ get ();
    void set (String^ value);
}
See Also

IGatewayRequest Interface
AuthorizeNet Namespace

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IGatewayRequest::PoNum Property

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

C#

```csharp
string PoNum { get; set; }
```

Visual Basic

Property PoNum As String
Get
Set

Visual C++

```c++
property String^ PoNum {
    String^ get ();
    void set (String^ value);
}
```
See Also

IGatewayRequest Interface
AuthorizeNet Namespace

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IGatewayRequest::Post Property

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

**C#**

```csharp
Dictionary<string, string> Post { get; set; }
```

**Visual Basic**

Property Post As Dictionary(Of String, String)
Get
Set

**Visual C++**

```cpp
property Dictionary<String^, String^>^ Post {
    Dictionary<String^, String^>^ get ();
    void set (Dictionary<String^, String^>^ value);
}
```
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IGatewayRequest..:..RecurringBilling Property

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
## Syntax

**C#**

```csharp
string RecurringBilling { get; set; }
```

**Visual Basic**

Property RecurringBilling As String
Get
Set

**Visual C++**

```cpp
property String^ RecurringBilling {
    String^ get ();
    void set (String^ value);
}
```
See Also

IGatewayRequest Interface
AuthorizeNet Namespace

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IGatewayRequest RelayResponse Property

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
## Syntax

### C#

```csharp
string RelayResponse { get; set; }
```

### Visual Basic

```
Property RelayResponse As String
    Get
    Set
```

### Visual C++

```cpp
property String^ RelayResponse {
    String^ get ();
    void set (String^ value);
}
```
See Also

IGatewayRequest Interface
AuthorizeNet Namespace

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IGatewayRequest....ShipToAddress Property

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

C#

string ShipToAddress { get; set; }

Visual Basic

Property ShipToAddress As String
    Get
    Set

Visual C++

property String^ ShipToAddress {
    String^ get ();
    void set (String^ value);
}
See Also

IGatewayRequest Interface
AuthorizeNet Namespace

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IGatewayRequest...ShipToCity Property

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
**Syntax**

**C#**

```csharp
string ShipToCity { get; set; }
```

**Visual Basic**

Property ShipToCity As String
Get
Set

**Visual C++**

```c++
property String^ ShipToCity {
    String^ get ();
    void set (String^ value);
}
```
See Also

IGatewayRequest Interface
AuthorizeNet Namespace

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IGatewayRequest.ShipToCompany Property

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

C#

```csharp
string ShipToCompany { get; set; }
```

Visual Basic

```vbnet
Property ShipToCompany As String
    Get
    Set
```

Visual C++

```cpp
property String^ ShipToCompany { 
    String^ get ();
    void set (String^ value);
}
```
See Also

IGatewayRequest Interface
AuthorizeNet Namespace

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IGatewayRequest.ShipToCountry Property

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

C#

```csharp
string ShipToCountry { get; set; }
```

Visual Basic

Property ShipToCountry As String
Get
Set

Visual C++

```cpp
property String^ ShipToCountry {
    String^ get ();
    void set (String^ value);
}
```
See Also

IGatewayRequest Interface
AuthorizeNet Namespace

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IGatewayRequest.

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

C#

```csharp
string ShipToFirstName { get; set; }
```

Visual Basic

```
Property ShipToFirstName As String
    Get
    Set
```

Visual C++

```
property String^ ShipToFirstName {
    String^ get ();
    void set (String^ value);
}
```
See Also

IGatewayRequest Interface
AuthorizeNet Namespace

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IGatewayRequest:::ShipToLastName Property

IGatewayRequest Interface  See Also  Send Feedback

Namespace: AuthorizeNet  
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

C#

```csharp
string ShipToLastName { get; set; }
```

Visual Basic

```vbnet
Property ShipToLastName As String
    Get
    Set
```

Visual C++

```cpp
property String^ ShipToLastName { 
    String^ get ();
    void set (String^ value);
}
```
See Also

IGatewayRequest Interface
AuthorizeNet Namespace

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IGatewayRequest.ShipToState Property

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

C#

```csharp
string ShipToState { get; set; }
```

Visual Basic

Property ShipToState As String
Get
Set

Visual C++

```c++
property String^ ShipToState {
    String^ get ();
    void set (String^ value);
}
```
See Also

IGatewayRequest Interface
AuthorizeNet Namespace

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Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

C#

```csharp
string ShipToZip { get; set; }
```

Visual Basic

Property ShipToZip As String
Get
Set

Visual C++

```cpp
property String^ ShipToZip {
    String^ get ();
    void set (String^ value);
}
```
See Also

IGatewayRequest Interface
AuthorizeNet Namespace

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IGatewayRequest.SplitTenderId Property

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

C#

```csharp
string SplitTenderId { get; set; }
```

Visual Basic

```
Property SplitTenderId As String
    Get
    Set
```

Visual C++

```
property String^ SplitTenderId {
    String^ get ();
    void set (String^ value);
}
```
See Also

IGatewayRequest Interface
AuthorizeNet Namespace

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IGatewayRequest...State Property

IGatewayRequest Interface  See Also  Send Feedback

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
### Syntax

**C#**

```csharp
string State { get; set; }
```

**Visual Basic**

```vbnet
Property State As String
Get
Set
```

**Visual C++**

```cpp
property String^ State {
    String^ get ();
    void set (String^ value);
}
```
See Also

IGatewayRequest Interface
AuthorizeNet Namespace

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IGatewayRequest...Tax Property

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

C#

```
string Tax { get; set; }
```

Visual Basic

```
Property Tax As String
    Get
        String
    Set
```

Visual C++

```
property String^ Tax {
    String^ get ();
    void set (String^ value);
}
```
See Also

IGatewayRequest Interface
AuthorizeNet Namespace

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IGatewayRequest::..TaxExempt Property

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

C#

```csharp
string TaxExempt { get; set; }
```

Visual Basic

Property TaxExempt As String
Get
Set

Visual C++

```c++
property String^ TaxExempt {
    String^ get ();
    void set (String^ value);
}
```
See Also

IGatewayRequest Interface
AuthorizeNet Namespace

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IGatewayRequest...TestRequest Property

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
## Syntax

### C#

```csharp
string TestRequest { get; set; }
```

### Visual Basic

Property TestRequest As String
Get
Set

### Visual C++

```cpp
property String^ TestRequest {
    String^ get ();
    void set (String^ value);
}
```
See Also

IGatewayRequest Interface
AuthorizeNet Namespace

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IGatewayRequest.....TranKey Property

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

C#

```csharp
string TranKey { get; set; }
```

Visual Basic

Property TranKey As String
Get
Set

Visual C++

```cpp
property String^ TranKey {
    String^ get ();
    void set (String^ value);
}
```
See Also

IGatewayRequest Interface
AuthorizeNet Namespace

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IGatewayRequest::TransId Property

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

C#

```csharp
string TransId { get; set; }
```

Visual Basic

```
Property TransId As String
    Get
    Set
```

Visual C++

```cpp
property String^ TransId {
    String^ get ();
    void set (String^ value);
}
```
See Also

IGatewayRequest Interface
AuthorizeNet Namespace

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IGatewayRequest:::..Type Property

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

C#

```csharp
string Type { get; set; }
```

Visual Basic

```
Property Type As String
    Get
    Set
```

Visual C++

```
property String^ Type {
    String^ get ();
    void set (String^ value);
}
```
See Also

IGatewayRequest Interface
AuthorizeNet Namespace

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IGatewayRequest... Version Property

**Namespace**: AuthorizeNet

**Assembly**: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

C#

```csharp
string Version { get; set; }
```

Visual Basic

```vbnet
Property Version As String
    Get
    Set
```

Visual C++

```cpp
property String^ Version {
    String^ get ();
    void set (String^ value);
}
```
See Also

IGatewayRequest Interface
AuthorizeNet Namespace

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IGatewayRequest.Zip Property

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

C#

```csharp
string Zip { get; set; }
```

Visual Basic

```vbnet
Property Zip As String
    Get
    Set
```

Visual C++

```cpp
property String^ Zip {
    String^ get ();
    void set (String^ value);
}
```
See Also

IGatewayRequest Interface
AuthorizeNet Namespace

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IGatewayResponse Interface

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

C#

public interface IGatewayResponse

Visual Basic

Public Interface IGatewayResponse

Visual C++

public interface class IGatewayResponse
See Also

IGatewayResponse Members
AuthorizeNet Namespace

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The `IGatewayResponse` type exposes the following members.
### Properties

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<th>Name</th>
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<td></td>
</tr>
<tr>
<td>Approved</td>
<td></td>
</tr>
<tr>
<td>AuthorizationCode</td>
<td></td>
</tr>
<tr>
<td>CardNumber</td>
<td></td>
</tr>
<tr>
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<td></td>
</tr>
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</tr>
<tr>
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See Also

IGatewayResponse Interface
AuthorizeNet Namespace

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IGatewayResponse Properties

IGatewayResponse Interface See Also Send Feedback

The IGatewayResponse type exposes the following members.
## Properties

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</table>
See Also

IGatewayResponse Interface
AuthorizeNet Namespace

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IGatewayResponse...:..Amount Property

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
**Syntax**

**C#**

```csharp
decimal Amount { get; }
```

**Visual Basic**

```vbs
ReadOnly Property Amount As Decimal
Get
```

**Visual C++**

```cpp
property Decimal Amount {
    Decimal get ();
}
```
See Also

IGatewayResponse Interface
AuthorizeNet Namespace

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IGatewayResponse..::..Approved Property

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

C#

bool Approved { get; }

Visual Basic

ReadOnly Property Approved As Boolean
Get

Visual C++

property bool Approved {
    bool get ();
}
See Also

IGatewayResponse Interface
AuthorizeNet Namespace

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IGatewayResponse:::AuthorizationCode Property

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

C#

```csharp
string AuthorizationCode { get; }
```

Visual Basic

```vbscript
ReadOnly Property AuthorizationCode As String
  Get
  AuthorizationCode
End Get
```

Visual C++

```cpp
property String^ AuthorizationCode { 
  String^ get ()
}
```
See Also

IGatewayResponse Interface
AuthorizeNet Namespace

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IGatewayResponse...:..CardNumber Property

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

C#

```csharp
string CardNumber { get; }
```

Visual Basic

```vbnet
ReadOnly Property CardNumber As String
Get
```

Visual C++

```cpp
property String^ CardNumber { 
String^ get (); 
}
```
See Also

IGatewayResponse Interface
AuthorizeNet Namespace

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IGatewayResponse..::.InvoiceNumber Property

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
**Syntax**

**C#**

```csharp
string InvoiceNumber { get; }
```

**Visual Basic**

```vbnet
ReadOnly Property InvoiceNumber As String
Get
```

**Visual C++**

```cpp
property String^ InvoiceNumber {
    String^ get ();
}
```
See Also

IGatewayResponse Interface
AuthorizeNet Namespace

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IGatewayResponse.Message Property

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

C#

```csharp
string Message { get; }
```

Visual Basic

```vbnet
ReadOnly Property Message As String
Get
```

Visual C++

```cpp
property String^ Message {
    String^ get ();
}
```
See Also

IGatewayResponse Interface
AuthorizeNet Namespace

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IGatewayResponse...:::ResponseCode Property

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

**C#**

```csharp
string ResponseCode { get; }
```

**Visual Basic**

ReadOnly Property ResponseCode As String
Get

**Visual C++**

```cpp
property String^ ResponseCode {
    String^ get ();
}
```
See Also

IGatewayResponse Interface
Authorize.Net Namespace

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IGatewayResponse:::TransactionID Property

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

**C#**

```csharp
string TransactionID { get; }
```

**Visual Basic**

```vbnet
ReadOnly Property TransactionID As String
Get
```

**Visual C++**

```cpp
property String^ TransactionID {
    String^ get ();
}
```
See Also

IGatewayResponse Interface
AuthorizeNet Namespace

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IReportingGateway Interface

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

C#

public interface IReportingGateway

Visual Basic

Public Interface IReportingGateway

Visual C++

public interface class IReportingGateway
See Also

IReportingGateway Members
AuthorizeNet Namespace

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The **IReportingGateway** type exposes the following members.
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See Also

IReportingGateway Interface
AuthorizeNet Namespace

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IReportingGateway Methods

The **IReportingGateway** type exposes the following members.
## Methods

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</table>
See Also

IReportingGateway Interface
AuthorizeNet Namespace

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IReportingGateway...GetSettledBatchList Method

See Also Send Feedback
## Overload List

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See Also

IReportingGateway Interface
IReportingGateway Members
AuthorizeNet Namespace

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IReportingGateway...GetSettledBatchList Method

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

C#

```csharp
List<Batch> GetSettledBatchList()
```

Visual Basic

Function GetSettledBatchList As List(Of Batch)

Visual C++

```cpp
List<Batch>^ GetSettledBatchList()
```
See Also

IReportingGateway Interface
GetSettledBatchList Overload
AuthorizeNet Namespace

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GetSettledBatchList Method (DateTime, DateTime)

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
## Syntax

### C#

```csharp
List<Batch> GetSettledBatchList(
    DateTime from,
    DateTime to
)
```

### Visual Basic

Function GetSettledBatchList ( _
    from As DateTime, _
    to As DateTime _
) As List(Of Batch)

### Visual C++

```cpp
List<Batch>^ GetSettledBatchList(
    DateTime from,
    DateTime to
)
```

## Parameters

from

Type: `System::DateTime`

to

Type: `System::DateTime`
See Also

IReportingGateway Interface
GetSettledBatchList Overload
AuthorizeNet Namespace

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IReportingGateway.GetTransactionDetails Method

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
### Syntax

#### C#

```csharp
Transaction GetTransactionDetails( 
    string transactionID
)
```

#### Visual Basic

```vbnet
Function GetTransactionDetails ( _
    transactionID As String _
) As Transaction
```

#### Visual C++

```cpp
Transaction^ GetTransactionDetails( 
    String^ transactionID
)
```

### Parameters

**transactionID**

Type: System::String
See Also

IReportingGateway Interface
AuthorizeNet Namespace

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IReportingGateway.GetTransactionList Method
## Overload List

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IReportingGateway Interface
IReportingGateway Members
AuthorizeNet Namespace

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IReportingGateway.GetTransactionList Method

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

C#

List<Transaction> GetTransactionList()

Visual Basic

Function GetTransactionList As List(Of Transaction)

Visual C++

List<Transaction> GetTransactionList()
See Also

IReportingGateway Interface
GetTransactionList Overload
AuthorizeNet Namespace

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IReportingGateway...:...GetTransactionList Method (String)

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

C#

```
List<Transaction> GetTransactionList(
    string batchId
)
```

Visual Basic

```
Function GetTransactionList ( _
    batchId As String _
) As List(Of Transaction)
```

Visual C++

```
List<Transaction>^ GetTransactionList(  
    String^ batchId
)
```

Parameters

batchId
Type: System:::String
See Also

IReportingGateway Interface
GetTransactionList Overload
AuthorizeNet Namespace

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IReportingGateway.GetTransactionList Method (DateTime, DateTime)

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

C#

```csharp
List<Transaction> GetTransactionList(
    DateTime from,
    DateTime to
)
```

Visual Basic

```vbnet
Function GetTransactionList ( _
    from As DateTime, _
    to As DateTime _
) As List(Of Transaction)
```

Visual C++

```cpp
List<Transaction>^ GetTransactionList(
    DateTime from,
    DateTime to
)
```

Parameters

from
    Type: System::DateTime

to
    Type: System::DateTime
See Also

IReportingGateway Interface
GetTransactionList Overload
AuthorizeNet Namespace

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ISubscriptionGateway Interface

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

C#

public interface ISubscriptionGateway

Visual Basic

Public Interface ISubscriptionGateway

Visual C++

public interface class ISubscriptionGateway
See Also

ISubscriptionGateway Members
AuthorizeNet Namespace

Copyright 2010, Authorize.NET
The **ISubscriptionGateway** type exposes the following members.
## Methods

<table>
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<tbody>
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<tr>
<td>GetSubscriptionStatus</td>
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See Also

ISubscriptionGateway Interface
AuthorizeNet Namespace

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ISubscriptionGateway Methods

The ISubscriptionGateway type exposes the following members.
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<td></td>
</tr>
</tbody>
</table>
See Also

ISubscriptionGateway Interface
AuthorizeNet Namespace

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`ISubscriptionGateway.CancelSubscription` Method

**Namespace:** AuthorizeNet

**Assembly:** AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

C#

```csharp
bool CancelSubscription(
    string subscriptionID
)
```

Visual Basic

```vbnet
Function CancelSubscription ( _
    subscriptionID As String _
) As Boolean
```

Visual C++

```cpp
bool CancelSubscription(
    String^ subscriptionID
)
```

Parameters

subscriptionID
Type: System::String
See Also

ISubscriptionGateway Interface
AuthorizeNet Namespace

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ISubscriptionGateway.....CreateSubscription Method

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

C#

```csharp
ISubscriptionRequest CreateSubscription(
    ISubscriptionRequest subscription
)
```

Visual Basic

```vbnet
Function CreateSubscription ( _
    subscription As ISubscriptionRequest _
) As ISubscriptionRequest
```

Visual C++

```cpp
ISubscriptionRequest^ CreateSubscription(
    ISubscriptionRequest^ subscription
)
```

Parameters

subscription
Type: `AuthorizeNet::ISubscriptionRequest`
See Also

ISubscriptionGateway Interface
AuthorizeNet Namespace

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ISubscriptionGateway...: GetSubscriptionStatus Method

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

C#

ARBSSubscriptionStatusEnum GetSubscriptionStatus(
    string subscriptionID
)

Visual Basic

Function GetSubscriptionStatus ( _
    subscriptionID As String _
) As ARBSSubscriptionStatusEnum

Visual C++

ARBSSubscriptionStatusEnum GetSubscriptionStatus(
    String^ subscriptionID
)

Parameters

subscriptionID
    Type: System::String
See Also

ISubscriptionGateway Interface
AuthorizeNet Namespace

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ISubscriptionGateway::UpdateSubscription Method

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

C#

```csharp
bool UpdateSubscription(
    ISubscriptionRequest subscription
)
```

Visual Basic

Function UpdateSubscription ( _
    subscription As ISubscriptionRequest _
) As Boolean

Visual C++

```cpp
bool UpdateSubscription(
    ISubscriptionRequest^ subscription
)
```

Parameters

subscription
  Type: AuthorizeNet::::ISubscriptionRequest
See Also

ISubscriptionGateway Interface
AuthorizeNet Namespace

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ISubscriptionRequest Interface

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
**Syntax**

**C#**

```csharp
public interface ISubscriptionRequest
```

**Visual Basic**

```vbnet
Public Interface ISubscriptionRequest
```

**Visual C++**

```cpp
public interface class ISubscriptionRequest
```
See Also

ISubscriptionRequest Members
AuthorizeNet Namespace

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ISubscriptionRequest Members

The ISubscriptionRequest type exposes the following members.
# Methods

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<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
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<td>SetTrialPeriod</td>
<td></td>
</tr>
<tr>
<td>ToAPI</td>
<td></td>
</tr>
<tr>
<td>ToUpdateableAPI</td>
<td></td>
</tr>
<tr>
<td>UsingCreditCard</td>
<td></td>
</tr>
<tr>
<td>WithBillingAddress</td>
<td></td>
</tr>
<tr>
<td>WithShippingAddress</td>
<td></td>
</tr>
<tr>
<td>Name</td>
<td>Description</td>
</tr>
<tr>
<td>-----------------------------</td>
<td>-------------</td>
</tr>
<tr>
<td>Amount</td>
<td></td>
</tr>
<tr>
<td>BillingAddress</td>
<td></td>
</tr>
<tr>
<td>BillingCycles</td>
<td></td>
</tr>
<tr>
<td>BillingInterval</td>
<td></td>
</tr>
<tr>
<td>BillingIntervalUnits</td>
<td></td>
</tr>
<tr>
<td>CardCode</td>
<td></td>
</tr>
<tr>
<td>CardExpirationMonth</td>
<td></td>
</tr>
<tr>
<td>CardExpirationYear</td>
<td></td>
</tr>
<tr>
<td>CardNumber</td>
<td></td>
</tr>
<tr>
<td>CustomerEmail</td>
<td></td>
</tr>
<tr>
<td>ShippingAddress</td>
<td></td>
</tr>
<tr>
<td>StartsOn</td>
<td></td>
</tr>
<tr>
<td>SubscriptionID</td>
<td></td>
</tr>
<tr>
<td>SubscriptionName</td>
<td></td>
</tr>
<tr>
<td>TrialAmount</td>
<td></td>
</tr>
<tr>
<td>TrialBillingCycles</td>
<td></td>
</tr>
</tbody>
</table>
See Also

ISubscriptionRequest Interface
AuthorizeNet Namespace

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ISubscriptionRequest Methods

The ISubscriptionRequest type exposes the following members.
## Methods

<table>
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<td></td>
</tr>
<tr>
<td>WithShippingAddress</td>
<td></td>
</tr>
</tbody>
</table>
See Also

ISubscriptionRequest Interface
AuthorizeNet Namespace

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ISubscriptionRequest::SetTrialPeriod Method

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

C#

```csharp
SubscriptionRequest SetTrialPeriod(
    short trialBillingCycles,
    decimal trialAmount
)
```

Visual Basic

```vbnet
Function SetTrialPeriod ( _
    trialBillingCycles As Short, _
    trialAmount As Decimal _
) As SubscriptionRequest
```

Visual C++

```cpp
SubscriptionRequest^ SetTrialPeriod(
    short trialBillingCycles,
    Decimal trialAmount
)
```

