Treatail.NEO
Treatail.NEO.Core.Logic Namespace
## Classes

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</table>
## Enumerations

<table>
<thead>
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<th>NetworkType</th>
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</table>

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ConversionHelper Class

Namespace:  Treatail.NEO.Core.Logic
Assembly:  Treatail.NEO.Core (in Treatail.NEO.Core.dll)
Syntax

C#
VB
C++

public static class ConversionHelper

Public NotInheritable Class ConversionHelper

public ref class ConversionHelper abstract sealed
Inheritance Hierarchy

Object
Treatail.NEO.Core.Logic....ConversionHelper
See Also

ConversionHelper Members
Treatail.NEO.Core.Logic Namespace

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ConversionHelper Members

The ConversionHelper type exposes the following members.
## Methods

<table>
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<tr>
<td>BytesToHex</td>
<td>Byteses to hexadecimal.</td>
</tr>
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<td>BytesToString</td>
<td>Byteses to string.</td>
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<tr>
<td>HexToBytes</td>
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</tr>
<tr>
<td>StringToBytes</td>
<td>Strings to bytes.</td>
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</tbody>
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Treatail.NEO
ConversionHelper Methods

The ConversionHelper type exposes the following members.
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</tbody>
</table>
See Also

ConversionHelper Class
Treatail.NEO.Core.Logic Namespace

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ConversionHelper...:::BytesToHex Method

Byteses to hexadecimal.

Namespace:  Treatail.NEO.Core.Logic
Assembly:  Treatail.NEO.Core (in Treatail.NEO.Core.dll)
Syntax

C#

public static string BytesToHex(byte[] bytes)

VB

Public Shared Function BytesToHex ( _
bytes As Byte(_)
) As String

C++

public: String^ BytesToHex(
    array<unsigned char^>^ bytes
)

Parameters

bytes
    Type: array<Byte>[][]
    The bytes.

Return Value

Hex string resulting from the conversion
See Also

ConversionHelper Class
Treatail.NEO.Core.Logic Namespace

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ConversionHelper...:::BytesToString Method

Byteses to string.

Namespace:  Treatail.NEO.Core.Logic
Assembly:  Treatail.NEO.Core (in Treatail.NEO.Core.dll)
**Syntax**

**C#**
```
public static string BytesToString(byte[] bytes)
```

**VB**
```
Public Shared Function BytesToString ( _
    bytes As Byte() _
) As String
```

**C++**
```
public:
    static String^ BytesToString(
        array<unsigned char[^] bytes
    )
```

**Parameters**

**bytes**
- Type: array<Byte>[]
- The bytes.

**Return Value**

The string representation of the bytes.
See Also

ConversionHelper Class
Treatail.NEO.Core.Logic Namespace

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ConversionHelper...::..HexToBytes Method

Hexadecimals to bytes.

Namespace: [Treatail.NEO.Core.Logic](#)
Assembly: Treatail.NEO.Core (in Treatail.NEO.Core.dll)
Syntax

C#

```csharp
public static byte[] HexToBytes(
    string hexString
)
```

VB

```vbnet
Public Shared Function HexToBytes (_
    hexString As String _
) As Byte()
```

C++

```cpp
public: 
static array<unsigned char>^ HexToBytes( 
    String^ hexString 
)
```

Parameters

hexString

Type: String
The hexadecimal string.

ReturnValue

byte[] representing the string.
See Also

ConversionHelper Class
Treatail.NEO.Core.Logic Namespace

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ConversionHelper...:::StringToBytes Method

Strings to bytes.

Namespace:  Treatail.NEO.Core.Logic
Assembly:  Treatail.NEO.Core (in Treatail.NEO.Core.dll)
Syntax

C#
VB
C++

public static byte[] StringToBytes(
       string str
)

Public Shared Function StringToBytes ( _
       str As String _
) As Byte()

public:
static array<unsigned char>^ StringToBytes(
       String^ str
)

Parameters

str
   Type: String
   The string.