Parameters

trialBillingCycles
  Type: `System::::Int16`

trialAmount
  Type: `System::::Decimal`
See Also

ISubscriptionRequest Interface
AuthorizeNet Namespace

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AuthorizeNET.ISubscriptionRequest.ToAPI Method

AuthorizeNet.ISubscriptionRequest Interface

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

C#

ARBSubscriptionType ToAPI()

Visual Basic

Function ToAPI As ARBSubscriptionType

Visual C++

ARBSubscriptionType^ ToAPI()
See Also

ISubscriptionRequest Interface
Authorize.Net Namespace

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ISubscriptionRequest...ToUpdateableAPI Method

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

C#

ARBSubscriptionType ToUpdateableAPI()

Visual Basic

Function ToUpdateableAPI As ARBSubscriptionType

Visual C++

ARBSubscriptionType^ ToUpdateableAPI()
See Also

ISubscriptionRequest Interface
AuthorizeNet Namespace

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ISubscriptionRequest....UsingCreditCard Method

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

C#

SubscriptionRequest UsingCreditCard(
    string firstName,
    string lastName,
    string cardNumber,
    int cardExpirationYear,
    int cardExpirationMonth
)

Visual Basic

Function UsingCreditCard (_
    firstName As String, _
    lastName As String, _
    cardNumber As String, _
    cardExpirationYear As Integer, _
    cardExpirationMonth As Integer _
) As SubscriptionRequest

Visual C++

SubscriptionRequest^ UsingCreditCard(
    String^ firstName,
    String^ lastName,
    String^ cardNumber,
    int cardExpirationYear,
    int cardExpirationMonth
)

Parameters

firstName
    Type: System:::String

lastName
    Type: System:::String
cardNumber
  Type: System:::String

cardExpirationYear
  Type: System:::Int32

cardExpirationMonth
  Type: System:::Int32
See Also

ISubscriptionRequest Interface
AuthorizeNet Namespace

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ISubscriptionRequest::WithBillingAddress Method

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

C#

SubscriptionRequest WithBillingAddress(
    Address add
)

Visual Basic

Function WithBillingAddress ( _
    add As Address _
) As SubscriptionRequest

Visual C++

SubscriptionRequest^ WithBillingAddress(
    Address^ add
)

Parameters

add

   Type: AuthorizeNet::::Address
See Also

ISubscriptionRequest Interface
AuthorizeNet Namespace

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ISubscriptionRequest..::..WithShippingAddress Method

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

C#

`SubscriptionRequest` WithShippingAddress(
    `Address` add
)

Visual Basic

Function WithShippingAddress ( _
    add As `Address` _
) As `SubscriptionRequest`

Visual C++

`SubscriptionRequest` WithShippingAddress(
    `Address` add
)

Parameters

add
    Type: `AuthorizeNet::Address`
See Also

ISubscriptionRequest Interface
AuthorizeNet Namespace

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The `ISubscriptionRequest` type exposes the following members.
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<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Amount</td>
<td></td>
</tr>
<tr>
<td>BillingAddress</td>
<td></td>
</tr>
<tr>
<td>BillingCycles</td>
<td></td>
</tr>
<tr>
<td>BillingInterval</td>
<td></td>
</tr>
<tr>
<td>BillingIntervalUnits</td>
<td></td>
</tr>
<tr>
<td>CardCode</td>
<td></td>
</tr>
<tr>
<td>CardExpirationMonth</td>
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<tr>
<td>CardExpirationYear</td>
<td></td>
</tr>
<tr>
<td>CardNumber</td>
<td></td>
</tr>
<tr>
<td>CustomerEmail</td>
<td></td>
</tr>
<tr>
<td>ShippingAddress</td>
<td></td>
</tr>
<tr>
<td>StartsOn</td>
<td></td>
</tr>
<tr>
<td>SubscriptionID</td>
<td></td>
</tr>
<tr>
<td>SubscriptionName</td>
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</tr>
<tr>
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</tr>
<tr>
<td>TrialBillingCycles</td>
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</tr>
</tbody>
</table>
See Also

ISubscriptionRequest Interface
AuthorizeNet Namespace

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ISubscriptionRequest::Amount Property

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

C#

decimal Amount { get; set; }

Visual Basic

Property Amount As Decimal
    Get
    Set

Visual C++

property Decimal Amount {
    Decimal get ();
    void set (Decimal value);
}
See Also

ISubscriptionRequest Interface
AuthorizeNet Namespace

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ISubscriptionRequest::BillingAddress Property

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

C#

`Address` BillingAddress { get; set; }

Visual Basic

Property BillingAddress As `Address`
Get
Set

Visual C++

property `Address` BillingAddress {
`Address` get ();
void set (`Address` value);
}
See Also

ISubscriptionRequest Interface
AuthorizeNet Namespace

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ISubscriptionRequest::BillingCycles Property

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
**Syntax**

**C#**

```csharp
short BillingCycles { get; set; }
```

**Visual Basic**

Property BillingCycles As Short
    Get
    Set

**Visual C++**

```cpp
property short BillingCycles {
    short get ();
    void set (short value);
}
```
See Also

ISubscriptionRequest Interface
AuthorizeNet Namespace

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**ISubscriptionRequest**

**BillingInterval Property**

**Namespace:** AuthorizeNet  
**Assembly:** AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
### Syntax

#### C#

```csharp
short BillingInterval { get; set; }
```

#### Visual Basic

```vbnet
Property BillingInterval As Short
    Get
    Set
```

#### Visual C++

```cpp
property short BillingInterval {
    short get ();
    void set (short value);
}
```
See Also

ISubscriptionRequest Interface
AuthorizeNet Namespace

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ISubscriptionRequest::BillingIntervalUnits Property

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

C#

```csharp
BillingIntervalUnits BillingIntervalUnits { get; set; }
```

Visual Basic

```
Property BillingIntervalUnits As BillingIntervalUnits
    Get
    Set
```

Visual C++

```
property BillingIntervalUnits BillingIntervalUnits {
    BillingIntervalUnits get ();
    void set (BillingIntervalUnits value);
}
```
See Also

ISubscriptionRequest Interface
AuthorizeNet Namespace

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ISubscriptionRequest::CardCode Property

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

C#

```csharp
string CardCode { get; set; }
```

Visual Basic

```vbnet
Property CardCode As String
    Get
    Set
```

Visual C++

```cpp
property String^ CardCode { 
    String^ get ();
    void set (String^ value);
}
```
See Also

ISubscriptionRequest Interface
AuthorizeNet Namespace

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ISubscriptionRequest...:...CardExpirationMonth Property

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

C#

```csharp
int CardExpirationMonth { get; set; }
```

Visual Basic

Property CardExpirationMonth As Integer
Get
Set

Visual C++

```c++
property int CardExpirationMonth {
    int get();
    void set (int value);
}
```
See Also

ISubscriptionRequest Interface
AuthorizeNet Namespace

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**ISubscriptionRequest**

CardExpirationYear Property

**ISubscriptionRequest Interface**

See Also: Send Feedback

**Namespace:** AuthorizeNet

**Assembly:** AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

C#

```
int CardExpirationYear { get; set; }
```

Visual Basic

```
Property CardExpirationYear As Integer
    Get
    Set
```

Visual C++

```
property int CardExpirationYear {
    int get ();
    void set (int value);
}
```
See Also

ISubscriptionRequest Interface
AuthorizeNet Namespace

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ISubscriptionRequest::CardNumber Property

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

C#

```csharp
string CardNumber { get; set; }
```

Visual Basic

Property CardNumber As String
    Get
    Set

Visual C++

```cpp
property String^ CardNumber {
    String^ get ();
    void set (String^ value);
}
```
See Also

ISubscriptionRequest Interface
AuthorizeNet Namespace

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ISubscriptionRequest.CustomerEmail Property

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

C#

```csharp
string CustomerEmail { get; set; }
```

Visual Basic

Property CustomerEmail As String
Get
Set

Visual C++

```cpp
property String^ CustomerEmail {
    String^ get ();
    void set (String^ value);
}
```
See Also

ISubscriptionRequest Interface
AuthorizeNet Namespace

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C#  
Visual Basic  
Visual C++

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ISubscriptionRequest::ShippingAddress Property

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

C#

`Address` ShippingAddress { get; set; }

Visual Basic

Property ShippingAddress As `Address`
Get
Set

Visual C++

property `Address`^ ShippingAddress {
`Address`^ get ();
void set (`Address`^ value);
}

See Also

ISubscriptionRequest Interface
AuthorizeNet Namespace

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ISubscriptionRequest:::StartsOn Property

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

C#

DateTime StartsOn { get; set; }

Visual Basic

Property StartsOn As DateTime
    Get
    Set

Visual C++

property DateTime StartsOn {
    DateTime get ();
    void set (DateTime value);
}
See Also

ISubscriptionRequest Interface
AuthorizeNet Namespace

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ISubscriptionRequest:::SubscriptionID Property

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

C#

```csharp
string SubscriptionID { get; set; }
```

Visual Basic

```vbnet
Property SubscriptionID As String
Get
Set
```

Visual C++

```c++
property String^ SubscriptionID { 
    String^ get ();
    void set (String^ value);
}
```
See Also

ISubscriptionRequest Interface
AuthorizeNet Namespace

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ISubscriptionRequest

**SubscriptionName** Property

**ISubscriptionRequest Interface** See Also Send Feedback

**Namespace:** AuthorizeNet

**Assembly:** AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

**C#**

```csharp
string SubscriptionName { get; set; }
```

**Visual Basic**

Property SubscriptionName As String
Get
Set

**Visual C++**

```cpp
property String^ SubscriptionName { 
    String^ get ();
    void set (String^ value);
}
```
See Also

ISubscriptionRequest Interface
AuthorizeNet Namespace

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ISubscriptionRequest:::TrialAmount Property

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

C#

```csharp
decimal TrialAmount { get; set; }
```

Visual Basic

```vbnet
Property TrialAmount As Decimal
    Get
    Set
```

Visual C++

```cpp
property Decimal TrialAmount {
    Decimal get ();
    void set (Decimal value);
}
```
See Also

ISubscriptionRequest Interface
AuthorizeNet Namespace

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ISubscriptionRequest:::TrialBillingCycles Property

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

C#

```csharp
short TrialBillingCycles { get; set; }
```

Visual Basic

```
Property TrialBillingCycles As Short
    Get
    Set
```

Visual C++

```
property short TrialBillingCycles {
    short get ();
    void set (short value);
}
```
See Also

ISubscriptionRequest Interface
AuthorizeNet Namespace

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**LineItem Class**

Representational class for a transactional line item

**Namespace:** AuthorizeNet

**Assembly:** AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

C#
public class LineItem

Visual Basic
Public Class LineItem

Visual C++
public ref class LineItem
Inheritance Hierarchy

System..Object
AuthorizeNet..LineItem
See Also

LineItem Members
AuthorizeNet Namespace

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The **LineItem** type exposes the following members.
## Constructors

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>LineItem</td>
<td>Initializes a new instance of the LineItem class</td>
</tr>
</tbody>
</table>
# Methods

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Equals</strong></td>
<td>Determines whether the specified <a href="#">Object</a> is equal to the current <a href="#">Object</a>. (Inherited from <a href="#">Object</a>.)</td>
</tr>
<tr>
<td><strong>GetHashCode</strong></td>
<td>Serves as a hash function for a particular type. (Inherited from <a href="#">Object</a>.)</td>
</tr>
<tr>
<td><strong>GetType</strong></td>
<td>Gets the <a href="#">Type</a> of the current instance. (Inherited from <a href="#">Object</a>.)</td>
</tr>
<tr>
<td><strong>ToString</strong></td>
<td>Returns a <a href="#">String</a> that represents the current <a href="#">Object</a>. (Inherited from <a href="#">Object</a>.)</td>
</tr>
</tbody>
</table>
## Properties

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Description</td>
<td>Gets or sets the description.</td>
</tr>
<tr>
<td>ID</td>
<td>Gets or sets the ID.</td>
</tr>
<tr>
<td>Name</td>
<td>Gets or sets the name.</td>
</tr>
<tr>
<td>Quantity</td>
<td>Gets or sets the quantity.</td>
</tr>
<tr>
<td>Taxable</td>
<td>Gets or sets a value indicating whether this LineItem is taxable.</td>
</tr>
<tr>
<td>UnitPrice</td>
<td>Gets or sets the unit price.</td>
</tr>
</tbody>
</table>
See Also

LineItem Class
AuthorizeNet Namespace

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LineItem Constructor

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

**C#**

```csharp
public LineItem()
```

**Visual Basic**

```vbnet
Public Sub New
```

**Visual C++**

```cpp
public:
LineItem()
```
See Also

LineItem Class
AuthorizeNet Namespace

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The **LineItem** type exposes the following members.
### Methods

<table>
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<tr>
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</tr>
</thead>
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See Also

LineItem Class
AuthorizeNet Namespace

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The `LineItem` type exposes the following members.
## Properties

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<tr>
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<th>Description</th>
</tr>
</thead>
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</tr>
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<td>Name</td>
<td>Gets or sets the name.</td>
</tr>
<tr>
<td>Quantity</td>
<td>Gets or sets the quantity.</td>
</tr>
<tr>
<td>Taxable</td>
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</tr>
<tr>
<td>UnitPrice</td>
<td>Gets or sets the unit price.</td>
</tr>
</tbody>
</table>
See Also

LineItem Class
AuthorizeNet Namespace

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**LineItem**..:.Description Property

**Namespace:** AuthorizeNet

**Assembly:** AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0

Gets or sets the description.
Syntax

C#

public string Description { get; set; }

Visual Basic

Public Property Description As String
Get
Set

Visual C++

public:
property String^ Description {
    String^ get ();
    void set (String^ value);
}

Field Value

The description.
See Also

LineItem Class
AuthorizeNet Namespace

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LineItem..:..ID Property

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0

Gets or sets the ID.
Syntax

C#

public string ID { get; set; }

Visual Basic

Public Property ID As String
Get
Set

Visual C++

public:
property String^ ID {
    String^ get ();
    void set (String^ value);
}

Field Value

The ID.
See Also

LineItem Class
AuthorizeNet Namespace

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LineItem:::Name Property

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0

Gets or sets the name.
### Syntax

**C#**

```csharp
public string Name { get; set; }
```

**Visual Basic**

```vbnet
Public Property Name As String
    Get
    Set
```

**Visual C++**

```c++
public:
    property String^ Name {
        String^ get ();
        void set (String^ value);
    }
```

### Field Value

The name.
See Also

LineItem Class
AuthorizeNet Namespace

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Gets or sets the quantity.

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

C#

public decimal Quantity { get; set; }

Visual Basic

Public Property Quantity As Decimal
    Get
    Set

Visual C++

public:
    property Decimal Quantity {
        Decimal get ();
        void set (Decimal value);
    }

Field Value

The quantity.
See Also

LineItem Class
AuthorizeNet Namespace

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**Taxable Property**

See Also: **LineItem**

Gets or sets a value indicating whether this **LineItem** is taxable.

**Namespace:** AuthorizeNet

**Assembly:** AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

C#

public bool Taxable { get; set; }

Visual Basic

Public Property Taxable As Boolean
    Get
    Set

Visual C++

public:
    property bool Taxable {
        bool get ();
        void set (bool value);
    }

Field Value

true if taxable; otherwise, false.
See Also

LineItem Class
AuthorizeNet Namespace

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LineItem..:.. UnitPrice Property

Gets or sets the unit price.

**Namespace:** AuthorizeNet

**Assembly:** AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
**Syntax**

**C#**

```csharp
public decimal UnitPrice { get; set; }
```

**Visual Basic**

```vbnet
Public Property UnitPrice As Decimal
    Get
        Set
    End Property
```

**Visual C++**

```cpp
public:
    property Decimal UnitPrice {
        Decimal get ();
        void set (Decimal value);
    }
```

**Field Value**

The unit price.
See Also

LineItem Class
AuthorizeNet Namespace

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Order Class

This is an abstraction for the AuthNET API so you can specify detailed order information.

**Namespace:** AuthorizeNet
**Assembly:** AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

C#
public class Order

Visual Basic
Public Class Order

Visual C++
public ref class Order
Inheritance Hierarchy

System::Object
AuthorizeNet::Order
See Also

Order Members
AuthorizeNet Namespace

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Order Members

Order Type exposes the following members.
## Constructors

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Order</td>
<td>Initializes a new instance of the Order class.</td>
</tr>
</tbody>
</table>
## Methods

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>AddLineItem</strong></td>
<td>Determines whether the specified <a href="https://docs.microsoft.com/en-us/dotnet/api/system.object">Object</a> is equal to the current <a href="https://docs.microsoft.com/en-us/dotnet/api/system.object">Object</a>. (Inherited from <a href="https://docs.microsoft.com/en-us/dotnet/api/system.object">Object</a>.)</td>
</tr>
<tr>
<td><strong>Equals</strong></td>
<td>Serves as a hash function for a particular type. (Inherited from <a href="https://docs.microsoft.com/en-us/dotnet/api/system.object">Object</a>.)</td>
</tr>
<tr>
<td><strong>GetHashCode</strong></td>
<td>Gets the <a href="https://docs.microsoft.com/en-us/dotnet/api/system.type">Type</a> of the current instance. (Inherited from <a href="https://docs.microsoft.com/en-us/dotnet/api/system.object">Object</a>.)</td>
</tr>
<tr>
<td><strong>GetType</strong></td>
<td>Returns a <a href="https://docs.microsoft.com/en-us/dotnet/api/system.string">String</a> that represents the current <a href="https://docs.microsoft.com/en-us/dotnet/api/system.object">Object</a>. (Inherited from <a href="https://docs.microsoft.com/en-us/dotnet/api/system.object">Object</a>.)</td>
</tr>
</tbody>
</table>
### Properties

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Amount</td>
<td></td>
</tr>
<tr>
<td>CardCode</td>
<td></td>
</tr>
<tr>
<td>CustomerProfileID</td>
<td></td>
</tr>
<tr>
<td>Description</td>
<td></td>
</tr>
<tr>
<td>ID</td>
<td></td>
</tr>
<tr>
<td>InvoiceNumber</td>
<td></td>
</tr>
<tr>
<td>PaymentProfileID</td>
<td></td>
</tr>
<tr>
<td>PONumber</td>
<td></td>
</tr>
<tr>
<td>RecurringBilling</td>
<td></td>
</tr>
<tr>
<td>SalesTaxAmount</td>
<td></td>
</tr>
<tr>
<td>SalesTaxName</td>
<td></td>
</tr>
<tr>
<td>ShippingAddressProfileID</td>
<td></td>
</tr>
<tr>
<td>ShippingAmount</td>
<td></td>
</tr>
<tr>
<td>ShippingName</td>
<td></td>
</tr>
<tr>
<td>SubTotal</td>
<td></td>
</tr>
<tr>
<td>TaxExempt</td>
<td></td>
</tr>
<tr>
<td>Total</td>
<td></td>
</tr>
</tbody>
</table>
See Also

Order Class
AuthorizeNet Namespace

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Order Constructor

Order Constructor

See Also

Send Feedback

Initializes a new instance of the Order class.