Return Value

The byte representation of the string
See Also

ConversionHelper Class
Treatail.NEO.Core.Logic Namespace

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NetworkHelper Class

Namespace:  Treatail.NEO.Core.Logic
Assembly:  Treatail.NEO.Core (in Treatail.NEO.Core.dll)
Syntax

C#

VB

C++

public static class NetworkHelper

Public NotInheritable Class NetworkHelper

public ref class NetworkHelper abstract sealed
Inheritance Hierarchy

Object
Treatail.NEO.Core.Logic..:..NetworkHelper
See Also

NetworkHelper Members
Treatail.NEO.Core.Logic Namespace

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NetworkHelper Members

The NetworkHelper type exposes the following members.
# Methods

<table>
<thead>
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<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>GetNeoRPCForType</strong></td>
<td>Gets the Neo RPC for the specified network type. Defaults to Testnet</td>
</tr>
</tbody>
</table>
See Also

NetworkHelper Class
Treatail.NEO.Core.Logic Namespace

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Treatail.NEO
NetworkHelper Methods

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See Also

NetworkHelper Class
Treatail.NEO.Core.Logic Namespace

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NetworkHelper::GetNeoRPCForTy Method

Gets the Neo RPC for the specified network type. Defaults to Testnet

**Namespace:**  [Treatail.NEO.Core.Logic](#)
**Assembly:**  Treatail.NEO.Core (in Treatail.NEO.Core.dll)
Syntax

C#

```
public static NeoRPC GetNeoRPCForType(NetworkType type)
```

VB

```
Public Shared Function GetNeoRPCForType( _
    type As NetworkType _
) As NeoRPC
```

C++

```
public:
static NeoRPC^ GetNeoRPCForType(
    NetworkType^ type
)
```

Parameters

type

Type: Treatail.NEO.Core.Logic...:::NetworkType
NetworkType - network to use

Return Value

NeoRPC - the RPC for the requested network
See Also

NetworkHelper Class
Treatail.NEO.Core.Logic Namespace

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Treatail.NEO
NetworkType Enumeration

Namespace:  Treatail.NEO.Core.Logic
Assembly:  Treatail.NEO.Core (in Treatail.NEO.Core.dll)
Syntax

**C#**

```
public enum NetworkType
```

**VB**

```
Public Enumeration NetworkType
```

**C++**

```
public enum class NetworkType
```
Members

<table>
<thead>
<tr>
<th>Member name Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Privnet</td>
</tr>
<tr>
<td>Testnet</td>
</tr>
<tr>
<td>CozTestnet</td>
</tr>
<tr>
<td>Mainnet</td>
</tr>
</tbody>
</table>
See Also

Treatail.NEO.Core.Logic Namespace

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WalletHelper Class

Namespace:  Treatail.NEO.Core.Logic
Assembly:  Treatail.NEO.Core (in Treatail.NEO.Core.dll)
Syntax

C#

Public NotInheritable Class WalletHelper

C++

public ref class WalletHelper abstract sealed
Inheritance Hierarchy

Object
Treatail.NEO.Core.Logic......WalletHelper
See Also

WalletHelper Members
Treatail.NEO.Core.Logic Namespace

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WalletHelper Members

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## Methods

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<td>Generates a new address and returns the Address and Private Key that were generated</td>
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<td>GetWallet</td>
<td>Gets a wallet from the provided private key</td>
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See Also

WalletHelper Class
Treatail.NEO.Core.Logic Namespace

Created with GhostDoc Community Edition
WalletHelper Methods

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WalletHelper Class
Treatail.NEO.Core.Logic Namespace

Created with GhostDoc Community Edition
Treatail.NEO
WalletHelper...::..CreateWallet Method

Generates a new address and returns the Address and Private Key that were generated

**Namespace:**  Treatail.NEO.Core.Logic
**Assembly:**  Treatail.NEO.Core (in Treatail.NEO.Core.dll)
Syntax

C#
VB
C++

public static Wallet CreateWallet()