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

C#

public Order(
    string profileID,
    string paymentProfileId,
    string shippingAddressID
)

Visual Basic

Public Sub New (_
    profileID As String, _
    paymentProfileId As String, _
    shippingAddressID As String _
)

Visual C++

public:
Order(
    String^ profileID,
    String^ paymentProfileId,
    String^ shippingAddressID
)

Parameters

profileID
Type: System:::String
The profile ID.

paymentProfileId
Type: System:::String
The payment profile id.

shippingAddressID
Type: System:::String
The shipping address ID.
See Also

Order Class
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Order Methods

See Also Send Feedback

The **Order** type exposes the following members.
## Methods

<table>
<thead>
<tr>
<th>Name</th>
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<tbody>
<tr>
<td><strong>AddLineItem</strong></td>
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<tr>
<td><strong>GetHashCode</strong></td>
<td>Gets the <a href="#">Type</a> of the current instance. (Inherited from <a href="#">Object</a>.)</td>
</tr>
<tr>
<td><strong>GetType</strong></td>
<td></td>
</tr>
<tr>
<td><strong>RemoveLineItem</strong></td>
<td>Returns a <a href="#">String</a> that represents the current <a href="#">Object</a>. (Inherited from <a href="#">Object</a>.)</td>
</tr>
<tr>
<td><strong>ToString</strong></td>
<td></td>
</tr>
</tbody>
</table>
See Also

Order Class
AuthorizeNet Namespace

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A .NET Library aimed at helping you get up to speed quickly with Authorize.NET Order:::..AddLineItem Method

**Namespace:** AuthorizeNet

**Assembly:** AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
### Syntax

**C#**

```csharp
public void AddLineItem(
    string ID,
    string name,
    string description,
    int quantity,
    decimal unitPrice,
    Nullable<bool> taxable
)
```

**Visual Basic**

```vbnet
Public Sub AddLineItem ( _
    ID As String, _
    name As String, _
    description As String, _
    quantity As Integer, _
    unitPrice As Decimal, _
    taxable As Nullable(Of Boolean) _
)
```

**Visual C++**

```cpp
public:
    void AddLineItem( 
        String^ ID, 
        String^ name, 
        String^ description, 
        int quantity, 
        Decimal unitPrice, 
        Nullable<bool> taxable 
    )
```

### Parameters

**ID**

Type: `System::::String`
name
   Type: System.String

description
   Type: System.String

quantity
   Type: System.Int32

unitPrice
   Type: System.Decimal

taxable
   Type: System.Nullable(Of Boolean)
See Also

Order Class
AuthorizeNet Namespace

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RemoveLineItem Method

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

C#

public void RemoveLineItem(
    string ID
)

Visual Basic

Public Sub RemoveLineItem ( _
    ID As String _
)

Visual C++

public:
void RemoveLineItem(
    String^ ID
)

Parameters

ID
Type: System::String
See Also

Order Class
AuthorizeNet Namespace

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Order Properties

The **Order** type exposes the following members.
# Properties

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
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<td></td>
</tr>
<tr>
<td>CardCode</td>
<td></td>
</tr>
<tr>
<td>CustomerProfileID</td>
<td></td>
</tr>
<tr>
<td>Description</td>
<td></td>
</tr>
<tr>
<td>ID</td>
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</tr>
<tr>
<td>InvoiceNumber</td>
<td></td>
</tr>
<tr>
<td>PaymentProfileID</td>
<td></td>
</tr>
<tr>
<td>PONumber</td>
<td></td>
</tr>
<tr>
<td>RecurringBilling</td>
<td></td>
</tr>
<tr>
<td>SalesTaxAmount</td>
<td></td>
</tr>
<tr>
<td>SalesTaxName</td>
<td></td>
</tr>
<tr>
<td>ShippingAddressProfileID</td>
<td></td>
</tr>
<tr>
<td>ShippingAmount</td>
<td></td>
</tr>
<tr>
<td>ShippingName</td>
<td></td>
</tr>
<tr>
<td>SubTotal</td>
<td></td>
</tr>
<tr>
<td>TaxExempt</td>
<td></td>
</tr>
<tr>
<td>Total</td>
<td></td>
</tr>
</tbody>
</table>
See Also

Order Class
AuthorizeNet Namespace

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C#  Visual Basic  Visual C++
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Order:::Amount Property

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

C#

public decimal Amount { get; set; }

Visual Basic

Public Property Amount As Decimal
Get
Set

Visual C++

public:
property Decimal Amount {
    Decimal get ();
    void set (Decimal value);
}
See Also

Order Class
AuthorizeNet Namespace

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Order Class

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

**C#**

```csharp
public string CardCode { get; set; }
```

**Visual Basic**

```vbnet
Public Property CardCode As String
    Get
    Set
```

**Visual C++**

```cpp
public:
    property String^ CardCode {
        String^ get ();
        void set (String^ value);
    }
```
See Also

Order Class
AuthorizeNet Namespace

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CustomerProfileID Property

**Namespace:** AuthorizeNet  
**Assembly:** AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

C#

public string CustomerProfileID { get; set; }

Visual Basic

Public Property CustomerProfileID As String
Get
Set

Visual C++

public:
property String^ CustomerProfileID {
   String^ get ();
   void set (String^ value);
}
See Also

Order Class
AuthorizeNet Namespace

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Description Property

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

C#

public string Description { get; set; }

Visual Basic

Public Property Description As String
    Get
    Set

Visual C++

public:
    property String^ Description {
        String^ get ();
        void set (String^ value);
    }
See Also

Order Class
AuthorizeNet Namespace

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ID Property

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

C#

public string ID { get; set; }

Visual Basic

Public Property ID As String
    Get
    Set

Visual C++

public:
property String^ ID {
    String^ get ()
    void set (String^ value);
}
See Also

Order Class
AuthorizeNet Namespace

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InvoiceNumber Property

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

C#

public string InvoiceNumber { get; set; }

Visual Basic

Public Property InvoiceNumber As String
    Get
    Set

Visual C++

public:
    property String^ InvoiceNumber {
        String^ get ();
        void set (String^ value);
    }
See Also

Order Class
AuthorizeNet Namespace

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Order.....PaymentProfileID Property

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

C#

public string PaymentProfileID { get; set; }

Visual Basic

Public Property PaymentProfileID As String
Get
Set

Visual C++

public:
property String^ PaymentProfileID {
String^ get ();
void set (String^ value);
}
See Also

Order Class
AuthorizeNet Namespace

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C#  Visual Basic
Visual C++

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Order....PONumber Property

Order Class See Also Send Feedback

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

C#

public string PONumber { get; set; }

Visual Basic

Public Property PONumber As String
    Get
    Set

Visual C++

public:
    property String^ PONumber {
        String^ get ();
        void set (String^ value);
    }
See Also

Order Class
AuthorizeNet Namespace

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RecurringBilling Property

*Order Class See Also Send Feedback*

**Namespace:** AuthorizeNet

**Assembly:** AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

C#

public Nullable<bool> RecurringBilling { get; set; }

Visual Basic

Public Property RecurringBilling As Nullable(Of Boolean)
   Get
   Set

Visual C++

public:
   property Nullable<bool> RecurringBilling {
      Nullable<bool> get ();
      void set (Nullable<bool> value);
   }

See Also

Order Class
AuthorizeNet Namespace

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Order...: SalesTaxAmount Property

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
**Syntax**

**C#**

```csharp
public decimal SalesTaxAmount { get; set; }
```

**Visual Basic**

```vbscript
Public Property SalesTaxAmount As Decimal
Get
Set
```

**Visual C++**

```cpp
public:
property Decimal SalesTaxAmount {
    Decimal get ();
    void set (Decimal value);
}
```
See Also

Order Class
AuthorizeNet Namespace

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Order:::SalesTaxName Property

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

C#

public string SalesTaxName { get; set; }

Visual Basic

Public Property SalesTaxName As String
    Get
        Set
    End Property

Visual C++

public:
    property String^ SalesTaxName {
        String^ get ();
        void set (String^ value);
    }
See Also

Order Class
AuthorizeNet Namespace

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Order.ShippingAddressProfileID Property

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

C#

public string ShippingAddressProfileID { get; set; }

Visual Basic

Public Property ShippingAddressProfileID As String
    Get
    Set

Visual C++

public:
    property String^ ShippingAddressProfileID {
        String^ get ();
        void set (String^ value);
    }
See Also

Order Class
AuthorizeNet Namespace

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**Namespace:** AuthorizeNet

**Assembly:** AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
### Syntax

**C#**

```csharp
public decimal ShippingAmount { get; set; }
```

**Visual Basic**

```vbnet
Public Property ShippingAmount As Decimal
    Get
    Set
```

**Visual C++**

```cpp
public:
    property Decimal ShippingAmount {
        Decimal get ();
        void set (Decimal value);
    }
```
See Also

Order Class
AuthorizeNet Namespace

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OrderShippingName Property

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

C#

public string ShippingName { get; set; }

Visual Basic

Public Property ShippingName As String
    Get
    Set

Visual C++

public: 
property String^ ShippingName { 
    String^ get ();
    void set (String^ value);
}
See Also

Order Class
AuthorizeNet Namespace

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Order...: SubTotal Property

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

C#

```csharp
public decimal SubTotal { get; }
```

Visual Basic

```vbnet
Public ReadOnly Property SubTotal As Decimal
    Get
```

Visual C++

```cpp
public:
    property Decimal SubTotal {
        Decimal get ();
    }
```
See Also

Order Class
AuthorizeNet Namespace

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Order... TaxExempt Property

Order Class See Also Send Feedback

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

C#

public Nullable<bool> TaxExempt { get; set; }

Visual Basic

Public Property TaxExempt As Nullable(Of Boolean)
    Get
    Set

Visual C++

public:
property Nullable<bool> TaxExempt {
    Nullable<bool> get ();
    void set (Nullable<bool> value);
}
See Also

Order Class
AuthorizeNet Namespace

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Order......Total Property

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

C#

public decimal Total { get; }

Visual Basic

Public ReadOnly Property Total As Decimal
Get

Visual C++

public:
property Decimal Total {
Decimal get ();
}
See Also

Order Class
AuthorizeNet Namespace

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PaymentProfile Class

An abstraction for the AuthNET API, allowing you store credit card information with Authorize.net

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

C#

public class PaymentProfile

Visual Basic

Public Class PaymentProfile

Visual C++

public ref class PaymentProfile
Inheritance Hierarchy

System::Object
AuthorizeNet::PaymentProfile
See Also

PaymentProfile Members
AuthorizeNet Namespace

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PaymentProfile Members

The PaymentProfile type exposes the following members.
# Constructors

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>PaymentProfile</td>
<td>Initializes a new instance of the PaymentProfile class, using the passed-in API type to create the profile.</td>
</tr>
</tbody>
</table>
## Methods

<table>
<thead>
<tr>
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<th>Description</th>
</tr>
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<tr>
<td><strong>GetType</strong></td>
<td>Gets the <a href="#">Type</a> of the current instance. (Inherited from <a href="#">Object</a>.)</td>
</tr>
<tr>
<td><strong>ToAPI</strong></td>
<td>Creates an API object, ready to send to AuthNET servers.</td>
</tr>
<tr>
<td><strong>ToString</strong></td>
<td>Returns a <a href="#">String</a> that represents the current <a href="#">Object</a>. (Inherited from <a href="#">Object</a>.)</td>
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<td>Name</td>
<td>Description</td>
</tr>
<tr>
<td>-------------------</td>
<td>-------------</td>
</tr>
<tr>
<td>BillingAddress</td>
<td></td>
</tr>
<tr>
<td>CardCode</td>
<td></td>
</tr>
<tr>
<td>CardExpiration</td>
<td></td>
</tr>
<tr>
<td>CardNumber</td>
<td></td>
</tr>
<tr>
<td>CardType</td>
<td></td>
</tr>
<tr>
<td>DriversLicenseDOB</td>
<td></td>
</tr>
<tr>
<td>DriversLicenseNumber</td>
<td></td>
</tr>
<tr>
<td>DriversLicenseState</td>
<td></td>
</tr>
<tr>
<td>IsBusiness</td>
<td></td>
</tr>
<tr>
<td>ProfileID</td>
<td></td>
</tr>
<tr>
<td>TaxID</td>
<td></td>
</tr>
</tbody>
</table>
See Also

PaymentProfile Class
AuthorizeNet Namespace

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PaymentProfile Constructor

Initializes a new instance of the `PaymentProfile` class, using the passed-in API type to create the profile.

**Namespace:** AuthorizeNet  
**Assembly:** AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

C#

public PaymentProfile(
    customerPaymentProfileMaskedType apiType
)

Visual Basic

Public Sub New ( _
    apiType As customerPaymentProfileMaskedType _
)

Visual C++

public:
PaymentProfile(
    customerPaymentProfileMaskedType apiType
)

Parameters

apiType
    Type: customerPaymentProfileMaskedType
    Type of the API.
See Also

PaymentProfile Class
AuthorizeNet Namespace

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PaymentProfile Methods

PaymentProfile Class See Also Send Feedback

The PaymentProfile type exposes the following members.
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</tr>
<tr>
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</tr>
</tbody>
</table>
See Also

PaymentProfile Class
AuthorizeNet Namespace

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C#  Visual Basic  Visual C++

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PaymentProfile..:.:.ToAPI Method

PaymentProfile Class  See Also  Send Feedback

Creates an API object, ready to send to AuthNET servers.

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

C#

public customerPaymentProfileExType ToAPI()

Visual Basic

Public Function ToAPI As customerPaymentProfileExType

Visual C++

public:
customerPaymentProfileExType^ ToAPI()

Return Value
See Also

PaymentProfile Class
AuthorizeNet Namespace

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A .NET Library aimed at helping you get up to speed quickly with Authorize.NET

PaymentProfile Properties

PaymentProfile Class See Also Send Feedback

The PaymentProfile type exposes the following members.
### Properties

<table>
<thead>
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<th>Description</th>
</tr>
</thead>
<tbody>
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<td></td>
</tr>
<tr>
<td>CardCode</td>
<td></td>
</tr>
<tr>
<td>CardExpiration</td>
<td></td>
</tr>
<tr>
<td>CardNumber</td>
<td></td>
</tr>
<tr>
<td>CardType</td>
<td></td>
</tr>
<tr>
<td>DriversLicenseDOB</td>
<td></td>
</tr>
<tr>
<td>DriversLicenseNumber</td>
<td></td>
</tr>
<tr>
<td>DriversLicenseState</td>
<td></td>
</tr>
<tr>
<td>IsBusiness</td>
<td></td>
</tr>
<tr>
<td>ProfileID</td>
<td></td>
</tr>
<tr>
<td>TaxID</td>
<td></td>
</tr>
</tbody>
</table>
See Also

PaymentProfile Class
AuthorizeNet Namespace

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A .NET Library aimed at helping you get up to speed quickly with Authorize.NET PaymentProfile.BillingAddress Property

**Namespace:** AuthorizeNet

**Assembly:** AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
## Syntax

**C#**

```csharp
public Address BillingAddress { get; set; }
```

**Visual Basic**

```vbnet
Public Property BillingAddress As Address
    Get
    Set
```

**Visual C++**

```cpp
public:
    property Address^ BillingAddress {
        Address^ get ();
        void set (Address^ value);
    }
```
See Also

PaymentProfile Class
AuthorizeNet Namespace

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Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

C#

public string CardCode { get; set; }

Visual Basic

Public Property CardCode As String
Get
Set

Visual C++

public:
property String^ CardCode {
    String^ get ();
    void set (String^ value);
}
See Also

PaymentProfile Class
AuthorizeNet Namespace

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A .NET Library aimed at helping you get up to speed quickly with Authorize.NET PaymentProfile.

CardExpiration Property

PaymentProfile Class See Also Send Feedback

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

C#

public string CardExpiration { get; set; }

Visual Basic

Public Property CardExpiration As String
    Get
    Set

Visual C++

public:
property String^ CardExpiration {
    String^ get ();
    void set (String^ value);
}
See Also

PaymentProfile Class
AuthorizeNet Namespace

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PaymentProfile..::..CardNumber Property

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

C#

class MyClass
{
    public string CardNumber { get; set; }
}

Visual Basic

Public Property CardNumber As String
    Get
        Return CardNumber
    End Get
    Set
        CardNumber = value
    End Set
}

Visual C++

class MyClass
{
    public:
        property String^ CardNumber { String^ get (); void set (String^ value); }
};
See Also

PaymentProfile Class
AuthorizeNet Namespace

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CardType Property

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

C#

public string CardType { get; set; }

Visual Basic

Public Property CardType As String
    Get
    Set

Visual C++

public:
    property String^ CardType {{
        String^ get ();
        void set (String^ value);
    }
See Also

PaymentProfile Class
AuthorizeNet Namespace

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PaymentProfile...::...DriversLicenseDOB Property

PaymentProfile Class See Also Send Feedback

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

C#

public string DriversLicenseDOB { get; set; }

Visual Basic

Public Property DriversLicenseDOB As String
    Get
    Set

Visual C++

public:
property String^ DriversLicenseDOB {
    String^ get ();
    void set (String^ value);
}
See Also

PaymentProfile Class
AuthorizeNet Namespace

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PaymentProfile:::DriversLicenseNumber Property

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

C#

public string DriversLicenseNumber { get; set; }

Visual Basic

Public Property DriversLicenseNumber As String
Get
Set

Visual C++

public:
property String^ DriversLicenseNumber {
    String^ get ();
    void set (String^ value);
}
See Also

PaymentProfile Class
AuthorizeNet Namespace

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PaymentProfile:::DriversLicenseState Property

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

C#

public string DriversLicenseState { get; set; }

Visual Basic

Public Property DriversLicenseState As String
    Get
        String Get
    Set
        String Set

Visual C++

public:
    property String^ DriversLicenseState {
        String^ get ();
        void set (String^ value);
    }
See Also

PaymentProfile Class
AuthorizeNet Namespace

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A .NET Library aimed at helping you get up to speed quickly with Authorize.NET PaymentProfile...IsBusiness Property

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

C#

public bool IsBusiness { get; set; }

Visual Basic

Public Property IsBusiness As Boolean
    Get
    Set

Visual C++

public:
    property bool IsBusiness {
        bool get ();
        void set (bool value);
    }
See Also

PaymentProfile Class
AuthorizeNet Namespace

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A .NET Library aimed at helping you get up to speed quickly with Authorize.NET PaymentProfile...

ProfileID Property

PaymentProfile Class See Also Send Feedback

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

C#

public string ProfileID { get; set; }

Visual Basic

Public Property ProfileID As String
    Get
    Set

Visual C++

public:
    property String^ ProfileID {
        String^ get ();
        void set (String^ value);
    }
See Also

PaymentProfile Class
AuthorizeNet Namespace

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Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
**Syntax**

**C#**

```csharp
public string TaxID { get; set; }
```

**Visual Basic**

```vbnet
Public Property TaxID As String
    Get
        ... 
    End Get
    Set
        ... 
    End Set
```

**Visual C++**

```cpp
public:
    property String^ TaxID {
        String^ get ();
        void set (String^ value);
    }
```
See Also

PaymentProfile Class
AuthorizeNet Namespace

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A .NET Library aimed at helping you get up to speed quickly with Authorize.NET ReportingGateway Class

**Namespace:** AuthorizeNet

**Assembly:** AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

C#

public class ReportingGateway : IReportingGateway

Visual Basic

Public Class ReportingGateway
    Implements IReportingGateway

Visual C++

public ref class ReportingGateway : IReportingGateway
Inheritance Hierarchy

System..::..Object
AuthorizeNet..::..ReportingGateway
See Also

ReportingGateway Members
AuthorizeNet Namespace

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The `ReportingGateway` type exposes the following members.
## Constructors

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>ReportingGateway(String, String)</td>
<td>Initializes a new instance of the CustomerGateway class.</td>
</tr>
<tr>
<td>ReportingGateway(String, String, ServiceMode)</td>
<td>Initializes a new instance of the CustomerGateway class.</td>
</tr>
<tr>
<td>Name</td>
<td>Description</td>
</tr>
<tr>
<td>-----------------------------</td>
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<tr>
<td><strong>Equals</strong></td>
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<td><strong>GetHashCode</strong></td>
<td>Serves as a hash function for a particular type. (Inherited from <code>Object</code>. )</td>
</tr>
<tr>
<td><strong>GetSettledBatchList()</strong></td>
<td>Returns all Settled Batches for the last 30 days</td>
</tr>
<tr>
<td><strong>GetSettledBatchList(DateTime, DateTime)</strong></td>
<td>Returns batch settlements for the specified date range</td>
</tr>
<tr>
<td><strong>GetTransactionDetails</strong></td>
<td>Returns Transaction details for a given transaction ID (transid)</td>
</tr>
<tr>
<td><strong>GetTransactionList()</strong></td>
<td>Returns all transactions for the last 30 days</td>
</tr>
<tr>
<td><strong>GetTransactionList(String)</strong></td>
<td>Returns all transaction within a particular batch</td>
</tr>
<tr>
<td><strong>GetTransactionList(DateTime, DateTime)</strong></td>
<td>Returns all transactions for a given time period. This can result in a number of calls to the API</td>
</tr>
<tr>
<td><strong>GetType</strong></td>
<td>Gets the <code>Type</code> of the current instance. (Inherited from <code>Object</code>.)</td>
</tr>
<tr>
<td><strong>ToString</strong></td>
<td>Returns a <code>String</code> that represents the current <code>Object</code>. (Inherited from <code>Object</code>.)</td>
</tr>
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</table>
See Also

ReportingGateway Class
AuthorizeNet Namespace

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ReportingGateway Constructor

ReportingGateway Class  See Also  Send Feedback
## Overload List

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See Also

ReportingGateway Class
ReportingGateway Members
AuthorizeNet Namespace

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**ReportingGateway Constructor** (String, String)

**ReportingGateway Class** [See Also](#) [Send Feedback](#)

Initializes a new instance of the **CustomerGateway** class.

**Namespace:** AuthorizeNet

**Assembly:** AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

C#

    public ReportingGateway(
            string apiLogin,  
            string transactionKey
    )

Visual Basic

    Public Sub New ( _
            apiLogin As String, _
            transactionKey As String _
    )

Visual C++

    public:
    ReportingGateway(
            String^ apiLogin,  
            String^ transactionKey
    )

Parameters

apiLogin
    Type: System::String
    The API login.

transactionKey
    Type: System::String
    The transaction key.
See Also

ReportingGateway Class
ReportingGateway Overload
AuthorizeNet Namespace

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`AuthorizingGateway Constructor (String, String, ServiceMode)`

`AuthorizingGateway Class See Also Send Feedback`

Initializes a new instance of the `CustomerGateway` class.

**Namespace:** AuthorizeNet

**Assembly:** AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

C#

public ReportingGateway(
    string apiLogin,
    string transactionKey,
    ServiceMode mode
)

Visual Basic

Public Sub New ( _
    apiLogin As String, _
    transactionKey As String, _
    mode As ServiceMode _
)

Visual C++

public:
    ReportingGateway(
        String^ apiLogin,
        String^ transactionKey,
        ServiceMode mode
    )

Parameters

apiLogin
Type: System::String
The API login.

transactionKey
Type: System::String
The transaction key.

mode
Type: AuthorizeNet::ServiceMode
Test or Live.
See Also

ReportingGateway Class
ReportingGateway Overload
AuthorizeNet Namespace

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ReportingGateway Methods

The **ReportingGateway** type exposes the following members.
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<td>Returns a String that represents the current Object. (Inherited from Object.)</td>
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See Also

ReportingGateway Class
AuthorizeNet Namespace

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A .NET Library aimed at helping you get up to speed quickly with Authorize.NET ReportingGateway. GetSettledBatchList Method

[ReportingGateway Class] [See Also] [Send Feedback]
## Overload List

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ReportingGateway Class
ReportingGateway Members
AuthorizeNet Namespace

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**GetSettledBatchList Method**

*ReportingGateway Class, See Also Send Feedback*

Returns all Settled Batches for the last 30 days

**Namespace:** AuthorizeNet

**Assembly:** AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

C#

```csharp
public List<Batch> GetSettledBatchList()
```

Visual Basic

```vbscript
Public Function GetSettledBatchList As List(Of Batch)
```

Visual C++

```cpp
public:
virtual List<Batch> GetSettledBatchList() sealed
```

Implements

```cpp
IReportingGateway::GetSettledBatchList()
```
See Also

ReportingGateway Class
GetSettledBatchList Overload
AuthorizeNet Namespace

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A .NET Library aimed at helping you get up to speed quickly with Authorize.NET

`GetSettledBatchList Method (DateTime, DateTime)`

`GetSettledBatchList Method (DateTime, DateTime)`

Reports batch settlements for the specified date range

**Namespace:** AuthorizeNet

**Assembly:** AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
### Syntax

**C#**

```csharp
public List<Batch> GetSettledBatchList(
    DateTime from,
    DateTime to
)
```

**Visual Basic**

```vbnet
Public Function GetSettledBatchList ( _
    from As DateTime, _
    to As DateTime _
) As List(Of Batch)
```

**Visual C++**

```cpp
public: virtual List<Batch>^ GetSettledBatchList(
    DateTime from,
    DateTime to
) sealed
```

### Parameters

- **from**
  - Type: `System::DateTime`

- **to**
  - Type: `System::DateTime`

### Implements

`IReportingGateway::GetSettledBatchList(DateTime, DateTime)`
See Also

ReportingGateway Class
GetSettledBatchList Overload
AuthorizeNet Namespace

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GetTransactionDetails Method

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

C#

public Transaction GetTransactionDetails(
    string transactionID
)

Visual Basic

Public Function GetTransactionDetails (_
    transactionID As String _
) As Transaction

Visual C++

public:
    virtual Transaction^ GetTransactionDetails(
        String^ transactionID
    ) sealed

Parameters

transactionID
    Type: System:::String

Implements

IReportingGateway:::GetTransactionDetails(String)
See Also

ReportingGateway Class
AuthorizeNet Namespace

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See Also

Send Feedback
<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>GetTransactionList()()()</td>
<td>Returns all transactions for the last 30 days</td>
</tr>
<tr>
<td>GetTransactionList(String)</td>
<td>Returns all transaction within a particular batch</td>
</tr>
<tr>
<td>GetTransactionList(DateTime, DateTime)</td>
<td>Returns all transactions for a given time period. This can result in a number of calls to the API</td>
</tr>
</tbody>
</table>
See Also

ReportingGateway Class
ReportingGateway Members
AuthorizeNet Namespace

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`GetTransactionList` Method

`ReportingGateway` Class

Returns all transactions for the last 30 days

**Namespace:** AuthorizeNet

**Assembly:** AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

C#

public List<Transaction> GetTransactionList()

Visual Basic

Public Function GetTransactionList As List(Of Transaction)

Visual C++

public:
virtual List<Transaction^>^ GetTransactionList() sealed

Return Value

Implements

IReportingGateway:::GetTransactionList()}()}
See Also

ReportingGateway Class
GetTransactionList Overload
AuthorizeNet Namespace

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ReportingGateway::GetTransactionList Method (String)

Returns all transaction within a particular batch

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

C#

public List<Transaction> GetTransactionList(
    string batchId
)

Visual Basic

Public Function GetTransactionList ( _
    batchId As String _
) As List(Of Transaction)

Visual C++

public:
virtual List<Transaction^>^ GetTransactionList(
    String^ batchId
) sealed

Parameters

batchId
    Type: System::String

Implements

IReportingGateway::GetTransactionList(String)
See Also

ReportingGateway Class
GetTransactionList Overload
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`GetTransactionList` Method (`DateTime`, `DateTime`)

Returns all transactions for a given time period. This can result in a number of calls to the API

**Namespace:** AuthorizeNet

**Assembly:** AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
### Syntax

**C#**

```csharp
public List<Transaction> GetTransactionList(
    DateTime from,
    DateTime to
)
```

**Visual Basic**

```vbnet
Public Function GetTransactionList ( _
    from As DateTime, _
    to As DateTime _
) As List(Of Transaction)
```

**Visual C++**

```cpp
public:
virtual List<Transaction^>^ GetTransactionList(
    DateTime from,
    DateTime to
) sealed
```

### Parameters

**from**

Type: `System::DateTime`

**to**

Type: `System::DateTime`

### Implements

`IReportingGateway::GetTransactionList(DateTime, DateTime)`
See Also

ReportingGateway Class
GetTransactionList Overload
AuthorizeNet Namespace

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RequestAction Enumeration

See Also Send Feedback

The type of API Request being performed

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

C#

public enum RequestAction

Visual Basic

Public Enumeration RequestAction

Visual C++

public enum class RequestAction
<table>
<thead>
<tr>
<th><strong>Member name</strong></th>
<th><strong>Description</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>Authorize</td>
<td></td>
</tr>
<tr>
<td>Capture</td>
<td></td>
</tr>
<tr>
<td>AuthorizeAndCapture</td>
<td></td>
</tr>
<tr>
<td>Credit</td>
<td></td>
</tr>
<tr>
<td>Void</td>
<td></td>
</tr>
<tr>
<td>PriorAuthCapture</td>
<td></td>
</tr>
</tbody>
</table>
See Also

AuthorizeNet Namespace

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ResponseBase Class

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

**C#**

```csharp
public abstract class ResponseBase
```

**Visual Basic**

```vbscript
Public MustInherit Class ResponseBase
```

**Visual C++**

```cpp
public ref class ResponseBase abstract
```
Inheritance Hierarchy

`System..::..Object`
`AuthorizeNet..::..ResponseBase`
`AuthorizeNet..::..CardPresentResponse`
`AuthorizeNet..::..GatewayResponse`
See Also

ResponseBase Members
AuthorizeNet Namespace

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ResponseBase Members

The **ResponseBase** type exposes the following members.
## Methods

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Equals</td>
<td>Determines whether the specified <a href="#">Object</a> is equal to the current <a href="#">Object</a>. (Inherited from <a href="#">Object</a>.)</td>
</tr>
<tr>
<td>FindByValue</td>
<td>Serves as a hash function for a particular type. (Inherited from <a href="#">Object</a>.)</td>
</tr>
<tr>
<td>GetHashCode</td>
<td>Gets the <a href="#">Type</a> of the current instance. (Inherited from <a href="#">Object</a>.)</td>
</tr>
<tr>
<td>GetType</td>
<td>(Overrides <a href="#">Object.::ToString()</a>)</td>
</tr>
<tr>
<td>ToString</td>
<td>(Overrides <a href="#">Object.::ToString()</a>)</td>
</tr>
<tr>
<td>Name</td>
<td>Description</td>
</tr>
<tr>
<td>-------------</td>
<td>----------------------</td>
</tr>
<tr>
<td>RawResponse</td>
<td></td>
</tr>
</tbody>
</table>
See Also

ResponseBase Class
AuthorizeNet Namespace

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**ResponseBase Fields**

[ResponseBase Class](#) [See Also](#) [Send Feedback](#)

The [ResponseBase](#) type exposes the following members.
<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>RawResponse</td>
<td></td>
</tr>
</tbody>
</table>
See Also

ResponseBase Class
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**RawResponse Field**

**Namespace:** AuthorizeNet

**Assembly:** AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

C#

public string[] RawResponse

Visual Basic

Public RawResponse As String()

Visual C++

public:
array<String[^]>^ RawResponse
See Also

ResponseBase Class
AuthorizeNet Namespace

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The **ResponseBase** type exposes the following members.
## Methods

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Equals</strong></td>
<td>Determines whether the specified <a href="#">Object</a> is equal to the current <a href="#">Object</a>. (Inherited from <a href="#">Object</a>.)</td>
</tr>
<tr>
<td><strong>FindByValue</strong></td>
<td>Serves as a hash function for a particular type. (Inherited from <a href="#">Object</a>.)</td>
</tr>
<tr>
<td><strong>GetHashCode</strong></td>
<td>Gets the <a href="#">Type</a> of the current instance. (Inherited from <a href="#">Object</a>.)</td>
</tr>
<tr>
<td><strong>GetType</strong></td>
<td>(Overrides <a href="#">Object</a>.::ToString())</td>
</tr>
<tr>
<td><strong>ToString</strong></td>
<td>(Overrides <a href="#">Object</a>.::ToString())</td>
</tr>
</tbody>
</table>
See Also

ResponseBase Class
AuthorizeNet Namespace

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**ResponseBase...FindByValue Method**

**Namespace:** AuthorizeNet

**Assembly:** AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

C#

```csharp
public int FindByValue(
    string val
)
```

Visual Basic

```vbnet
Public Function FindByValue ( _
    val As String _
) As Integer
```

Visual C++

```cpp
public:
int FindByValue(
    String^ val
)
```

Parameters

val

Type: `System::String`
See Also

ResponseBase Class
AuthorizeNet Namespace

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ResponseBase...ToString Method

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

C#

public override string ToString()

Visual Basic

Public Overrides Function ToString As String

Visual C++

public:
virtual String^ ToString() override
See Also

ResponseBase Class
AuthorizeNet Namespace

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ServiceMode Enumeration

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

C#

public enum ServiceMode

Visual Basic

Public Enumeration ServiceMode

Visual C++

public enum class ServiceMode
## Members

<table>
<thead>
<tr>
<th>Member name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Test</td>
<td></td>
</tr>
<tr>
<td>Live</td>
<td></td>
</tr>
</tbody>
</table>
See Also

AuthorizeNet Namespace

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SIMResponse Class

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

C#

public class SIMResponse : IGatewayResponse

Visual Basic

Public Class SIMResponse
    Implements IGatewayResponse

Visual C++

public ref class SIMResponse : IGatewayResponse
Inheritance Hierarchy

System......Object
AuthorizeNet......SIMResponse
See Also

SIMResponse Members
AuthorizeNet Namespace

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The `SIMResponse` type exposes the following members.
## Constructors

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>SIMResponse()</td>
<td></td>
</tr>
<tr>
<td>SIMResponse(NameValueCollection)</td>
<td></td>
</tr>
<tr>
<td>Name</td>
<td>Description</td>
</tr>
<tr>
<td>------------</td>
<td>-----------------------------------------------------------------------------</td>
</tr>
<tr>
<td><strong>Equals</strong></td>
<td>Determines whether the specified <a href="#">Object</a> is equal to the current <a href="#">Object</a>. (Inherited from <a href="#">Object</a>.)</td>
</tr>
<tr>
<td><strong>GetHashCode</strong></td>
<td>Serves as a hash function for a particular type. (Inherited from <a href="#">Object</a>.)</td>
</tr>
<tr>
<td><strong>GetType</strong></td>
<td>Gets the <a href="#">Type</a> of the current instance. (Inherited from <a href="#">Object</a>.)</td>
</tr>
<tr>
<td><strong>ToString</strong></td>
<td>(Overrides <a href="#">Object..::.ToString()</a>.)</td>
</tr>
<tr>
<td><strong>Validate</strong></td>
<td>Validates that what was passed by Auth.net is valid</td>
</tr>
</tbody>
</table>
## Properties

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Amount</td>
<td></td>
</tr>
<tr>
<td>Approved</td>
<td></td>
</tr>
<tr>
<td>AuthorizationCode</td>
<td></td>
</tr>
<tr>
<td>CardNumber</td>
<td></td>
</tr>
<tr>
<td>InvoiceNumber</td>
<td></td>
</tr>
<tr>
<td>MD5Hash</td>
<td></td>
</tr>
<tr>
<td>Message</td>
<td></td>
</tr>
<tr>
<td>ResponseCode</td>
<td></td>
</tr>
<tr>
<td>TransactionID</td>
<td></td>
</tr>
</tbody>
</table>
See Also

SIMResponse Class
AuthorizeNet Namespace

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SIMResponse Constructor

SIMResponse Class See Also Send Feedback
## Overload List

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>SIMResponse()()()</td>
<td>Initializes a new instance of the <a href="#">SIMResponse</a> class</td>
</tr>
<tr>
<td>SIMResponse(NameValueCollection)</td>
<td>Initializes a new instance of the <a href="#">SIMResponse</a> class</td>
</tr>
</tbody>
</table>
See Also

SIMResponse Class
SIMResponse Members
AuthorizeNet Namespace

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SIMResponse Constructor

Initializes a new instance of the SIMResponse class

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

C#  
public SIMResponse()

Visual Basic  
Public Sub New

Visual C++  
public:  
SIMResponse()
See Also

SIMResponse Class
SIMResponse Overload
AuthorizeNet Namespace

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SIMResponse Constructor (NameValueCollection)

**SIMResponse Class** See Also Send Feedback

Initializes a new instance of the **SIMResponse** class

**Namespace:** AuthorizeNet

**Assembly:** AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

C#

public SIMResponse(
    NameValueCollection post
)

Visual Basic

Public Sub New ( _
    post As NameValueCollection _
)

Visual C++

public:
SIMResponse(
    NameValueCollection^ post
)

Parameters

post
    Type: System.Collections.Specialized.NameValueCollection
See Also

SIMResponse Class
SIMResponse Overload
AuthorizeNet Namespace

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SIMResponse Methods

SIMResponse Class  See Also  Send Feedback

The SIMResponse type exposes the following members.
### Methods

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Equals</td>
<td>Determines whether the specified Object is equal to the current Object.</td>
</tr>
<tr>
<td></td>
<td>(Inherited from Object.)</td>
</tr>
<tr>
<td>GetHashCode</td>
<td>Serves as a hash function for a particular type.</td>
</tr>
<tr>
<td></td>
<td>(Inherited from Object.)</td>
</tr>
<tr>
<td>GetType</td>
<td>Gets the Type of the current instance.</td>
</tr>
<tr>
<td></td>
<td>(Inherited from Object.)</td>
</tr>
<tr>
<td>ToString</td>
<td>(Overrides Object::__::ToString().)</td>
</tr>
<tr>
<td>Validate</td>
<td>Validates that what was passed by Auth.net is valid.</td>
</tr>
</tbody>
</table>
See Also

SIMResponse Class
AuthorizeNet Namespace

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SIMResponse...ToString Method

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

C#

public override string ToString()

Visual Basic

Public Overrides Function ToString As String

Visual C++

public:
virtual String^ ToString() override
See Also

SIMResponse Class
AuthorizeNet Namespace

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**SIMResponse...Validate Method**

**SIMResponse Class See Also Send Feedback**

Validates that what was passed by Auth.net is valid

**Namespace:** AuthorizeNet

**Assembly:** AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
## Syntax

**C#**

```csharp
public bool Validate(
    string merchantHash,
    string apiLogin
)
```

**Visual Basic**

```vbnet
Public Function Validate ( _
    merchantHash As String, _
    apiLogin As String _
) As Boolean
```

**Visual C++**

```cpp
public:
bool Validate(
    String^ merchantHash,
    String^ apiLogin
)
```

### Parameters

- **merchantHash**
  - Type: `System...String`

- **apiLogin**
  - Type: `System...String`
See Also

SIMResponse Class
AuthorizeNet Namespace

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SIMResponse Properties

See Also

Send Feedback

The **SIMResponse** type exposes the following members.
## Properties

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Amount</td>
<td></td>
</tr>
<tr>
<td>Approved</td>
<td></td>
</tr>
<tr>
<td>AuthorizationCode</td>
<td></td>
</tr>
<tr>
<td>CardNumber</td>
<td></td>
</tr>
<tr>
<td>InvoiceNumber</td>
<td></td>
</tr>
<tr>
<td>MD5Hash</td>
<td></td>
</tr>
<tr>
<td>Message</td>
<td></td>
</tr>
<tr>
<td>ResponseCode</td>
<td></td>
</tr>
<tr>
<td>TransactionID</td>
<td></td>
</tr>
</tbody>
</table>
See Also

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SIMResponse....Amount Property

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

C#

public decimal Amount { get; }

Visual Basic

Public ReadOnly Property Amount As Decimal
Get

Visual C++

public:
virtual property Decimal Amount {
    Decimal get () sealed;
}

Implements

IGatewayResponse::Amount
See Also

SIMResponse Class
AuthorizeNet Namespace

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SIMResponse...:..Approved Property

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

C#

public bool Approved { get; }

Visual Basic

Public Readonly Property Approved As Boolean
Get

Visual C++

public:
virtual property bool Approved {
    bool get () sealed;
}

Implements

IGatewayResponse..::.Approved
See Also

SIMResponse Class
AuthorizeNet Namespace

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Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
**Syntax**

**C#**

```csharp
public string AuthorizationCode { get; }```

**Visual Basic**

```vbnet
Public ReadOnly Property AuthorizationCode As String
Get```

**Visual C++**

```cpp
public:
virtual property String^ AuthorizationCode { String^ get () sealed; }
```

**Implements**

IGatewayResponse::..::AuthorizationCode
See Also

SIMResponse Class
AuthorizeNet Namespace

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SIMResponse...:::CardNumber Property

SIMResponse Class  See Also  Send Feedback

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

C#

public string CardNumber { get; }

Visual Basic

Public ReadOnly Property CardNumber As String
  Get
    <get>
  End Get
End Property

Visual C++

public:
  virtual property String^ CardNumber {
    String^ get () sealed;
  }

Implements

IGatewayResponse::CardNumber
See Also

SIMResponse Class
AuthorizeNet Namespace

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`SIMResponse...InvoiceNumber Property

SIMResponse Class  See Also  Send Feedback

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

C#

```csharp
public string InvoiceNumber { get; }
```

Visual Basic

```vbnet
Public ReadOnly Property InvoiceNumber As String
Get
```

Visual C++

```cpp
public:
virtual property String^ InvoiceNumber {
    String^ get () sealed;
}
```

Implements

`IGatewayResponse->Invoicenumber`
See Also

SIMResponse Class
AuthorizeNet Namespace

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SIMResponse Class

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

C#

```csharp
public string MD5Hash { get; }
```

Visual Basic

```vbnet
Public ReadOnly Property MD5Hash As String
Get
```

Visual C++

```cpp
public:
property String^ MD5Hash {
    String^ get ();
}
```
See Also

SIMResponse Class
AuthorizeNet Namespace

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SIMResponse...Message Property

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

C#

public string Message { get; }

Visual Basic

Public ReadOnly Property Message As String
    Get

Visual C++

public:
    virtual property String^ Message { 
        String^ get () sealed;
    }

Implements

IGatewayResponse::Message
See Also

SIMResponse Class
AuthorizeNet Namespace

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SIMResponse...::..ResponseCode Property

**Namespace:** AuthorizeNet

**Assembly:** AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
**Syntax**

**C#**

```csharp
public string ResponseCode { get; }
```

**Visual Basic**

```vbnet
Public ReadOnly Property ResponseCode As String
Get
```

**Visual C++**

```cpp
public:
virtual property String^ ResponseCode { 
    String^ get () sealed;
}
```

**Implements**

```csharp
IGatewayResponse::ResponseCode
```
See Also

SIMResponse Class
AuthorizeNet Namespace

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SIMResponse.TransactionID Property

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

C#

public string TransactionID { get; }

Visual Basic

Public ReadOnly Property TransactionID As String
Get

Visual C++

public:
virtual property String^ TransactionID { String^ get () sealed; }

Implements

IGatewayResponse..::..TransactionID
See Also

SIMResponse Class
AuthorizeNet Namespace

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SubscriptionGateway Class

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

**C#**

```csharp
public class SubscriptionGateway : ISubscriptionGateway
```

**Visual Basic**

```vbnet
Public Class SubscriptionGateway Implements ISubscriptionGateway
```

**Visual C++**

```cpp
public ref class SubscriptionGateway : ISubscriptionGateway
```
Inheritance Hierarchy

System...Object
AuthorizeNet.....SubscriptionGateway
See Also

SubscriptionGateway Members
AuthorizeNet Namespace

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SubscriptionGateway Members

The SubscriptionGateway type exposes the following members.
## Constructors

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td><code>SubscriptionGateway(String, String)</code></td>
<td>Initializes a new instance of the <code>SubscriptionGateway</code> class.</td>
</tr>
<tr>
<td><code>SubscriptionGateway(String, String, ServiceMode)</code></td>
<td>Initializes a new instance of the <code>SubscriptionGateway</code> class.</td>
</tr>
</tbody>
</table>
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<tr>
<td>GetSubscriptionStatus</td>
<td>Gets the subscription status.</td>
</tr>
<tr>
<td>GetType</td>
<td>Gets the <a href="#">Type</a> of the current instance.</td>
</tr>
<tr>
<td>ToString</td>
<td>Returns a <a href="#">String</a> that represents the current <a href="#">Object</a>.</td>
</tr>
<tr>
<td>UpdateSubscription</td>
<td>Updates the subscription.</td>
</tr>
</tbody>
</table>
See Also

SubscriptionGateway Class
AuthorizeNet Namespace

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SubscriptionGateway Constructor

SubscriptionGateway Class

See Also

Send Feedback
## Overload List

<table>
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</thead>
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<td>Initializes a new instance of the <code>SubscriptionGateway</code> class.</td>
</tr>
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<td>Initializes a new instance of the <code>SubscriptionGateway</code> class.</td>
</tr>
</tbody>
</table>
See Also

SubscriptionGateway Class
SubscriptionGateway Members
AuthorizeNet Namespace

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**SubscriptionGateway Constructor (String, String)**

Initializes a new instance of the **SubscriptionGateway** class.