Public Shared Function CreateWallet As Wallet

public:
static Wallet^ CreateWallet()

Return Value

Wallet - the generated wallet object
See Also

- WalletHelper Class
- Treatail.NEO.Core.Logic Namespace

Created with GhostDoc Community Edition
WalletHelper::GetWallet Method

Gets a wallet from the provided private key

Namespace: Treatail.NEO.Core.Logic
Assembly: Treatail.NEO.Core (in Treatail.NEO.Core.dll)
Syntax

C#

VB

C++

public static Wallet GetWallet(
    string privateKeyHex
)

Public Shared Function GetWallet ( _
    privateKeyHex As String _
) As Wallet

public:
    static Wallet^ GetWallet(
        String^ privateKeyHex
    )

Parameters

privateKeyHex
    Type: String
    string - hex string of the private key

Return Value

Wallet - the requested wallet object
See Also

WalletHelper Class
Treatail.NEO.Core.Logic Namespace

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Treatail.NEO
# Classes

<table>
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<tr>
<th>Class</th>
<th>Description</th>
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<td>Wrapper that manages all function calls for the Treatail Smart Contract</td>
</tr>
<tr>
<td>🎄Wallet</td>
<td>Wrapper class to handle all wallet related creation and function calls</td>
</tr>
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</table>
### Enumerations

<table>
<thead>
<tr>
<th>Enumeration</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td><code>WalletBalanceType</code></td>
<td></td>
</tr>
</tbody>
</table>

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Treatail.NEO
Contract Class

Wrapper that manages all function calls for the Treatail Smart Contract

**Namespace:**  Treatail.NEO.Core.Models
**Assembly:**  Treatail.NEO.Core (in Treatail.NEO.Core.dll)
Syntax

C#

Public class Contract

VB

Public Class Contract

C++

public class Contract

public ref class Contract
Inheritance Hierarchy

Object
Treatail.NEO.Core.Models:::Contract
See Also

Contract Members
Treatail.NEO.Core.Models Namespace

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Contract Members

The Contract type exposes the following members.
## Constructors

<table>
<thead>
<tr>
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<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>✨ <strong>Contract</strong></td>
<td>Facilitates the invoking of the Treatail Smart Contract</td>
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## Methods

<table>
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<tr>
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<tr>
<td>CreateAsset</td>
<td>Creates a treatail asset with the specified details and assigns the target address as the owner</td>
</tr>
<tr>
<td>GetAssetCreateCost</td>
<td>Gets the required amount of TTL to create a Treatail Asset</td>
</tr>
<tr>
<td>GetAssetDetails</td>
<td>Gets the details of a Treatail Asset</td>
</tr>
<tr>
<td>GetAssetOwner</td>
<td>Gets the owner address of a given Treatail Asset</td>
</tr>
<tr>
<td>GetTokensBalance</td>
<td>Returns the balance of TTL for a specified address</td>
</tr>
<tr>
<td>SetAssetCreateCost</td>
<td>Sets the amount of TTL required to create a Treatail Asset</td>
</tr>
<tr>
<td>TransferAsset</td>
<td>Transfers a Treatail Asset</td>
</tr>
<tr>
<td>TransferTokens</td>
<td>Transfers TTL from a wallet to a destination address</td>
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</table>
See Also

Contract Class
Treatail.NEO.Core.Models Namespace

Created with GhostDoc Community Edition
Contract Constructor

Facilitates the invoking of the Treatail Smart Contract

Namespace:  Treatail.NEO.Core.Models
Assembly:  Treatail.NEO.Core (in Treatail.NEO.Core.dll)
Syntax

C#

```csharp
public Contract(
    NetworkType networkType,
    string privateKeyHex
)
```

VB

```vbnet
Public Sub New ( _
    networkType As NetworkType, _
    privateKeyHex As String _
)
```

C++

```cpp
public:
Contract(
    NetworkType networkType, 
    String^ privateKeyHex
)
```