**Namespace:** AuthorizeNet

**Assembly:** AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

C#

public SubscriptionGateway(
    string apiLogin,
    string transactionKey
)

Visual Basic

Public Sub New ( _
    apiLogin As String, _
    transactionKey As String _
)

Visual C++

public:
SubscriptionGateway(
    String^ apiLogin,
    String^ transactionKey
)

Parameters

apiLogin
Type: System::String
The API login.

transactionKey
Type: System::String
The transaction key.
See Also

SubscriptionGateway Class
SubscriptionGateway Overload
AuthorizeNet Namespace

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SubscriptionGateway Constructor (String, String, ServiceMode)

___

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

C#

```csharp
public SubscriptionGateway(
    string apiLogin,
    string transactionKey,
    ServiceMode mode
)
```

Visual Basic

```vbnet
Public Sub New ( _
    apiLogin As String, _
    transactionKey As String, _
    mode As ServiceMode _
)
```

Visual C++

```cpp
public:
SubscriptionGateway(
    String^ apiLogin,
    String^ transactionKey,
    ServiceMode mode
)
```

Parameters

apiLogin
Type: `System::String`
The API login.

transactionKey
Type: `System::String`
The transaction key.

mode
Type: `AuthorizeNet::ServiceMode`
The mode.
See Also

SubscriptionGateway Class
SubscriptionGateway Overload
AuthorizeNet Namespace

Copyright 2010, Authorize.NET
A .NET Library aimed at helping you get up to speed quickly with Authorize.NET SubscriptionGateway Methods

The SubscriptionGateway type exposes the following members.
## Methods

<table>
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<th>Name</th>
<th>Description</th>
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<tr>
<td>UpdateSubscription</td>
<td>Updates the subscription.</td>
</tr>
</tbody>
</table>
See Also

SubscriptionGateway Class
AuthorizeNet Namespace

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**CancelSubscription Method**

Cancels the subscription.

**Namespace:** AuthorizeNet

**Assembly:** AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

C#

public bool CancelSubscription(
    string subscriptionID
)

Visual Basic

Public Function CancelSubscription ( _
    subscriptionID As String _
) As Boolean

Visual C++

public:
    virtual bool CancelSubscription(
        String^ subscriptionID
    ) sealed

Parameters

subscriptionID

Type: System::String
    The subscription ID.

Return Value

Implements

ISubscriptionGateway:::CancelSubscription(String)
See Also

SubscriptionGateway Class
AuthorizeNet Namespace

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CreateSubscription Method

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

C#

```csharp
public ISubscriptionRequest CreateSubscription(ISubscriptionRequest subscription)
```

Visual Basic

```vbnet
Public Function CreateSubscription(_
subscription As ISubscriptionRequest _) As ISubscriptionRequest
```

Visual C++

```cpp
public:
virtual ISubscriptionRequest^ CreateSubscription(
ISubscriptionRequest^ subscription
) sealed
```

Parameters

subscription

Type: AuthorizeNet..;::..ISubscriptionRequest

The subscription to create - requires that you add a credit card and billing first and last.

Implements

`ISubscriptionGateway..;::..CreateSubscription(ISubscriptionRequest)`
See Also

SubscriptionGateway Class
AuthorizeNet Namespace

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SubscriptionGateway.GetSubscriptionStatus Method

Gets the subscription status.

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

C#

```csharp
public ARBSubscriptionStatusEnum GetSubscriptionStatus(
    string subscriptionID
)
```

Visual Basic

```vbnet
Public Function GetSubscriptionStatus ( _
    subscriptionID As String _
) As ARBSubscriptionStatusEnum
```

Visual C++

```cpp
public:
    virtual ARBSubscriptionStatusEnum GetSubscriptionStatus(
        String^ subscriptionID
    ) sealed
```

Parameters

subscriptionID
Type: `System::String`
The subscription ID.

Return Value

Implements

`ISubscriptionGateway::GetSubscriptionStatus(String)`
See Also

SubscriptionGateway Class
AuthorizeNet Namespace

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**UpdateSubscription Method**

Updates the subscription.

**Namespace:** AuthorizeNet

**Assembly:** AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

C#

public bool UpdateSubscription(
         ISubscriptionRequest subscription
)

Visual Basic

Public Function UpdateSubscription (_
         subscription As ISubscriptionRequest _
) As Boolean

Visual C++

public: bool UpdateSubscription(
         ISubscriptionRequest^ subscription
) sealed

Parameters

subscription

Type: AuthorizeNet::ISubscriptionRequest
The subscription to update. Can't change billing intervals however.

Return Value

Implements

ISubscriptionGateway::UpdateSubscription(ISubscriptionRequest)
See Also

SubscriptionGateway Class
AuthorizeNet Namespace

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SubscriptionRequest Class

This is the abstracted SubscriptionRequest class - it provides a simplified way of dealing with the underlying ARB API. This class uses a Fluent Interface to build out the request - creating only what you need.

**Namespace:** AuthorizeNet

**Assembly:** AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

C#

```csharp
public class SubscriptionRequest : ISubscriptionRequest
```

Visual Basic

```vbnet
Public Class SubscriptionRequest
    Implements ISubscriptionRequest
```

Visual C++

```cpp
public ref class SubscriptionRequest : ISubscriptionRequest
```
Inheritance Hierarchy

System....Object
AuthorizeNet....SubscriptionRequest
See Also

SubscriptionRequest Members
AuthorizeNet Namespace

Copyright 2010, Authorize.NET
The `SubscriptionRequest` type exposes the following members.
## Methods

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>CreateAnnual(String, String, Decimal)</td>
<td>Creates an annual subscription.</td>
</tr>
<tr>
<td>CreateAnnual(String, String, Decimal, Int16)</td>
<td></td>
</tr>
<tr>
<td>CreateMonthly(String, String, Decimal)</td>
<td>Creates a monthly subscription request.</td>
</tr>
<tr>
<td>CreateMonthly(String, String, Decimal, Int16)</td>
<td></td>
</tr>
<tr>
<td>CreateWeekly(String, String, Decimal)</td>
<td>Creates a weekly subscription that bills every 7 days.</td>
</tr>
<tr>
<td>CreateWeekly(String, String, Decimal, Int16)</td>
<td></td>
</tr>
<tr>
<td>Equals</td>
<td>Determines whether the specified Object is equal to the current Object. (Inherited from Object.)</td>
</tr>
<tr>
<td>GetHashCode</td>
<td>Serves as a hash function for a particular type. (Inherited from Object.)</td>
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<tr>
<td>GetType</td>
<td>Gets the Type of the current instance. (Inherited from Object.)</td>
</tr>
<tr>
<td>SetTrialPeriod</td>
<td>Sets a trial period for the subscription. This is part of the overall subscription plan.</td>
</tr>
<tr>
<td>ToAPI</td>
<td>This is mostly for internal processing needs - it takes the SubscriptionRequest and turns it into something the Gateway can serialize. Returns a String that represents the current Object.</td>
</tr>
<tr>
<td>ToString</td>
<td>The Update function won't accept a change to</td>
</tr>
</tbody>
</table>
- ToUpdateableAPI: some values - specifically the billing interval. This creates a request that the API can understand for updates only.

- UsingCreditCard: Adds a credit card payment to the subscription. This is required.

- WithBillingAddress: Adds a full billing address - which is required for a credit card.

- WithShippingAddress: Adds a shipping address to the request.
<table>
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<tr>
<td>Amount</td>
<td></td>
</tr>
<tr>
<td>BillingAddress</td>
<td></td>
</tr>
<tr>
<td>BillingCycles</td>
<td></td>
</tr>
<tr>
<td>BillingInterval</td>
<td></td>
</tr>
<tr>
<td>BillingIntervalUnits</td>
<td></td>
</tr>
<tr>
<td>CardCode</td>
<td></td>
</tr>
<tr>
<td>CardExpirationMonth</td>
<td></td>
</tr>
<tr>
<td>CardExpirationYear</td>
<td></td>
</tr>
<tr>
<td>CardNumber</td>
<td></td>
</tr>
<tr>
<td>CustomerEmail</td>
<td></td>
</tr>
<tr>
<td>ShippingAddress</td>
<td></td>
</tr>
<tr>
<td>StartsOn</td>
<td></td>
</tr>
<tr>
<td>SubscriptionID</td>
<td></td>
</tr>
<tr>
<td>SubscriptionName</td>
<td></td>
</tr>
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<td>TrialAmount</td>
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See Also

SubscriptionRequest Class
AuthorizeNet Namespace

Copyright 2010, Authorize.NET
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<td>Description</td>
</tr>
<tr>
<td>--------------------------</td>
<td>-----------------------------------------------------------------------------</td>
</tr>
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<tr>
<td>UsingCreditCard</td>
<td>Adds a credit card payment to the subscription. This is required.</td>
</tr>
<tr>
<td>WithBillingAddress</td>
<td>Adds a full billing address - which is required for a credit card.</td>
</tr>
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<td>WithShippingAddress</td>
<td>Adds a shipping address to the request.</td>
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See Also

SubscriptionRequest Class
AuthorizeNet Namespace

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SubscriptionRequest.:..CreateAnnual Method

SubscriptionRequest Class  See Also  Send Feedback
# Overload List

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See Also

SubscriptionRequest Class
SubscriptionRequest Members
AuthorizeNet Namespace

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SubscriptionRequest.CreateAnnual Method (String, String, Decimal)

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

C#

```csharp
public static SubscriptionRequest CreateAnnual(
    string email,
    string subscriptionName,
    decimal amount
)
```

Visual Basic

```vbnet
Public Shared Function CreateAnnual (_
    email As String, _
    subscriptionName As String, _
    amount As Decimal _
) As SubscriptionRequest
```

Visual C++

```cpp
public:
static SubscriptionRequest^ CreateAnnual(
    String^ email,
    String^ subscriptionName,
    Decimal amount
)
```

Parameters

email
    Type: System::String

subscriptionName
    Type: System::String

amount
    Type: System::Decimal
See Also

SubscriptionRequest Class
CreateAnnual Overload
AuthorizeNet Namespace

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SubscriptionRequest.CreateAnnual Method (String, String, Decimal, Int16)

SubscriptionRequest Class  See Also  Send Feedback

Creates an annual subscription.

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

C#

public static SubscriptionRequest CreateAnnual(
    string email,
    string subscriptionName,
    decimal amount,
    short numberOfBillings
)

Visual Basic

Public Shared Function CreateAnnual (_
    email As String, _
    subscriptionName As String, _
    amount As Decimal, _
    numberOfBillings As Short _
) As SubscriptionRequest

Visual C++

public:
static SubscriptionRequest^ CreateAnnual(
    String^ email,
    String^ subscriptionName,
    Decimal amount,
    short numberOfBillings
)

Parameters

email
    Type: System::String
    The email.

subscriptionName
    Type: System::String
    Name of the subscription.
amount
  Type: System..Decimal
  The amount.

numberOfBillings
  Type: System..Int16
  The number of billings. So if you wanted to create a yearly subscription that lasts for a year - this would be 1

**Return Value**
See Also

SubscriptionRequest Class
CreateAnnual Overload
AuthorizeNet Namespace

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SubscriptionRequest..:.CreateMonthly Method

SubscriptionRequest Class See Also Send Feedback
<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td><code>CreateMonthly(String, String, Decimal)</code></td>
<td>Creates a monthly subscription request.</td>
</tr>
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See Also

SubscriptionRequest Class
SubscriptionRequest Members
AuthorizeNet Namespace

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SubscriptionRequest..:.CreateMonthly Method (String, String, Decimal)

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

C#

public static SubscriptionRequest CreateMonthly(
    string email,
    string subscriptionName,
    decimal amount
)

Visual Basic

Public Shared Function CreateMonthly (_
    email As String, _
    subscriptionName As String, _
    amount As Decimal _
) As SubscriptionRequest

Visual C++

public:
    static SubscriptionRequest^ CreateMonthly(
        String^ email,
        String^ subscriptionName,
        Decimal amount
    )

Parameters

email
Type: System::String

subscriptionName
Type: System::String

amount
Type: System::Decimal
See Also

SubscriptionRequest Class
CreateMonthly Overload
AuthorizeNet Namespace

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SubscriptionRequest::CreateMonthly Method (String, String, Decimal, Int16)

**SubscriptionRequest Class** [See Also](#) [Send Feedback](#)

Creates a monthly subscription request.

**Namespace:** [AuthorizeNet](#)

**Assembly:** AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
## Syntax

### C#

```csharp
public static SubscriptionRequest CreateMonthly(
    string email,
    string subscriptionName,
    decimal amount,
    short numberOfBillings
)
```

### Visual Basic

```vbnet
Public Shared Function CreateMonthly (_
    email As String, _
    subscriptionName As String, _
    amount As Decimal, _
    numberOfBillings As Short _
) As SubscriptionRequest
```

### Visual C++

```cpp
public:
static SubscriptionRequest^ CreateMonthly(  
    String^ email,  
    String^ subscriptionName,  
    Decimal amount,  
    short numberOfBillings
)
```

## Parameters

### email

Type: `System::String`

The email.

### subscriptionName

Type: `System::String`

Name of the subscription.
amount
   Type: System..Decimal
   The amount.

numberOfBillings
   Type: System..Int16
   The number of billings. So if you wanted to create a monthly subscription that lasts for a year - this would be 12

Return Value
See Also

SubscriptionRequest Class
CreateMonthly Overload
AuthorizeNet Namespace

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SubscriptionRequest:::CreateWeekly Method

SubscriptionRequest Class  See Also  Send Feedback
# Overload List

<table>
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<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>CreateWeekly(String, String, Decimal)</td>
<td>Creates a weekly subscription that bills every 7 days.</td>
</tr>
<tr>
<td>CreateWeekly(String, String, Decimal, Int16)</td>
<td>Creates a weekly subscription that bills every 7 days.</td>
</tr>
</tbody>
</table>
See Also

SubscriptionRequest Class
SubscriptionRequest Members
AuthorizeNet Namespace

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`SubscriptionRequest.CreateWeekly` Method (String, String, Decimal)

`SubscriptionRequest Class` See Also Send Feedback

Creates a weekly subscription that bills every 7 days.

**Namespace:** AuthorizeNet

** Assembly:** AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

C#

public static SubscriptionRequest CreateWeekly(
    string email,
    string subscriptionName,
    decimal amount
)

Visual Basic

Public Shared Function CreateWeekly ( _
    email As String, _
    subscriptionName As String, _
    amount As Decimal _
) As SubscriptionRequest

Visual C++

public:
static SubscriptionRequest^ CreateWeekly(
    String^ email,
    String^ subscriptionName,
    Decimal amount
)

Parameters

e-mail
Type: System.String
The email.

subscriptionName
Type: System.String
Name of the subscription.

amount
Type: System.Decimal
The amount.

**Return Value**

See Also

SubscriptionRequest Class
CreateWeekly Overload
AuthorizeNet Namespace

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SubscriptionRequest::CreateWeekly Method (String, String, Decimal, Int16)

Creates a weekly subscription that bills every 7 days.

**Namespace:** AuthorizeNet

**Assembly:** AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

C#

public static SubscriptionRequest CreateWeekly(
    string email,
    string subscriptionName,
    decimal amount,
    short numberOfBillings
)

Visual Basic

Public Shared Function CreateWeekly (_
    email As String, _
    subscriptionName As String, _
    amount As Decimal, _
    numberOfBillings As Short _
) As SubscriptionRequest

Visual C++

public:
static SubscriptionRequest^ CreateWeekly(
    String^ email,
    String^ subscriptionName,
    Decimal amount,
    short numberOfBillings
)

Parameters

email
    Type: System:::String
    The email.

subscriptionName
    Type: System:::String
    Name of the subscription.
amount
  Type: System.Decimal
  The amount.

numberOfBillings
  Type: System.Int16
  The number of billings. If you want this subscription to last for a month, this should be set to 4

Return Value
See Also

SubscriptionRequest Class
CreateWeekly Overload
AuthorizeNet Namespace

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**SubscriptionRequest..::..SetTrialPeriod Method**

**SubscriptionRequest Class** [See Also](#) [Send Feedback](#)

Sets a trial period for the subscription. This is part of the overall subscription plan.

**Namespace:** [AuthorizeNet](#)

**Assembly:** AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
## Syntax

### C#

```csharp
public SubscriptionRequest SetTrialPeriod(
    short trialBillingCycles,
    decimal trialAmount
)
```

### Visual Basic

```vbnet
Public Function SetTrialPeriod (
    trialBillingCycles As Short,
    trialAmount As Decimal
) As SubscriptionRequest
```

### Visual C++

```cpp
public:
virtual SubscriptionRequest^ SetTrialPeriod(
    short trialBillingCycles,
    Decimal trialAmount
) sealed
```

## Parameters

- **trialBillingCycles**
  - Type: `System::Int16`
  - The trial billing cycles.

- **trialAmount**
  - Type: `System::Decimal`
  - The trial amount.

## Return Value

- **Implements**
ISubscriptionRequest::SetTrialPeriod(Int16, Decimal)
See Also

SubscriptionRequest Class
AuthorizeNet Namespace

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SubscriptionRequest.ToAPI Method

This is mostly for internal processing needs - it takes the SubscriptionRequest and turns it into something the Gateway can serialize.

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

**C#**

```csharp
public ARBSubscriptionType ToAPI()
```

**Visual Basic**

```vbnet
Public Function ToAPI As ARBSubscriptionType
```

**Visual C++**

```cpp
public:
virtual ARBSubscriptionType^ ToAPI() sealed
```

**Return Value**

**Implements**

```csharp
ISubscriptionRequest::ToAPI();
```
See Also

SubscriptionRequest Class
AuthorizeNet Namespace

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SubscriptionRequest...ToUpdatableAPI Method

The Update function won't accept a change to some values - specifically the billing interval. This creates a request that the API can understand for updates only

**Namespace:** AuthorizeNet

**Assembly:** AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

**C#**

```csharp
public ARBSubscriptionType ToUpdateableAPI()
```

**Visual Basic**

```vbnet
Public Function ToUpdateableAPI As ARBSubscriptionType
```

**Visual C++**

```cpp
public:
    virtual ARBSubscriptionType^ ToUpdateableAPI() sealed
```

**Return Value**

**Implements**

`ISubscriptionRequest::::ToUpdateableAPI()`
See Also

SubscriptionRequest Class
AuthorizeNet Namespace

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SubscriptionRequest...UsingCreditCard Method

Adds a credit card payment to the subscription. This is required.

**Namespace:** AuthorizeNet

**Assembly:** AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
## Syntax

### C#

```csharp
public SubscriptionRequest UsingCreditCard(
    string firstName,
    string lastName,
    string cardNumber,
    int cardExpirationYear,
    int cardExpirationMonth
)
```

### Visual Basic

```vbnet
Public Function UsingCreditCard ( _
    firstName As String, _
    lastName As String, _
    cardNumber As String, _
    cardExpirationYear As Integer, _
    cardExpirationMonth As Integer _
) As SubscriptionRequest
```

### Visual C++

```cpp
public:
virtual SubscriptionRequest^ UsingCreditCard(
    String^ firstName,
    String^ lastName,
    String^ cardNumber,
    int cardExpirationYear,
    int cardExpirationMonth
) sealed
```

### Parameters

- **firstName**
  - Type: `System:::String`
  - The first name.

- **lastName**
Type: `System.String`
The last name.

cardNumber
Type: `System.String`
The card number.

cardExpirationYear
Type: `System.Int32`
The card expiration year.

cardExpirationMonth
Type: `System.Int32`
The card expiration month.

**Return Value**

**Implements**

`ISubscriptionRequest.UsingCreditCard(String, String, String, Int32, Int32)`
See Also

SubscriptionRequest Class
AuthorizeNet Namespace

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SubscriptionRequest:::WithBillingAddress Method

Adds a full billing address - which is required for a credit card.

**Namespace:** AuthorizeNet

**Assembly:** AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

C#

public SubscriptionRequest WithBillingAddress(Address add)

Visual Basic

Public Function WithBillingAddress(_
   add As Address _
) As SubscriptionRequest

Visual C++

public:
virtual SubscriptionRequest^ WithBillingAddress(_
   Address^ add
) sealed

Parameters

add
   Type: AuthorizeNet::::Address
   The add.

Return Value

Implements

ISubscriptionRequest:::WithBillingAddress(Address)
See Also

SubscriptionRequest Class
AuthorizeNet Namespace

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SubscriptionRequest..:..WithShippingAddress Method
SubscriptionRequest Class See Also Send Feedback

Adds a shipping address to the request.

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
### Syntax

**C#**

```csharp
public SubscriptionRequest WithShippingAddress(
    Address add
)
```

**Visual Basic**

```vbnet
Public Function WithShippingAddress ( _
    add As Address _
) As SubscriptionRequest
```

**Visual C++**

```cpp
public:
    virtual SubscriptionRequest^ WithShippingAddress(
        Address^ add
    ) sealed
```

### Parameters

`add`

- **Type:** AuthorizeNet::::Address
- The address to ship to

### Return Value

Implements

`ISubscriptionRequest::::WithShippingAddress(Address)`
See Also

SubscriptionRequest Class
AuthorizeNet Namespace

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The SubscriptionRequest type exposes the following members.
## Properties

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Amount</td>
<td></td>
</tr>
<tr>
<td>BillingAddress</td>
<td></td>
</tr>
<tr>
<td>BillingCycles</td>
<td></td>
</tr>
<tr>
<td>BillingInterval</td>
<td></td>
</tr>
<tr>
<td>BillingIntervalUnits</td>
<td></td>
</tr>
<tr>
<td>CardCode</td>
<td></td>
</tr>
<tr>
<td>CardExpirationMonth</td>
<td></td>
</tr>
<tr>
<td>CardExpirationYear</td>
<td></td>
</tr>
<tr>
<td>CardNumber</td>
<td></td>
</tr>
<tr>
<td>CustomerEmail</td>
<td></td>
</tr>
<tr>
<td>ShippingAddress</td>
<td></td>
</tr>
<tr>
<td>StartsOn</td>
<td></td>
</tr>
<tr>
<td>SubscriptionID</td>
<td></td>
</tr>
<tr>
<td>SubscriptionName</td>
<td></td>
</tr>
<tr>
<td>TrialAmount</td>
<td></td>
</tr>
<tr>
<td>TrialBillingCycles</td>
<td></td>
</tr>
</tbody>
</table>
See Also

SubscriptionRequest Class
AuthorizeNet Namespace

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SubscriptionRequest. Amount Property

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
### Syntax

**C#**

```csharp
public decimal Amount { get; set; }
```

**Visual Basic**

```vbnet
Public Property Amount As Decimal
    Get
    Set
```

**Visual C++**

```cpp
public:
    virtual property Decimal Amount {
        Decimal get () sealed;
        void set (Decimal value) sealed;
    }
```

### Implements

```csharp
ISubscriptionRequest::Amount
```
A .NET Library aimed at helping you get up to speed quickly with Authorize.NET

SubscriptionRequest...BillingAddress Property

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

C#

public Address BillingAddress { get; set; }

Visual Basic

Public Property BillingAddress As Address
Get
Set

Visual C++

public:
virtual property Address^ BillingAddress {
    Address^ get () sealed;
    void set (Address^ value) sealed;
}

Implements

ISubscriptionRequest::BillingAddress
See Also

SubscriptionRequest Class
AuthorizeNet Namespace

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BillingCycles Property

See Also: Send Feedback

**Namespace:** AuthorizeNet

**Assembly:** AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

C#

public short BillingCycles { get; set; }

Visual Basic

Public Property BillingCycles As Short
    Get
    Set

Visual C++

public:
    virtual property short BillingCycles {
        short get () sealed;
        void set (short value) sealed;
    }

Implements

ISubscriptionRequest:::BillingCycles
See Also

SubscriptionRequest Class
AuthorizeNet Namespace

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SubscriptionRequest...BillingInterval Property

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

C#

public short BillingInterval { get; set; }

Visual Basic

Public Property BillingInterval As Short
Get
Set

Visual C++

public:
virtual property short BillingInterval {
    short get () sealed;
    void set (short value) sealed;
}

Implements

ISubscriptionRequest::BillingInterval
See Also

SubscriptionRequest Class
AuthorizeNet Namespace

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SubscriptionRequest.BillingIntervalUnits Property

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

C#

```csharp
public BillingIntervalUnits BillingIntervalUnits { get; set; }
```

Visual Basic

```vbnet
Public Property BillingIntervalUnits As BillingIntervalUnits
    Get
        Set
    End Property
```

Visual C++

```cpp
public: 
    virtual property BillingIntervalUnits BillingIntervalUnits { 
        BillingIntervalUnits get () sealed;
        void set (BillingIntervalUnits value) sealed;
    }
```

Implements

```csharp
ISubscriptionRequest...::BillingIntervalUnits
```
See Also

SubscriptionRequest Class
AuthorizeNet Namespace

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CardCode Property

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
**Syntax**

**C#**

```csharp
public string CardCode { get; set; }
```

**Visual Basic**

```vbnet
Public Property CardCode As String
    Get
        Set
```

**Visual C++**

```cpp
public:
    virtual property String^ CardCode {
        String^ get () sealed;
        void set (String^ value) sealed;
    }
```

**Implements**

```csharp
ISubscriptionRequest::::CardCode
```
See Also

SubscriptionRequest Class
AuthorizeNet Namespace

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SubscriptionRequest:::CardExpirationMonth Property

SubscriptionRequest Class See Also Send Feedback

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

C#

```csharp
public int CardExpirationMonth { get; set; }
```

Visual Basic

```vbnet
Public Property CardExpirationMonth As Integer
    Get
    Set
```

Visual C++

```cpp
public:
    virtual property int CardExpirationMonth {
        int get () sealed;
        void set (int value) sealed;
    }
```

Implements

```cs
ISubscriptionRequest..::..CardExpirationMonth
```
See Also

SubscriptionRequest Class
AuthorizeNet Namespace

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Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

C#

public int CardExpirationYear { get; set; }

Visual Basic

Public Property CardExpirationYear As Integer
   Get
   Set

Visual C++

public:
virtual property int CardExpirationYear {
   int get () sealed;
   void set (int value) sealed;
}

Implements

ISubscriptionRequest:::.:::CardExpirationYear
See Also

SubscriptionRequest Class
AuthorizeNet Namespace

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SubscriptionRequest..:..CardNumber Property

See Also: Send Feedback

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

C#

public string CardNumber { get; set; }

Visual Basic

Public Property CardNumber As String
    Get
    Set

Visual C++

public:
virtual property String^ CardNumber {
    String^ get () sealed;
    void set (String^ value) sealed;
}

Implements

ISubscriptionRequest::CardNumber
See Also

SubscriptionRequest Class
AuthorizeNet Namespace

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**CustomerEmail Property**

**SubscriptionRequest Class**
Syntax

C#

public string CustomerEmail { get; set; }

Visual Basic

Public Property CustomerEmail As String
    Get
    Set

Visual C++

public:
    virtual property String^ CustomerEmail { 
    String^ get () sealed;
    void set (String^ value) sealed;
}

Implements

ISubscriptionRequest::CustomerEmail
See Also

SubscriptionRequest Class
AuthorizeNet Namespace

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SubscriptionRequest.ShippingAddress Property

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
**Syntax**

**C#**

```csharp
public Address ShippingAddress { get; set; }
```

**Visual Basic**

```vbnet
Public Property ShippingAddress As Address
    Get
    Set
```

**Visual C++**

```cpp
public:
    virtual property Address^ ShippingAddress {
        Address^ get () sealed;
        void set (Address^ value) sealed;
    }
```

**Implements**

```none
ISubscriptionRequest:::ShippingAddress
```
See Also

SubscriptionRequest Class
AuthorizeNet Namespace

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SubscriptionRequest..:.:StartsOn Property
SubscriptionRequest Class  See Also  Send Feedback

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

C#

public DateTime StartsOn { get; set; }

Visual Basic

Public Property StartsOn As DateTime
    Get
    Set

Visual C++

public:
virtual property DateTime StartsOn { DateTime get () sealed;
    void set (DateTime value) sealed;
}

Implements

ISubscriptionRequest...::...StartsOn
See Also

SubscriptionRequest Class
AuthorizeNet Namespace

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SubscriptionRequest..::..SubscriptionID Property

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

C#

public string SubscriptionID { get; set; }

Visual Basic

Public Property SubscriptionID As String
    Get
    Set

Visual C++

public:
    virtual property String^ SubscriptionID {
        String^ get () sealed;
        void set (String^ value) sealed;
    }

Implements

ISubscriptionRequest::SubscriptionID
See Also

SubscriptionRequest Class
AuthorizeNet Namespace

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SubscriptionRequest..:.SubscriptionName Property

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

C#

public string SubscriptionName { get; set; }

Visual Basic

Public Property SubscriptionName As String
Get
Set

Visual C++

public:
virtual property String^ SubscriptionName {
    String^ get () sealed;
    void set (String^ value) sealed;
}

Implements

ISubscriptionRequest::SubscriptionName
See Also

SubscriptionRequest Class
AuthorizeNet Namespace

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**TrialAmount Property**

See Also: SubscriptionRequest Class

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

C#

public decimal TrialAmount { get; set; }

Visual Basic

Public Property TrialAmount As Decimal
Get
Set

Visual C++

public:
virtual property Decimal TrialAmount {
    Decimal get () sealed;
    void set (Decimal value) sealed;
}

Implements

ISubscriptionRequest...,...,TrialAmount
See Also

SubscriptionRequest Class
AuthorizeNet Namespace

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SubscriptionRequest.TrialBillingCycles Property

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

**C#**

```csharp
public short TrialBillingCycles { get; set; }
```

**Visual Basic**

```vbnet
Public Property TrialBillingCycles As Short
    Get
    Set
```

**Visual C++**

```cpp
public:
    virtual property short TrialBillingCycles {
        short get () sealed;
        void set (short value) sealed;
    }
```

**Implements**

```
ISubscriptionRequest:::TrialBillingCycles
```
See Also

SubscriptionRequest Class
AuthorizeNet Namespace

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Transaction Class

Members See Also Send Feedback

A representational class for a Transaction

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

C#

public class Transaction

Visual Basic

Public Class Transaction

Visual C++

public ref class Transaction
Inheritance Hierarchy

System...Object
AuthorizeNet...Transaction
See Also

Transaction Members
AuthorizeNet Namespace

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The Transaction type exposes the following members.
## Constructors

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Transaction</td>
<td>Initializes a new instance of the Transaction class.</td>
</tr>
</tbody>
</table>
# Methods

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Equals</strong></td>
<td>Determines whether the specified <strong>Object</strong> is equal to the current <strong>Object</strong>. (Inherited from <strong>Object</strong>.)</td>
</tr>
<tr>
<td><strong>GetHashCode</strong></td>
<td>Serves as a hash function for a particular type. (Inherited from <strong>Object</strong>.)</td>
</tr>
<tr>
<td><strong>GetType</strong></td>
<td>Gets the <strong>Type</strong> of the current instance. (Inherited from <strong>Object</strong>.)</td>
</tr>
<tr>
<td><strong>NewFromResponse(transactionDetailsType)</strong></td>
<td>Creates a Transaction directly from the API Response.</td>
</tr>
<tr>
<td><strong>NewFromResponse(transactionSummaryType)</strong></td>
<td>Creates a Transaction directly from the API Response.</td>
</tr>
<tr>
<td><strong>NewListFromResponse</strong></td>
<td>Creates a list of Transactions directly from the API Response.</td>
</tr>
<tr>
<td><strong>ToString</strong></td>
<td>Returns a <strong>String</strong> that represents the current <strong>Object</strong>. (Inherited from <strong>Object</strong>.)</td>
</tr>
</tbody>
</table>
## Properties

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>AuthorizationAmount</td>
<td>Gets or sets the authorization amount.</td>
</tr>
<tr>
<td>AuthorizationCode</td>
<td>Gets or sets the authorization code.</td>
</tr>
<tr>
<td>AVSCode</td>
<td>Gets or sets the AVS code.</td>
</tr>
<tr>
<td>AVSResponse</td>
<td>Gets the AVS response.</td>
</tr>
<tr>
<td>BatchSettledOn</td>
<td>Gets or sets the batch settled on.</td>
</tr>
<tr>
<td>BatchSettlementID</td>
<td>Gets or sets the batch settlement ID.</td>
</tr>
<tr>
<td>BatchSettlementState</td>
<td>Gets or sets the state of the batch settlement.</td>
</tr>
<tr>
<td>BillingAddress</td>
<td>Gets or sets the billing address.</td>
</tr>
<tr>
<td>CardExpiration</td>
<td>Gets or sets the card expiration.</td>
</tr>
<tr>
<td>CardNumber</td>
<td>Gets or sets the card number.</td>
</tr>
<tr>
<td>CardResponse</td>
<td>Gets the card response.</td>
</tr>
<tr>
<td>CardResponseCode</td>
<td>Gets or sets the card response code.</td>
</tr>
<tr>
<td>CardType</td>
<td>Gets or sets the type of the card.</td>
</tr>
<tr>
<td>CAVVCode</td>
<td>Gets or sets the CAVV code.</td>
</tr>
<tr>
<td>CAVVResponse</td>
<td>Gets the CAVV response.</td>
</tr>
<tr>
<td>CustomerEmail</td>
<td>Gets or sets the customer email.</td>
</tr>
<tr>
<td>CustomerID</td>
<td>Gets or sets the customer ID.</td>
</tr>
<tr>
<td>DateSubmitted</td>
<td>Gets or sets the date submitted.</td>
</tr>
<tr>
<td>Description</td>
<td>Gets or sets the description.</td>
</tr>
<tr>
<td>Duty</td>
<td>Gets or sets the duty.</td>
</tr>
<tr>
<td>DutyDescription</td>
<td>Gets or sets the duty description.</td>
</tr>
<tr>
<td>FirstName</td>
<td>Gets or sets the first name.</td>
</tr>
<tr>
<td>FraudFilters</td>
<td>Gets or sets the fraud filters.</td>
</tr>
<tr>
<td>InvoiceNumber</td>
<td>Gets or sets the invoice number.</td>
</tr>
<tr>
<td>IsRecurring</td>
<td>Gets or sets a value indicating whether this instance is recurring.</td>
</tr>
<tr>
<td>LastName</td>
<td>Gets or sets the last name.</td>
</tr>
<tr>
<td>LineItems</td>
<td>Gets the line items.</td>
</tr>
<tr>
<td>Property</td>
<td>Description</td>
</tr>
<tr>
<td>-------------------</td>
<td>--------------------------------------------------</td>
</tr>
<tr>
<td>OrderDescription</td>
<td>Gets or sets the order description.</td>
</tr>
<tr>
<td>PONumber</td>
<td>Gets or sets the PO number.</td>
</tr>
<tr>
<td>RequestedAmount</td>
<td>Gets or sets the requested amount.</td>
</tr>
<tr>
<td>ResponseCode</td>
<td>Gets or sets the response code.</td>
</tr>
<tr>
<td>ResponseReason</td>
<td>Gets or sets the response reason.</td>
</tr>
<tr>
<td>SettleAmount</td>
<td>Gets or sets the settle amount.</td>
</tr>
<tr>
<td>Shipping</td>
<td>Gets or sets the shipping.</td>
</tr>
<tr>
<td>ShippingAddress</td>
<td>Gets or sets the shipping address.</td>
</tr>
<tr>
<td>ShippingDescription</td>
<td>Gets or sets the shipping description.</td>
</tr>
<tr>
<td>Status</td>
<td>Gets or sets the status.</td>
</tr>
<tr>
<td>Tax</td>
<td>Gets or sets the tax.</td>
</tr>
<tr>
<td>TaxDescription</td>
<td>Gets or sets the tax description.</td>
</tr>
<tr>
<td>TaxExempt</td>
<td>Gets or sets a value indicating whether [tax exempt].</td>
</tr>
<tr>
<td>TransactionID</td>
<td>Gets or sets the transaction ID.</td>
</tr>
<tr>
<td>TransactionType</td>
<td>Gets or sets the type of the transaction.</td>
</tr>
</tbody>
</table>
See Also

Transaction Class
AuthorizeNet Namespace

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Transaction Constructor

Initializes a new instance of the Transaction class.

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

**C#**

public Transaction()

**Visual Basic**

Public Sub New

**Visual C++**

public:
Transaction()
See Also

Transaction Class
AuthorizeNet Namespace

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Transaction Methods

Transaction Class See Also Send Feedback

The Transaction type exposes the following members.
## Methods

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
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</tr>
<tr>
<td><strong>GetHashCode</strong></td>
<td>Serves as a hash function for a particular type. (Inherited from <code>Object</code>.)</td>
</tr>
<tr>
<td><strong>GetType</strong></td>
<td>Gets the <code>Type</code> of the current instance. (Inherited from <code>Object</code>.)</td>
</tr>
<tr>
<td><strong>NewFromResponse(transactionDetailsType)</strong></td>
<td>Creates a Transaction directly from the API Response.</td>
</tr>
<tr>
<td><strong>NewFromResponse(transactionSummaryType)</strong></td>
<td>Creates a Transaction directly from the API Response.</td>
</tr>
<tr>
<td><strong>NewListFromResponse</strong></td>
<td>Creates a list of Transactions directly from the API Response.</td>
</tr>
<tr>
<td><strong>ToString</strong></td>
<td>Returns a <code>String</code> that represents the current <code>Object</code>. (Inherited from <code>Object</code>.)</td>
</tr>
</tbody>
</table>
See Also

Transaction Class
AuthorizeNet Namespace

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Transaction...:::NewFromResponse Method

Transaction Class See Also Send Feedback
## Overload List

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
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<tr>
<td><img src="NewFromResponse(transactionDetailsType)" alt="User" /></td>
<td>Creates a Transaction directly from the API Response</td>
</tr>
<tr>
<td><img src="NewFromResponse(transactionSummaryType)" alt="User" /></td>
<td>Creates a Transaction directly from the API Response</td>
</tr>
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</table>
See Also

Transaction Class
Transaction Members
AuthorizeNet Namespace

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**NewFromResponse Method ()**

**Transaction Class See Also Send Feedback**

Creates a Transaction directly from the API Response

**Namespace:** AuthorizeNet

**Assembly:** AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
### Syntax

**C#**

```csharp
public static Transaction NewFromResponse(
    transactionDetailsType trans
)
```

**Visual Basic**

```vbnet
Public Shared Function NewFromResponse ( _
    trans As transactionDetailsType _
) As Transaction
```

**Visual C++**

```cpp
public:
    static Transaction^ NewFromResponse(
        transactionDetailsType^ trans
    )
```

### Parameters

**trans**

Type: transactionDetailsType

The trans.

### Return Value
See Also

Transaction Class
NewFromResponse Overload
AuthorizeNet Namespace

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Transaction:::NewFromResponse Method ()

Transaction Class See Also Send Feedback

Creates a Transaction directly from the API Response

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

**C#**

```csharp
public static Transaction NewFromResponse(
    transactionSummaryType trans
)
```

**Visual Basic**

```vbnet
Public Shared Function NewFromResponse (_
    trans As transactionSummaryType _
) As Transaction
```

**Visual C++**

```cpp
public:
static Transaction^ NewFromResponse(
    transactionSummaryType^ trans
)
```

**Parameters**

`trans`  
Type: transactionSummaryType  
The trans.

**Return Value**
See Also

Transaction Class
NewFromResponse Overload
AuthorizeNet Namespace

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Transaction..::..NewListFromResponse Method

Creates a list of Transactions directly from the API Response.

**Namespace:** AuthorizeNet

**Assembly:** AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

C#

```csharp
public static List<Transaction> NewListFromResponse(
    transactionSummaryType[] transactions
)
```

Visual Basic

```vbasic
Public Shared Function NewListFromResponse ( _
    transactions As transactionSummaryType() _
) As List(Of Transaction)
```

Visual C++

```csharp
public:
static List<Transaction>^ NewListFromResponse(
    array<transactionSummaryType[^>^ transactions
)
```

Parameters

transactions
Type: array<transactionSummaryType>[]
The transactions.

Return Value
See Also

Transaction Class
AuthorizeNet Namespace

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Transaction Properties

The **Transaction** type exposes the following members.
## Properties

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>AuthorizationAmount</td>
<td>Gets or sets the authorization amount.</td>
</tr>
<tr>
<td>AuthorizationCode</td>
<td>Gets or sets the authorization code.</td>
</tr>
<tr>
<td>AVSCode</td>
<td>Gets or sets the AVS code.</td>
</tr>
<tr>
<td>AVSResponse</td>
<td>Gets the AVS response.</td>
</tr>
<tr>
<td>BatchSettledOn</td>
<td>Gets or sets the batch settled on.</td>
</tr>
<tr>
<td>BatchSettlementID</td>
<td>Gets or sets the batch settlement ID.</td>
</tr>
<tr>
<td>BatchSettlementState</td>
<td>Gets or sets the state of the batch settlement.</td>
</tr>
<tr>
<td>BillingAddress</td>
<td>Gets or sets the billing address.</td>
</tr>
<tr>
<td>CardExpiration</td>
<td>Gets or sets the card expiration.</td>
</tr>
<tr>
<td>CardNumber</td>
<td>Gets or sets the card number.</td>
</tr>
<tr>
<td>CardResponse</td>
<td>Gets the card response.</td>
</tr>
<tr>
<td>CardResponseCode</td>
<td>Gets or sets the card response code.</td>
</tr>
<tr>
<td>CardType</td>
<td>Gets or sets the type of the card.</td>
</tr>
<tr>
<td>CAVVCode</td>
<td>Gets or sets the CAVV code.</td>
</tr>
<tr>
<td>CAVVResponse</td>
<td>Gets the CAVV response.</td>
</tr>
<tr>
<td>CustomerEmail</td>
<td>Gets or sets the customer email.</td>
</tr>
<tr>
<td>CustomerID</td>
<td>Gets or sets the customer ID.</td>
</tr>
<tr>
<td>DateSubmitted</td>
<td>Gets or sets the date submitted.</td>
</tr>
<tr>
<td>Description</td>
<td>Gets or sets the description.</td>
</tr>
<tr>
<td>Duty</td>
<td>Gets or sets the duty.</td>
</tr>
<tr>
<td>DutyDescription</td>
<td>Gets or sets the duty description.</td>
</tr>
<tr>
<td>FirstName</td>
<td>Gets or sets the first name.</td>
</tr>
<tr>
<td>FraudFilters</td>
<td>Gets or sets the fraud filters.</td>
</tr>
<tr>
<td>InvoiceNumber</td>
<td>Gets or sets the invoice number.</td>
</tr>
<tr>
<td>IsRecurring</td>
<td>Gets or sets a value indicating whether this instance is recurring.</td>
</tr>
<tr>
<td>LastName</td>
<td>Gets or sets the last name.</td>
</tr>
<tr>
<td>LineItems</td>
<td>Gets the line items.</td>
</tr>
</tbody>
</table>
OrderDescription  Gets or sets the order description.
PONumber        Gets or sets the PO number.
RequestedAmount Gets or sets the requested amount.
ResponseCode    Gets or sets the response code.
ResponseReason  Gets or sets the response reason.
SettleAmount    Gets or sets the settle amount.
Shipping        Gets or sets the shipping.
ShippingAddress Gets or sets the shipping address.
ShippingDescription Gets or sets the shipping description.
Status          Gets or sets the status.
Tax             Gets or sets the tax.
TaxDescription  Gets or sets the tax description.
TaxExempt       Gets or sets a value indicating whether [tax exempt].
TransactionID   Gets or sets the transaction ID.
TransactionType Gets or sets the type of the transaction.
See Also

Transaction Class
AuthorizeNet Namespace

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Transaction..::..AuthorizationAmount Property

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0

Gets or sets the authorization amount.
Syntax

C#

```csharp
public decimal AuthorizationAmount { get; set; }
```

Visual Basic

```vbnet
Public Property AuthorizationAmount As Decimal
Get
Set
```

Visual C++

```cpp
public:
property Decimal AuthorizationAmount {
   Decimal get ();
   void set (Decimal value);
}
```

Field Value

The authorization amount.
See Also

Transaction Class
AuthorizeNet Namespace

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**AuthorizationCode Property**

Gets or sets the authorization code.