Parameters

networkType
  Type: Treatail.NEO.Core.Logic::::NetworkType
  Network to use

privateKeyHex
  Type: String
See Also

Contract Class
Treatail.NEO.Core.Models Namespace

Created with GhostDoc Community Edition
Treatail.NEO
Contract Methods

The Contract type exposes the following members.
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See Also

Contract Class
Treatail.NEO.Core.Models Namespace

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Contract...:CreateAsset Method

Creates a treatail asset with the specified details and assigns the target address as the owner

**Namespace:**  Treatail.NEO.Core.Models
**Assembly:**  Treatail.NEO.Core (in Treatail.NEO.Core.dll)
public bool CreateAsset(
    string treatailId,
    string address,
    string assetDetails,
    bool chargeTTL
)

Public Function CreateAsset ( _
    treatailId As String, _
    address As String, _
    assetDetails As String, _
    chargeTTL As Boolean _
) As Boolean

public:
    bool^ CreateAsset(
        String^ treatailId,
        String^ address,
        String^ assetDetails,
        bool^ chargeTTL
    )

**Parameters**

treatailId
   Type: String
   Treatail Asset identifier

address
   Type: String
   Address to assign ownership to

assetDetails
   Type: String
   Details of the asset
chargeTTL
  Type: Boolean
  Whether or not to charge the account TTL for the create

Return Value

Success
See Also

Contract Class
Treatail.NEO.Core.Models Namespace

Created with GhostDoc Community Edition
Treatail.NEO
Contract:::GetAssetCreateCost Method

Gets the required amount of TTL to create a Treatail Asset

Namespace:  Treatail.NEO.Core.Models
Assembly:  Treatail.NEO.Core (in Treatail.NEO.Core.dll)
**Syntax**

C#  
VB  
C++

public BigInteger GetAssetCreateCost()

Public Function GetAssetCreateCost As BigInteger

public:  
BigInteger^ GetAssetCreateCost()

**Return Value**

Cost of creating an asset
See Also

Contract Class
Treatail.NEO.Core.Models Namespace

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Treatail.NEO
Contract...:..GetAssetDetails Method

Gets the details of a Treatail Asset

Namespace:  Treatail.NEO.Core.Models
Assembly:  Treatail.NEO.Core (in Treatail.NEO.Core.dll)
Syntax

C#

```csharp
public string GetAssetDetails(
    string treatailId
)
```

VB

```vb
Public Function GetAssetDetails ( _
    treatailId As String _
) As String
```

C++

```cpp
public:
String^ GetAssetDetails(
    String^ treatailId
)
```

Parameters

treatailId
  Type: String
  Treatail Asset identifier

Return Value

Asset details
See Also

Contract Class
Treatail.NEO.Core.Models Namespace

Created with GhostDoc Community Edition
Treatail.NEO
Contract..::..GetAssetOwner Method

Gets the owner address of a given Treatail Asset

**Namespace:**  Treatail.NEO.Core.Models
**Assembly:**  Treatail.NEO.Core (in Treatail.NEO.Core.dll)
Syntax

C#

VB

C++

public string GetAssetOwner(
    string treatailId
)

Public Function GetAssetOwner ( _
treatailId As String _
) As String

public:
String^ GetAssetOwner(
    String^ treatailId
)

Parameters

treatailId
    Type: String
    Treatail Asset identifier

Return Value

Address of the asset owner
See Also

Contract Class
Treatail.NEO.Core.Models Namespace

Created with GhostDoc Community Edition
Contract:::..GetTokensBalance Method

Returns the balance of TTL for a specified address

Namespace:  Treatail.NEO.Core.Models
Assembly:  Treatail.NEO.Core (in Treatail.NEO.Core.dll)
Syntax