**Namespace:** AuthorizeNet  
**Assembly:** AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
**Syntax**

**C#**

public `string` AuthorizationCode { get; set; }

**Visual Basic**

Public Property AuthorizationCode As `String`
   Get
   Set

**Visual C++**

public:
property `String`^ AuthorizationCode {
   `String`^ get ();
   void set (`String`^ value);
}

**Field Value**

The authorization code.
See Also

Transaction Class
AuthorizeNet Namespace

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AVSCode Property

Gets or sets the AVS code.

**Namespace:** AuthorizeNet

**Assembly:** AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

**C#**

```csharp
public string AVSCode { get; set; }
```

**Visual Basic**

```vbnet
Public Property AVSCode As String
    Get
    Set
```

**Visual C++**

```cpp
public:
    property String^ AVSCode {
        String^ get ();
        void set (String^ value);
    }
```

**Field Value**

The AVS code.
See Also

Transaction Class
AuthorizeNet Namespace

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Transaction..:..AVSResponse Property

**Namespace:** AuthorizeNet

**Assembly:** AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0

Gets the AVS response.
Syntax

C#

public string AVSResponse { get; }

Visual Basic

Public ReadOnly Property AVSResponse As String
    Get

Visual C++

public:
    property String^ AVSResponse {
        String^ get ();
    }

Field Value

The AVS response.
See Also

Transaction Class
AuthorizeNet Namespace

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**BatchSettledOn Property**

*Transaction Class* [See Also](#) [Send Feedback](#)

Gets or sets the batch settled on.

**Namespace:** [AuthorizeNet](#)

**Assembly:** AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
### Syntax

**C#**

```csharp
public DateTime BatchSettledOn { get; set; }
```

**Visual Basic**

```vbnet
Public Property BatchSettledOn As DateTime
    Get
    Set
```

**Visual C++**

```cpp
public:
    property DateTime BatchSettledOn {
        DateTime get ();
        void set (DateTime value);
    }
```

### Field Value

The batch settled on.
See Also

Transaction Class
AuthorizeNet Namespace

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**BatchSettlementID Property**

`Transaction.BatchSettlementID` Property

Gets or sets the batch settlement ID.

**Namespace:** AuthorizeNet

**Assembly:** AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

C#

public string BatchSettlementID { get; set; }

Visual Basic

Public Property BatchSettlementID As String
    Get
    Set

Visual C++

public:
    property String^ BatchSettlementID {  
        String^ get ();
        void set (String^ value);
    }

Field Value

The batch settlement ID.
See Also

Transaction Class
AuthorizeNet Namespace

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**BatchSettlementState Property**

`BatchSettlementState` is a property of the `Transaction` class.

**Namespace:** AuthorizeNet

**Assembly:** AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0

Gets or sets the state of the batch settlement.
## Syntax

### C#

```csharp
public string BatchSettlementState { get; set; }
```

### Visual Basic

```vbnet
Public Property BatchSettlementState As String
    Get
    Set
```

### Visual C++

```cpp
public:
    property String^ BatchSettlementState { 
        String^ get ();
        void set (String^ value);
    }
```

## Field Value

The state of the batch settlement.
See Also

Transaction Class
AuthorizeNet Namespace

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Transaction..::..BillingAddress Property

**Transaction Class** | **See Also** | **Send Feedback**

Gets or sets the billing address.

**Namespace:** AuthorizeNet

**Assembly:** AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

**C#**

```csharp
public Address BillingAddress { get; set; }
```

**Visual Basic**

```vbnet
Public Property BillingAddress As Address
    Get
        Address
    End Get
    Set(ByVal value As Address)
End Set
```

**Visual C++**

```cpp
public:
    property Address^ BillingAddress { 
        Address^ get();
        void set (Address^ value);
    }
```

**Field Value**

The billing address.
See Also

Transaction Class
AuthorizeNet Namespace

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Transaction..:.:CardExpiration Property

Gets or sets the card expiration.

**Namespace:** AuthorizeNet

**Assembly:** AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

C#

public string CardExpiration { get; set; }

Visual Basic

Public Property CardExpiration As String
    Get
    Set

Visual C++

public:
    property String^ CardExpiration {
        String^ get ();
        void set (String^ value);
    }

Field Value

The card expiration.
See Also

Transaction Class
AuthorizeNet Namespace

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Transaction..::..CardNumber Property

namespace: AuthorizeNet

Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
**Syntax**

**C#**

```csharp
public string CardNumber { get; set; }
```

**Visual Basic**

```vbnet
Public Property CardNumber As String
    Get
        ...
    End Get
    Set
        ...
    End Set
End Property
```

**Visual C++**

```cpp
public:
    property String^ CardNumber {
        String^ get ();
        void set (String^ value);
    }
```

**Field Value**

The card number.
See Also

Transaction Class
AuthorizeNet Namespace

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CardResponse Property

Gets the card response.

**Namespace:** AuthorizeNet

**Assembly:** AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
**Syntax**

**C#**

```csharp
public string CardResponse { get; }
```

**Visual Basic**

```vbnet
Public ReadOnly Property CardResponse As String
    Get
```

**Visual C++**

```cpp
public:
    property String^ CardResponse { 
        String^ get (); 
    }
```

**Field Value**

The card response.
See Also

- Transaction Class
- AuthorizeNet Namespace

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Transaction Class See Also Send Feedback

Gets or sets the card response code.

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

C#

public string CardResponseCode { get; set; }

Visual Basic

Public Property CardResponseCode As String
    Get
    Set

Visual C++

public:
    property String^ CardResponseCode {
        String^ get ();
        void set (String^ value);
    }

Field Value

The card response code.
See Also

Transaction Class
AuthorizeNet Namespace

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**Transaction..:**..CardType Property

*Transaction Class* See Also Send Feedback

Gets or sets the type of the card.

**Namespace:** AuthorizeNet

**Assembly:** AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

C#

public string CardType { get; set; }

Visual Basic

Public Property CardType As String
   Get
   Set

Visual C++

public:
property String^ CardType {
   String^ get ();
   void set (String^ value);
}

Field Value

The type of the card.
See Also

Transaction Class
AuthorizeNet Namespace

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`CAVVCode Property`

**Transaction Class** See Also Send Feedback

Gets or sets the CAVV code.

**Namespace:** AuthorizeNet

**Assembly:** AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
**Syntax**

**C#**

```csharp
public string CAVVCode { get; set; }
```

**Visual Basic**

```vbnet
Public Property CAVVCode As String
    Get
    Set
```

**Visual C++**

```cpp
public:
    property String^ CAVVCode {
        String^ get ();
        void set (String^ value);
    }
```

**Field Value**

The CAVV code.
See Also

Transaction Class
AuthorizeNet Namespace

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**CAVVResponse Property**

Gets the CAVV response.

**Namespace:** AuthorizeNet

**Assembly:** AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

C#

public string CAVVResponse { get; }

Visual Basic

Public ReadOnly Property CAVVResponse As String
Get

Visual C++

public:
property String^ CAVVResponse {
    String^ get ();
}

Field Value

The CAVV response.
See Also

Transaction Class
AuthorizeNet Namespace

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Transaction..::..CustomerEmail Property

Gets or sets the customer email.

**Namespace:** AuthorizeNet

**Assembly:** AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
**Syntax**

**C#**

```csharp
public string CustomerEmail { get; set; }
```

**Visual Basic**

```vbnet
Public Property CustomerEmail As String
    Get
    Set
```

**Visual C++**

```cpp
public:
    property String^ CustomerEmail { 
        String^ get ();
        void set (String^ value);
    }
```

**Field Value**

The customer email.
See Also

Transaction Class
AuthorizeNet Namespace

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CustomerID Property

**Namespace:** AuthorizeNet

**Assembly:** AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

C#

public string CustomerID { get; set; }

Visual Basic

Public Property CustomerID As String
    Get
        CustomerID
    End Get
    Set
        CustomerID
    End Set

Visual C++

public:
    property String^ CustomerID {
        String^ get ();
        void set (String^ value);
    }

Field Value

The customer ID.
See Also

Transaction Class
AuthorizeNet Namespace

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C# Visual Basic Visual C++

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DateSubmitted Property

Gets or sets the date submitted.

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

C#

public DateTime DateSubmitted { get; set; }

Visual Basic

Public Property DateSubmitted As DateTime
    Get
    Set

Visual C++

public:
    property DateTime DateSubmitted { 
        DateTime get ();
        void set (DateTime value);
    }

Field Value

The date submitted.
See Also

Transaction Class
AuthorizeNet Namespace

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**Description Property**

*Transaction Class [See Also Send Feedback]*

Gets or sets the description.

**Namespace:** [AuthorizeNet](#)  
**Assembly:** AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

C#

public string Description { get; set; }

Visual Basic

Public Property Description As String
    Get
    Set

Visual C++

public:
    property String^ Description {
        String^ get ();
        void set (String^ value);  
    }

Field Value

The description.
See Also

Transaction Class
AuthorizeNet Namespace

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**Duty Property**

*Transaction Class* [See Also](#) [Send Feedback](#)

Gets or sets the duty.

**Namespace:** [AuthorizeNet](#)

**Assembly:** AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

C#

public decimal Duty { get; set; }

Visual Basic

Public Property Duty As Decimal
    Get
    Set

Visual C++

public:
    property Decimal Duty {
        Decimal get ();
        void set (Decimal value);
    }

Field Value

The duty.
See Also

Transaction Class
AuthorizeNet Namespace

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Transaction..::..DutyDescription Property

Transaction Class See Also Send Feedback

Gets or sets the duty description.

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

C#

```csharp
public string DutyDescription { get; set; }
```

Visual Basic

```vbnet
Public Property DutyDescription As String
    Get
    Set
```

Visual C++

```cpp
public:
    property String^ DutyDescription {
        String^ get ();
        void set (String^ value);
    }
```

Field Value

The duty description.
See Also

Transaction Class
AuthorizeNet Namespace

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Transaction:::FirstName Property

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0

Gets or sets the first name.
## Syntax

### C#

```csharp
public string FirstName { get; set; }
```

### Visual Basic

```vbnet
Public Property FirstName As String
    Get
    Set
```

### Visual C++

```cpp
public:
    property String^ FirstName {
        String^ get ();
        void set (String^ value);
    }
```

## Field Value

The first name.
See Also

Transaction Class
AuthorizeNet Namespace

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**FraudFilters Property**

Gets or sets the fraud filters.

**Namespace:** AuthorizeNet

**Assembly:** AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
**Syntax**

**C#**

```csharp
public IList<string> FraudFilters { get; set; }
```

**Visual Basic**

```vbnet
Public Property FraudFilters As IList(Of String)
    Get
    Set
```

**Visual C++**

```cpp
public:
    property IList<String^>^ FraudFilters {
        IList<String^>^ get ();
        void set (IList<String^>^ value);
    }
```

**Field Value**

The fraud filters.
See Also

Transaction Class
AuthorizeNet Namespace

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InvoiceNumber Property

Gets or sets the invoice number.

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

C#
public string InvoiceNumber { get; set; }

Visual Basic
Public Property InvoiceNumber As String
    Get
        Return Nothing
    End Get
    Set
        InvoiceNumber = value
End Set

Visual C++
public:
    property String^ InvoiceNumber {
        String^ get ();
        void set (String^ value);
    }

Field Value

The invoice number.
See Also

Transaction Class
AuthorizeNet Namespace

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Transaction IsRecurring Property

Gets or sets a value indicating whether this instance is recurring.

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
**Syntax**

**C#**

public bool IsRecurring { get; set; }

**Visual Basic**

Public Property IsRecurring As Boolean
Get
Set

**Visual C++**

public:
property bool IsRecurring {
    bool get ();
    void set (bool value);
}

**Field Value**

true if this instance is recurring; otherwise, false.
See Also

Transaction Class
AuthorizeNet Namespace

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Transaction..::..LastName Property

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0

Gets or sets the last name.
Syntax

C#

public string LastName { get; set; }

Visual Basic

Public Property LastName As String
    Get
    Set

Visual C++

public:
    property String^ LastName {
        String^ get ();
        void set (String^ value);
    }

Field Value

The last name.
See Also

Transaction Class
AuthorizeNet Namespace

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Transaction:::..LineItems Property

Gets the line items.

**Namespace:** AuthorizeNet

**Assembly:** AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
## Syntax

### C#

```csharp
public IList<LineItem> LineItems { get; }
```

### Visual Basic

```vbnet
Public ReadOnly Property LineItems As IList(Of LineItem)
Get
```

### Visual C++

```cpp
public:
property IList<LineItem>^ LineItems { 
    IList<LineItem>^ get ();
}
```

## Field Value

The line items.
See Also

Transaction Class
AuthorizeNet Namespace

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OrderDescription Property

Gets or sets the order description.

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
### Syntax

**C#**

```csharp
public string OrderDescription { get; set; }
```

**Visual Basic**

```vbnet
Public Property OrderDescription As String
    Get
    Set
```

**Visual C++**

```cpp
public:
property String^ OrderDescription {
    String^ get ();
    void set (String^ value);
}
```

### Field Value

The order description.
See Also

Transaction Class
AuthorizeNet Namespace

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Transaction:::..PONumber Property

**Namespace:** AuthorizeNet

**Assembly:** AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0

Gets or sets the PO number.
Syntax

C#

public string PONumber { get; set; }

Visual Basic

Public Property PONumber As String
    Get
    Set

Visual C++

public:
    property String^ PONumber {
            String^ get ();
            void set (String^ value);
    }

Field Value

The PO number.
See Also

Transaction Class
AuthorizeNet Namespace

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RequestedAmount Property

Gets or sets the requested amount.

**Namespace:** AuthorizeNet

**Assembly:** AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

C#

```csharp
public decimal RequestedAmount { get; set; }
```

Visual Basic

```vbnet
Public Property RequestedAmount As Decimal
    Get
    Set
```

Visual C++

```cpp
public:
    property Decimal RequestedAmount {
        Decimal get ();
        void set (Decimal value);
    }
```

Field Value

The requested amount.
See Also

Transaction Class
AuthorizeNet Namespace

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**ResponseCode Property**

Gets or sets the response code.

**Namespace:** AuthorizeNet

**Assembly:** AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
**Syntax**

**C#**

```csharp
public int ResponseCode { get; set; }
```

**Visual Basic**

```
Public Property ResponseCode As Integer
    Get
        Get
    Set
```

**Visual C++**

```c++
public:
    property int ResponseCode {
        int get ();
        void set (int value);
    }
```

**Field Value**

The response code.
See Also

Transaction Class
AuthorizeNet Namespace

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ResponseReason Property

Gets or sets the response reason.

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

C#

public string ResponseReason { get; set; }

Visual Basic

Public Property ResponseReason As String
Get
Set

Visual C++

public:
property String^ ResponseReason {
    String^ get ();
    void set (String^ value);
}

Field Value

The response reason.
See Also

Transaction Class
AuthorizeNet Namespace

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Transaction..::..SettleAmount Property

**Transaction Class** See Also **Send Feedback**

Gets or sets the settle amount.

**Namespace:** AuthorizeNet

**Assembly:** AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

C#

public decimal SettleAmount { get; set; }

Visual Basic

Public Property SettleAmount As Decimal
    Get
    Set

Visual C++

public:
    property Decimal SettleAmount {
        Decimal get ();
        void set (Decimal value);
    }

Field Value

The settle amount.
See Also

Transaction Class
AuthorizeNet Namespace

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Transaction...Shipping Property

Gets or sets the shipping.

**Namespace:** AuthorizeNet  
**Assembly:** AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

**C#**

```csharp
public decimal Shipping { get; set; }
```

**Visual Basic**

```vbnet
Public Property Shipping As Decimal
Get
Set
```

**Visual C++**

```cpp
public:
property Decimal Shipping {
    Decimal get ();
    void set (Decimal value);
}
```

**Field Value**

The shipping.
See Also

Transaction Class
AuthorizeNet Namespace

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**ShippingAddress Property**

`Transaction.ShippingAddress` Property

Gets or sets the shipping address.

**Namespace:** AuthorizeNet

**Assembly:** AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
**Syntax**

**C#**

```csharp
public Address ShippingAddress { get; set; }
```

**Visual Basic**

```vbnet
Public Property ShippingAddress As Address
Get
Set
```

**Visual C++**

```cpp
public:
property Address^ ShippingAddress {
    Address^ get ();
    void set (Address^ value);
}
```

**Field Value**

The shipping address.
See Also

Transaction Class
AuthorizeNet Namespace

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ShippingDescription Property

Gets or sets the shipping description.

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

C#

public string ShippingDescription { get; set; }

Visual Basic

Public Property ShippingDescription As String
 Get
   Set

Visual C++

public:
property String^ ShippingDescription {
   String^ get ();
   void set (String^ value);
}

Field Value

The shipping description.
See Also

Transaction Class
AuthorizeNet Namespace

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Transaction..::..Status Property

Gets or sets the status.

**Namespace:** AuthorizeNet

**Assembly:** AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

C#

public string Status { get; set; }

Visual Basic

Public Property Status As String
    Get
        Set

Visual C++

public:
    property String^ Status {
        String^ get ();
        void set (String^ value);
    }

Field Value

The status.
See Also

Transaction Class
AuthorizeNet Namespace

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C# Visual Basic
Visual C++

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Transaction... Tax Property

Transaction Class See Also Send Feedback

Gets or sets the tax.

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
**Syntax**

**C#**

```csharp
public decimal Tax { get; set; }
```

**Visual Basic**

```vbnet
Public Property Tax As Decimal
Get
Set
```

**Visual C++**

```cpp
public:
property Decimal Tax {
    Decimal get ();
    void set (Decimal value);
}
```

**Field Value**

The tax.
See Also

Transaction Class
AuthorizeNet Namespace

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Transaction..::..TaxDescription Property

Gets or sets the tax description.

**Namespace:** AuthorizeNet

**Assembly:** AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

C#

public string TaxDescription { get; set; }

Visual Basic

Public Property TaxDescription As String
Get
Set

Visual C++

public:
property String^ TaxDescription {
    String^ get ();
    void set (String^ value);
}

Field Value

The tax description.
See Also

Transaction Class
AuthorizeNet Namespace

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Transaction..::..TaxExempt Property

See Also: Send Feedback

Gets or sets a value indicating whether [tax exempt].

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

C#

public bool TaxExempt { get; set; }

Visual Basic

Public Property TaxExempt As Boolean
    Get
    Set

Visual C++

public:
    property bool TaxExempt {
        bool get ();
        void set (bool value);
    }

Field Value

true if [tax exempt]; otherwise, false.
See Also

Transaction Class
AuthorizeNet Namespace

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**TransactionID Property**

`TransactionID` Property

Gets or sets the transaction ID.

**Namespace:** AuthorizeNet

**Assembly:** AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

C#

public string TransactionID { get; set; }

Visual Basic

Public Property TransactionID As String
Get
Set

Visual C++

public:
property String^ TransactionID {
    String^ get ()
    void set (String^ value);
}

Field Value

The transaction ID.
See Also

Transaction Class
AuthorizeNet Namespace

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**Transaction.Type Property**

`Transaction` Class  
See Also  
Send Feedback

Gets or sets the type of the transaction.