**C#**

```csharp
public decimal GetTokensBalance(string address)
```

**VB**

```vbnet
Public Function GetTokensBalance(_
    address As String) As Decimal
```

**C++**

```cpp
public:
    Decimal^ GetTokensBalance(
        String^ address
    )
```

**Parameters**

- **address**
  - Type: `String`
  - Address to get the balance of

**Return Value**

- Balance of tokens for the specified address
See Also

Contract Class
Treatail.NEO.Core.Models Namespace

Created with GhostDoc Community Edition
Contract..::..SetAssetCreateCost Method

Sets the amount of TTL required to create a Treatail Asset

Namespace:  Treatail.NEO.Core.Models
Assembly:  Treatail.NEO.Core (in Treatail.NEO.Core.dll)
Syntax

C#

```csharp
public bool SetAssetCreateCost(
    int cost
)
```

VB

```vbnet
Public Function SetAssetCreateCost ( _
    cost As Integer _
) As Boolean
```

C++

```cpp
public:
bool^ SetAssetCreateCost(
    int^ cost
)
```

**Parameters**

cost  
Type: **Int32**  
Number of TTL required

**Return Value**

Success
See Also

Contract Class
Treatail.NEO.Core.Models Namespace

Created with GhostDoc Community Edition
Treatail.NEO
Contract:::..TransferAsset Method

Transfers a Treatail Asset

Namespace:  Treatail.NEO.Core.Models
Assembly:  Treatail.NEO.Core (in Treatail.NEO.Core.dll)
Syntax

C#
VB
C++

public bool TransferAsset(
    string treatailId,
    string fromAddress,
    string toAddress
)

Public Function TransferAsset ( _
    treatailId As String, _
    fromAddress As String, _
    toAddress As String _
) As Boolean

public:
bool^ TransferAsset(
    String^ treatailId,
    String^ fromAddress,
    String^ toAddress
)

Parameters

treatailId
    Type: String
    Treatail Asset identifier

fromAddress
    Type: String
    Address to transfer the asset from

toAddress
    Type: String
    Address to transfer the asset to

Return Value
Success
See Also

Contract Class
Treatail.NEO.Core.Models Namespace

Created with GhostDoc Community Edition
Contract:::TransferTokens Method

Transfers TTL from a wallet to a destination address

Namespace:  Treatail.NEO.Core.Models
Assembly:  Treatail.NEO.Core (in Treatail.NEO.Core.dll)
Syntax

C#
VB
C++

public bool TransferTokens(
    string fromAddress,
    string toAddress,
    int amount
)

Public Function TransferTokens ( _
    fromAddress As String, _
    toAddress As String, _
    amount As Integer _
) As Boolean

public:
bool^ TransferTokens(
    String^ fromAddress,
    String^ toAddress,
    int^ amount
)

Parameters

fromAddress
    Type: String

toAddress
    Type: String
    The destination address to send TTL to

amount
    Type: Int32
    The amount to be sent

Return Value
See Also

Contract Class
Treatail.NEO.Core.Models Namespace

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Wallet Class

Wrapper class to handle all wallet related creation and function calls

**Namespace:**  [Treatail.NEO.Core.Models](#)

**Assembly:**  Treatail.NEO.Core (in Treatail.NEO.Core.dll)
Syntax

C#
VB
C++

[SerializableAttribute]
public class Wallet

<SerializableAttribute> _
Public Class Wallet

[SerializableAttribute]
public ref class Wallet
Inheritance Hierarchy

Object
Treatail.NEO.Core.Models..Wallet
See Also

Wallet Members
Treatail.NEO.Core.Models Namespace

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Treatail.NEO
Wallet Members

The Wallet type exposes the following members.
## Methods

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
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<tbody>
<tr>
<td>GetBalance</td>
<td>Gets the balance of the specified type from the specified network</td>
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<tr>
<td>GetKeys</td>
<td>Private key for signing</td>
</tr>
</tbody>
</table>
## Properties

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<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Address</td>
<td>Primary address for this wallet for sending. In Treatail, a user will have 1 wallet per account</td>
</tr>
<tr>
<td>PrivateKey</td>
<td>Private key for the wallet</td>
</tr>
</tbody>
</table>
See Also

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Treatail.NEO.Core.Models Namespace

Created with GhostDoc Community Edition
Treatail.NEO
Wallet Methods

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Wallet Class
Treatail.NEO.Core.Models Namespace

Created with GhostDoc Community Edition
Treatail.NEO
Wallet..::..GetBalance Method

Gets the balance of the specified type from the specified network

**Namespace:** Treatail.NEO.Core.Models
**Assembly:** Treatail.NEO.Core (in Treatail.NEO.Core.dll)
Syntax

C#
VB
C++

public decimal GetBalance(
    NetworkType networkType,
    WalletBalanceType type
)

Public Function GetBalance ( _
    networkType As NetworkType, _
    type As WalletBalanceType _
) As Decimal

public:
Decimal^ GetBalance(
    NetworkType^ networkType,
    WalletBalanceType^ type
)

Parameters

networkType
    Type: Treatail.NEO.Core.Logic..:.NetworkType
    NetworkType - network to use

type
    Type: Treatail.NEO.Core.Models..:.WalletBalanceType

Return Value
See Also

Wallet Class
Treatail.NEO.Core.Models Namespace

Created with GhostDoc Community Edition
Treatail.NEO
Wallet::..GetKeys Method

Private key for signing

**Namespace:** Treatail.NEO.Core.Models
**Assembly:** Treatail.NEO.Core (in Treatail.NEO.Core.dll)
Syntax

C#  
VB  
C++

public KeyPair GetKeys()

Public Function GetKeys As KeyPair

public:  
KeyValuePair GetKeys()
See Also

Wallet Class
Treatail.NEO.Core.Models Namespace

Created with GhostDoc Community Edition
Wallet Properties

The Wallet type exposes the following members.
## Properties

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>📦 Address</td>
<td>Primary address for this wallet for sending. In Treatail, a user will have 1 wallet per account</td>
</tr>
<tr>
<td>📦 PrivateKey</td>
<td>Private key for the wallet</td>
</tr>
</tbody>
</table>
See Also

Wallet Class
Treatail.NEO.Core.Models Namespace

Created with GhostDoc Community Edition
Wallet..::..Address Property

Primary address for this wallet for sending. In Treatail, a user will have 1 wallet per account

Namespace: Treatail.NEO.Core.Models
Assembly: Treatail.NEO.Core (in Treatail.NEO.Core.dll)
Syntax

C#
VB
C++

public string Address { get; set; }

Public Property Address As String
Get
Set

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

[Wallet Class](Treatail.NEO.Core.Models Namespace)

Created with GhostDoc Community Edition
Treatail.NEO
Wallet:::..PrivateKey Property

Private key for the wallet

Namespace:  Treatail.NEO.Core.Models
Assembly:  Treatail.NEO.Core (in Treatail.NEO.Core.dll)
Syntax

C#

public string PrivateKey { get; set; }

VB

Public Property PrivateKey As String
  Get
  Set

C++

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


See Also

Wallet Class
Treatail.NEO.Core.Models Namespace

Created with GhostDoc Community Edition
WalletBalanceType Enumeration

Namespace:  Treatail.NEO.Core.Models
Assembly:  Treatail.NEO.Core (in Treatail.NEO.Core.dll)
Syntax

C#
VB
C++

public enum WalletBalanceType

Public Enumeration WalletBalanceType

public enum class WalletBalanceType
<table>
<thead>
<tr>
<th>Member name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>NEO</td>
<td></td>
</tr>
<tr>
<td>GAS</td>
<td></td>
</tr>
</tbody>
</table>
See Also

Treatail.NEO.Core.Models Namespace

Created with GhostDoc Community Edition
Treatail.NEO.SmartContracts.Treatail Namespace
Classes

Class

TreatailContract	Name: Treatail NEO Smart Contract Version: 1 Author: Alex

Created with GhostDoc Community Edition
TreatailContract Class

Name: Treatail NEO Smart Contract Version: 1 Author: Alex Guba ScriptHash: 0xe15a3b08b56fbcae28391bb1547d303febccda55 Script: 60c56b6c766b00527ac46c766b51527ac4616c766b00c3046e616d65876c766b52f