**Namespace:** AuthorizeNet  
**Assembly:** AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

C#

public string TransactionType { get; set; }

Visual Basic

Public Property TransactionType As String
    Get
    Set

Visual C++

public:
property String^ TransactionType {
    String^ get ();
    void set (String^ value);
}

Field Value

The type of the transaction.
See Also

Transaction Class
AuthorizeNet Namespace

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TransactionStatus Enumeration

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
**Syntax**

**C#**

public enum TransactionStatus

**Visual Basic**

Public Enumeration TransactionStatus

**Visual C++**

public enum class TransactionStatus
<table>
<thead>
<tr>
<th>Member name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Approved</td>
<td></td>
</tr>
<tr>
<td>Declined</td>
<td></td>
</tr>
<tr>
<td>Error</td>
<td></td>
</tr>
<tr>
<td>HeldForReview</td>
<td></td>
</tr>
</tbody>
</table>
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VoidRequest Class

A request representing a Void of a previously authorized transaction

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
Syntax

**C#**

public class VoidRequest : GatewayRequest

**Visual Basic**

Public Class VoidRequest _
    Inherits GatewayRequest

**Visual C++**

public ref class VoidRequest : public GatewayRequest
Inheritance Hierarchy

System..::..Object
AuthorizeNet..::..GatewayRequest
AuthorizeNet..::..VoidRequest
See Also

VoidRequest Members
AuthorizeNet Namespace

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VoidRequest Members

The VoidRequest type exposes the following members.
<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>VoidRequest</td>
<td>Initializes a new instance of the VoidRequest class.</td>
</tr>
</tbody>
</table>
### Methods

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>AddCardCode</td>
<td>The 3-digit Credit Card Code (CCV) on the back of the card (Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>AddCustomer</td>
<td>Adds a Customer record to the current request (Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>AddDuty(Decimal)</td>
<td>Adds a tax value to the request (Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>AddDuty(Decimal, String, String)</td>
<td>Adds a detailed tax value to the request (Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>AddFraudCheck()</td>
<td>This method will pull the user's IP address for use with FDS. Only valid for Web-based transactions. (Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>AddFraudCheck(String)</td>
<td>This method adds the required values for Fraud Detection Suite. Your merchant must sign up for this service with Authorize.Net (Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>AddFreight(Decimal)</td>
<td>Adds a tax value to the request (Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>AddFreight(Decimal, String, String)</td>
<td>Adds a detailed tax value to the request (Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>AddInvoice</td>
<td>Adds an InvoiceNumber to the request (Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>AddLineItem</td>
<td>Adds a line item to the current order (Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>AddMerchantValue</td>
<td>This is where you can add custom values to the request, which will be returned to you in the response (Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>AddShipping</td>
<td>Adds a Shipping Record to the current request (Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>Method</td>
<td>Description</td>
</tr>
<tr>
<td>--------</td>
<td>-------------</td>
</tr>
<tr>
<td><strong>AddTax(Decimal)</strong></td>
<td>Adds a tax value to the request (Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td><strong>AddTax(Decimal, String, String)</strong></td>
<td>Adds a detailed tax value to the request (Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td><strong>Equals</strong></td>
<td>Determines whether the specified Object is equal to the current Object. (Inherited from Object.)</td>
</tr>
<tr>
<td><strong>Get</strong></td>
<td>Gets the specified key from the request. (Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td><strong>GetHashCode</strong></td>
<td>Serves as a hash function for a particular type. (Inherited from Object.)</td>
</tr>
<tr>
<td><strong>GetType</strong></td>
<td>Gets the Type of the current instance. (Inherited from Object.)</td>
</tr>
<tr>
<td><strong>Queue</strong></td>
<td>Queues the specified key into the request. (Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td><strong>ToPostString</strong></td>
<td>Outputs the queue as a delimited, URL-safe string for sending to Authorize.net as a form POST (Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td><strong>ToString</strong></td>
<td>Returns a String that represents the current Object. (Inherited from Object.)</td>
</tr>
</tbody>
</table>
## Properties

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Address</td>
<td>Gets or sets the address.</td>
</tr>
<tr>
<td></td>
<td>(Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>AllowPartialAuth</td>
<td>Gets or sets the allow partial auth.</td>
</tr>
<tr>
<td></td>
<td>(Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>Amount</td>
<td>Gets or sets the amount.</td>
</tr>
<tr>
<td></td>
<td>(Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>ApiAction</td>
<td>(Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>AuthCode</td>
<td>Gets or sets the auth code.</td>
</tr>
<tr>
<td></td>
<td>(Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>AuthenticationIndicator</td>
<td>Gets or sets the authentication indicator.</td>
</tr>
<tr>
<td></td>
<td>(Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>BankABACode</td>
<td>Gets or sets the bank ABA code.</td>
</tr>
<tr>
<td></td>
<td>(Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>BankAccountName</td>
<td>Gets or sets the name of the bank account.</td>
</tr>
<tr>
<td></td>
<td>(Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>BankAccountNumber</td>
<td>Gets or sets the bank account number.</td>
</tr>
<tr>
<td></td>
<td>(Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>BankAccountType</td>
<td>Gets or sets the type of the bank account.</td>
</tr>
<tr>
<td></td>
<td>(Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>BankCheckNumber</td>
<td>Gets or sets the bank check number.</td>
</tr>
<tr>
<td></td>
<td>(Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>BankName</td>
<td>Gets or sets the name of the bank.</td>
</tr>
<tr>
<td></td>
<td>(Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>CardCode</td>
<td>Gets or sets the credit card code.</td>
</tr>
<tr>
<td></td>
<td>(Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>CardholderAuthenticationValue</td>
<td>Gets or sets the cardholder authentication value.</td>
</tr>
<tr>
<td></td>
<td>(Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>Property</td>
<td>Description</td>
</tr>
<tr>
<td>------------------</td>
<td>-----------------------------------------------------------------------------</td>
</tr>
<tr>
<td>CardNum</td>
<td>Gets or sets the credit card number. (Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>City</td>
<td>Gets or sets the city.</td>
</tr>
<tr>
<td>Company</td>
<td>Gets or sets the company.</td>
</tr>
<tr>
<td>Country</td>
<td>Gets or sets the country.</td>
</tr>
<tr>
<td>CustId</td>
<td>Gets or sets the cust id.</td>
</tr>
<tr>
<td>CustomerIp</td>
<td>Gets or sets the customer ip.</td>
</tr>
<tr>
<td>DelimChar</td>
<td>Gets or sets the delim char.</td>
</tr>
<tr>
<td>DelimData</td>
<td>Gets or sets the delim data.</td>
</tr>
<tr>
<td>Description</td>
<td>Gets or sets the description.</td>
</tr>
<tr>
<td>DuplicateWindow</td>
<td>Gets or sets the duplicate window - the am.</td>
</tr>
<tr>
<td>Duty</td>
<td>Gets or sets the duty.</td>
</tr>
<tr>
<td>EcheckType</td>
<td>Gets or sets the type of the echeck.</td>
</tr>
<tr>
<td>Email</td>
<td>Gets or sets the email.</td>
</tr>
<tr>
<td>EmailCustomer</td>
<td>Gets or sets the email customer.</td>
</tr>
<tr>
<td>EncapChar</td>
<td>Gets or sets the encap char.</td>
</tr>
<tr>
<td>ExpDate</td>
<td>Gets or sets the exp date.</td>
</tr>
<tr>
<td>Fax</td>
<td>Gets or sets the fax.</td>
</tr>
<tr>
<td>Property</td>
<td>Description</td>
</tr>
<tr>
<td>-------------------</td>
<td>-----------------------------------------------------------------------------</td>
</tr>
<tr>
<td><strong>FirstName</strong></td>
<td>Gets or sets the first name of the ship</td>
</tr>
<tr>
<td><strong>FooterEmailReceipt</strong></td>
<td>Gets or sets the footer email receipt. (Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td><strong>Freight</strong></td>
<td>Gets or sets the freight. (Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td><strong>HeaderEmailReceipt</strong></td>
<td>Gets or sets the header email receipt. (Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td><strong>InvoiceNum</strong></td>
<td>Gets or sets the invoice num. (Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td><strong>LastName</strong></td>
<td>Gets or sets the last name. (Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td><strong>LineItem</strong></td>
<td>Gets or sets the line item. (Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td><strong>Login</strong></td>
<td>Gets or sets the login. (Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td><strong>Method</strong></td>
<td>Gets or sets the method. (Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td><strong>Phone</strong></td>
<td>Gets or sets the phone. (Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td><strong>PoNum</strong></td>
<td>Gets or sets the po number. (Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td><strong>Post</strong></td>
<td>(Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td><strong>RecurringBilling</strong></td>
<td>Gets or sets the recurring billing. (Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td><strong>RelayResponse</strong></td>
<td>Gets or sets the relay response. (Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td><strong>ShipToAddress</strong></td>
<td>Gets or sets the ship to address. (Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td><strong>ShipToCity</strong></td>
<td>Gets or sets the ship to city. (Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td><strong>ShipToCompany</strong></td>
<td>Gets or sets the ship to company. (Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td><strong>ShipToCountry</strong></td>
<td>Gets or sets the ship to country. (Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>Field</td>
<td>Description</td>
</tr>
<tr>
<td>------------------</td>
<td>-----------------------------------------------------------------------------</td>
</tr>
<tr>
<td>ShipToFirstName</td>
<td>Gets or sets the last name of the ship to.</td>
</tr>
<tr>
<td>ShipToLastName</td>
<td>(Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>ShipToState</td>
<td>Gets or sets the state of the ship to.</td>
</tr>
<tr>
<td>ShipToZip</td>
<td>Gets or sets the ship to zip.</td>
</tr>
<tr>
<td>SplitTenderId</td>
<td>Gets or sets the split tender id.</td>
</tr>
<tr>
<td>State</td>
<td>Gets or sets the state.</td>
</tr>
<tr>
<td>Tax</td>
<td>Gets or sets the tax.</td>
</tr>
<tr>
<td>TaxExempt</td>
<td>Gets or sets the tax exempt.</td>
</tr>
<tr>
<td>TestRequest</td>
<td>Gets or sets the test request.</td>
</tr>
<tr>
<td>TranKey</td>
<td>Gets or sets the tran key.</td>
</tr>
<tr>
<td>TransId</td>
<td>Gets or sets the trans id.</td>
</tr>
<tr>
<td>Type</td>
<td>Gets or sets the type.</td>
</tr>
<tr>
<td>Version</td>
<td>Gets or sets the version.</td>
</tr>
<tr>
<td>Zip</td>
<td>Gets or sets the zip.</td>
</tr>
</tbody>
</table>
See Also

VoidRequest Class
AuthorizeNet Namespace

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VoidRequest Constructor

Initializes a new instance of the VoidRequest class.

Namespace: AuthorizeNet
Assembly: AuthorizeNet (in AuthorizeNet.dll) Version: 0.0.0.0
# Syntax

**C#**

```csharp
public VoidRequest(
    string transactionId
)
```

**Visual Basic**

```vbnet
Public Sub New (_
    transactionId As String _
)
```

**Visual C++**

```cpp
public:
VoidRequest(
    String^ transactionId
)
```

## Parameters

`transactionId`

- Type: `System::String`
- The transaction id.
See Also

VoidRequest Class
AuthorizeNet Namespace

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VoidRequest Methods

The `VoidRequest` type exposes the following members.
## Methods

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>AddCardCode</td>
<td>The 3-digit Credit Card Code (CCV) on the back of the card (Inherited from <a href="#">GatewayRequest</a>.)</td>
</tr>
<tr>
<td>AddCustomer</td>
<td>Adds a Customer record to the current request (Inherited from <a href="#">GatewayRequest</a>.)</td>
</tr>
<tr>
<td>AddDuty(Decimal)</td>
<td>Adds a tax value to the request (Inherited from <a href="#">GatewayRequest</a>.)</td>
</tr>
<tr>
<td>AddDuty(Decimal, String, String)</td>
<td>Adds a detailed tax value to the request (Inherited from <a href="#">GatewayRequest</a>.)</td>
</tr>
<tr>
<td>AddFraudCheck()()()()()()</td>
<td>This method will pull the user's IP address for use with FDS. Only valid for Web-based transactions. (Inherited from <a href="#">GatewayRequest</a>.)</td>
</tr>
<tr>
<td>AddFraudCheck(String)</td>
<td>This method adds the required values for Fraud Detection Suite. Your merchant must sign up for this service with Authorize.Net (Inherited from <a href="#">GatewayRequest</a>.)</td>
</tr>
<tr>
<td>AddFreight(Decimal)</td>
<td>Adds a tax value to the request (Inherited from <a href="#">GatewayRequest</a>.)</td>
</tr>
<tr>
<td>AddFreight(Decimal, String, String)</td>
<td>Adds a detailed tax value to the request (Inherited from <a href="#">GatewayRequest</a>.)</td>
</tr>
<tr>
<td>AddInvoice</td>
<td>Adds an InvoiceNumber to the request (Inherited from <a href="#">GatewayRequest</a>.)</td>
</tr>
<tr>
<td>AddLineItem</td>
<td>Adds a line item to the current order (Inherited from <a href="#">GatewayRequest</a>.)</td>
</tr>
<tr>
<td>AddMerchantValue</td>
<td>This is where you can add custom values to the request, which will be returned to you in the response (Inherited from <a href="#">GatewayRequest</a>.)</td>
</tr>
<tr>
<td>AddShipping</td>
<td>Adds a Shipping Record to the current request (Inherited from <a href="#">GatewayRequest</a>.)</td>
</tr>
<tr>
<td>Method</td>
<td>Description</td>
</tr>
<tr>
<td>--------</td>
<td>-------------</td>
</tr>
<tr>
<td>AddTax(Decimal)</td>
<td>Adds a tax value to the request (Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>AddTax(Decimal, String, String)</td>
<td>Adds a detailed tax value to the request (Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>Equals</td>
<td>Determines whether the specified Object is equal to the current Object. (Inherited from Object.)</td>
</tr>
<tr>
<td>Get</td>
<td>Gets the specified key from the request. (Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>GetHashCode</td>
<td>Serves as a hash function for a particular type. (Inherited from Object.)</td>
</tr>
<tr>
<td>GetType</td>
<td>Gets the Type of the current instance. (Inherited from Object.)</td>
</tr>
<tr>
<td>Queue</td>
<td>Queues the specified key into the request. (Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>ToPostString</td>
<td>Outputs the queue as a delimited, URL-safe string for sending to Authorize.net as a form POST (Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>ToString</td>
<td>Returns a String that represents the current Object. (Inherited from Object.)</td>
</tr>
</tbody>
</table>
See Also

VoidRequest Class
AuthorizeNet Namespace

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VoidRequest...AddDuty Method

VoidRequest Class See Also Send Feedback
## Overload List

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td><code>AddDuty(Decimal)</code></td>
<td>Adds a tax value to the request (Inherited from <a href="#">GatewayRequest</a>.)</td>
</tr>
<tr>
<td><code>AddDuty(Decimal, String, String)</code></td>
<td>Adds a detailed tax value to the request (Inherited from <a href="#">GatewayRequest</a>.)</td>
</tr>
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See Also

VoidRequest Class
VoidRequest Members
AuthorizeNet Namespace

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VoidRequest....AddFraudCheck Method

VoidRequest Class See Also Send Feedback
# Overload List

<table>
<thead>
<tr>
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<tbody>
<tr>
<td><img src="Image" alt="Add Fraud Check" /></td>
<td>This method will pull the user's IP address for use with FDS. Only valid for Web-based transactions. (Inherited from <a href="#">GatewayRequest</a>.)</td>
</tr>
<tr>
<td><img src="Image" alt="Add Fraud Check" /></td>
<td>This method adds the required values for Fraud Detection Suite. Your merchant must sign up for this service with Authorize.Net (Inherited from <a href="#">GatewayRequest</a>.)</td>
</tr>
</tbody>
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See Also

VoidRequest Class
VoidRequest Members
AuthorizeNet Namespace

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VoidRequest::AddFreight Method

VoidRequest Class See Also Send Feedback
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<td>AddFreight(Decimal)</td>
<td>Adds a tax value to the request (Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>AddFreight(Decimal, String, String)</td>
<td>Adds a detailed tax value to the request (Inherited from GatewayRequest.)</td>
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See Also

VoidRequest Class
VoidRequest Members
AuthorizeNet Namespace

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VoidRequest.....AddTax Method

VoidRequest Class See Also Send Feedback
### Overload List

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<tbody>
<tr>
<td>AddTax(Decimal)</td>
<td>Adds a tax value to the request (Inherited from GatewayRequest.)</td>
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<tr>
<td>AddTax(Decimal, String, String)</td>
<td>Adds a detailed tax value to the request (Inherited from GatewayRequest.)</td>
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</table>
See Also

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VoidRequest Members
AuthorizeNet Namespace

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VoidRequest Properties

The VoidRequest type exposes the following members.
## Properties

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Address</td>
<td>Gets or sets the address.</td>
</tr>
<tr>
<td>AllowPartialAuth</td>
<td>Gets or sets the allow partial auth.</td>
</tr>
<tr>
<td>Amount</td>
<td>Gets or sets the amount.</td>
</tr>
<tr>
<td>ApiAction</td>
<td>(Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>AuthCode</td>
<td>Gets or sets the auth code.</td>
</tr>
<tr>
<td>AuthenticationIndicator</td>
<td>Gets or sets the authentication indicator.</td>
</tr>
<tr>
<td>BankABACode</td>
<td>Gets or sets the bank ABA code.</td>
</tr>
<tr>
<td>BankAccountName</td>
<td>Gets or sets the name of the bank account.</td>
</tr>
<tr>
<td>BankAccountNumber</td>
<td>Gets or sets the bank account number.</td>
</tr>
<tr>
<td>BankAccountType</td>
<td>Gets or sets the type of the bank account.</td>
</tr>
<tr>
<td>BankCheckNumber</td>
<td>Gets or sets the bank check number.</td>
</tr>
<tr>
<td>BankName</td>
<td>Gets or sets the name of the bank.</td>
</tr>
<tr>
<td>CardCode</td>
<td>Gets or sets the credit card code.</td>
</tr>
<tr>
<td>CardholderAuthenticationValue</td>
<td>Gets or sets the cardholder authentication value.</td>
</tr>
</tbody>
</table>

(Inherited from GatewayRequest.)
<table>
<thead>
<tr>
<th>Property</th>
<th>Description</th>
<th>Inherited From</th>
</tr>
</thead>
<tbody>
<tr>
<td>CardNum</td>
<td>Gets or sets the credit card number.</td>
<td>GatewayRequest</td>
</tr>
<tr>
<td>City</td>
<td>Gets or sets the city.</td>
<td>GatewayRequest</td>
</tr>
<tr>
<td>Company</td>
<td>Gets or sets the company.</td>
<td>GatewayRequest</td>
</tr>
<tr>
<td>Country</td>
<td>Gets or sets the country.</td>
<td>GatewayRequest</td>
</tr>
<tr>
<td>CustId</td>
<td>Gets or sets the cust id.</td>
<td>GatewayRequest</td>
</tr>
<tr>
<td>CustomerIp</td>
<td>Gets or sets the customer ip.</td>
<td>GatewayRequest</td>
</tr>
<tr>
<td>DelimChar</td>
<td>Gets or sets the delim char.</td>
<td>GatewayRequest</td>
</tr>
<tr>
<td>DelimData</td>
<td>Gets or sets the delim data.</td>
<td>GatewayRequest</td>
</tr>
<tr>
<td>Description</td>
<td>Gets or sets the description.</td>
<td>GatewayRequest</td>
</tr>
<tr>
<td>DuplicateWindow</td>
<td>Gets or sets the duplicate window - the am.</td>
<td>GatewayRequest</td>
</tr>
<tr>
<td>Duty</td>
<td>Gets or sets the duty.</td>
<td>GatewayRequest</td>
</tr>
<tr>
<td>EcheckType</td>
<td>Gets or sets the type of the echeck.</td>
<td>GatewayRequest</td>
</tr>
<tr>
<td>Email</td>
<td>Gets or sets the email.</td>
<td>GatewayRequest</td>
</tr>
<tr>
<td>EmailCustomer</td>
<td>Gets or sets the email customer.</td>
<td>GatewayRequest</td>
</tr>
<tr>
<td>EncapChar</td>
<td>Gets or sets the encap char.</td>
<td>GatewayRequest</td>
</tr>
<tr>
<td>ExpDate</td>
<td>Gets or sets the exp date.</td>
<td>GatewayRequest</td>
</tr>
<tr>
<td>Fax</td>
<td>Gets or sets the fax.</td>
<td>GatewayRequest</td>
</tr>
</tbody>
</table>

Gets or sets the first name.
<table>
<thead>
<tr>
<th>Property</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>FirstName</td>
<td>Gets or sets the first name of the ship</td>
</tr>
<tr>
<td>FooterEmailReceipt</td>
<td>Gets or sets the footer email receipt.</td>
</tr>
<tr>
<td>Freight</td>
<td>Gets or sets the freight.</td>
</tr>
<tr>
<td>HeaderEmailReceipt</td>
<td>Gets or sets the header email receipt.</td>
</tr>
<tr>
<td>InvoiceNum</td>
<td>Gets or sets the invoice num.</td>
</tr>
<tr>
<td>LastName</td>
<td>Gets or sets the last name.</td>
</tr>
<tr>
<td>LineItem</td>
<td>Gets or sets the line item.</td>
</tr>
<tr>
<td>Login</td>
<td>Gets or sets the login.</td>
</tr>
<tr>
<td>Method</td>
<td>Gets or sets the method.</td>
</tr>
<tr>
<td>Phone</td>
<td>Gets or sets the phone.</td>
</tr>
<tr>
<td>PoNum</td>
<td>Gets or sets the po number.</td>
</tr>
<tr>
<td>Post</td>
<td>Gets or sets the ship to address.</td>
</tr>
<tr>
<td>RecurringBilling</td>
<td>Gets or sets the recurring billing.</td>
</tr>
<tr>
<td>RelayResponse</td>
<td>Gets or sets the relay response.</td>
</tr>
<tr>
<td>ShipToAddress</td>
<td>Gets or sets the ship to address.</td>
</tr>
<tr>
<td>ShipToCity</td>
<td>Gets or sets the ship to city.</td>
</tr>
<tr>
<td>ShipToCompany</td>
<td>Gets or sets the ship to company.</td>
</tr>
<tr>
<td>ShipToCountry</td>
<td>Gets or sets the first name of the ship.</td>
</tr>
<tr>
<td>Property</td>
<td>Description</td>
</tr>
<tr>
<td>-------------------</td>
<td>-----------------------------------------------------------------------------</td>
</tr>
<tr>
<td>ShipToFirstName</td>
<td>Gets or sets the last name of the ship to. (Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>ShipToLastName</td>
<td>Gets or sets the state of the ship to. (Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>ShipToState</td>
<td>Gets or sets the ship to zip. (Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>ShipToZip</td>
<td>Gets or sets the split tender id. (Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>SplitTenderId</td>
<td>Gets or sets the state. (Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>State</td>
<td>Gets or sets the tax. (Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>Tax</td>
<td>Gets or sets the tax exempt. (Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>TaxExempt</td>
<td>Gets or sets the test request. (Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>TestRequest</td>
<td>Gets or sets the tran key. (Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>TranKey</td>
<td>Gets or sets the trans id. (Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>TransId</td>
<td>Gets or sets the type. (Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>Type</td>
<td>Gets or sets the version. (Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>Version</td>
<td>Gets or sets the zip. (Inherited from GatewayRequest.)</td>
</tr>
<tr>
<td>Zip</td>
<td></td>
</tr>
</tbody>
</table>
See Also

VoidRequest Class
AuthorizeNet Namespace

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