Namespace: Treatail.NEO.SmartContracts.TreatailContract
Syntax

C#

```csharp
public class TreatailContract : SmartContract
```

VB

```vbnet
Public Class TreatailContract
    Inherits SmartContract
```

C++

```cpp
public ref class TreatailContract : public SmartContract
```
Inheritance Hierarchy

Object
  SmartContract
    Treatail.NEO.SmartContracts.TreatailContract...
    TreatailContract
See Also

TreatailContract Members
Treatail.NEO.SmartContracts.TreatailContract Namespace

Created with GhostDoc Community Edition
Treatail.NEO
TreatailContract Members

The TreatailContract type exposes the following members.
## Methods

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>BalanceOf</strong></td>
<td>(NEP5 Required) Returns the token balance of the account</td>
</tr>
<tr>
<td><strong>ChargeAssetCreateCost</strong></td>
<td>Charges the account for the TTL required to create an asset</td>
</tr>
<tr>
<td><strong>CreateAsset</strong></td>
<td>Used to create a Treatail asset and assign the owner</td>
</tr>
<tr>
<td><strong>Decimals</strong></td>
<td>(NEP5 Required) Returns the decimals of precision used by the token</td>
</tr>
<tr>
<td><strong>DeployTokens</strong></td>
<td>Deploys the tokens to the Treatail admin account</td>
</tr>
<tr>
<td><strong>GetAssetCreateCost</strong></td>
<td>Gets the number of TTL required to create a Treatail Asset</td>
</tr>
<tr>
<td><strong>GetAssetDetails</strong></td>
<td>Used to retrieve details about a Treatail Asset</td>
</tr>
<tr>
<td><strong>GetAssetOwner</strong></td>
<td></td>
</tr>
<tr>
<td><strong>Main</strong></td>
<td></td>
</tr>
<tr>
<td><strong>Name</strong></td>
<td>(NEP5 Required) Returns the name of the token. This is the name of the asset in NEO-GUI</td>
</tr>
<tr>
<td><strong>SetAssetCreateCost</strong></td>
<td>Sets the cost in TTL required to create a Treatail Asset</td>
</tr>
<tr>
<td><strong>Symbol</strong></td>
<td>(NEP5 Required) Returns the abbreviated symbol / ticker of the token.</td>
</tr>
<tr>
<td><strong>TotalSupply</strong></td>
<td>(NEP5 Required) Returns the total token supply deployed in the system.</td>
</tr>
<tr>
<td><strong>Transfer</strong></td>
<td>(NEP5 Required) Transfer the specified amount of tokens from one account to another account</td>
</tr>
<tr>
<td><strong>TransferAsset</strong></td>
<td>Transfers ownership of a Treatail Asset between addresses</td>
</tr>
</tbody>
</table>
See Also

TreatailContract Class
Treatail.NEO.SmartContracts.TreatailContract Namespace

Created with GhostDoc Community Edition
TreatailContract Methods

The TreatailContract type exposes the following members.
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<td>Used to retrieve details about a Treatail Asset</td>
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<td>GetAssetOwner</td>
<td></td>
</tr>
<tr>
<td>Main</td>
<td></td>
</tr>
<tr>
<td>Name</td>
<td>(NEP5 Required) Returns the name of the token. This is the name of the asset in NEO-GUI</td>
</tr>
<tr>
<td>SetAssetCreateCost</td>
<td>Sets the cost in TTL required to create a Treatail Asset</td>
</tr>
<tr>
<td>Symbol</td>
<td>(NEP5 Required) Returns the abbreviated symbol / ticker of the token.</td>
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<td>TotalSupply</td>
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<td>Transfers ownership of a Treatail Asset between addresses</td>
</tr>
</tbody>
</table>
See Also

TreatailContract Class
Treatail.NEO.SmartContracts.TreatailContract Namespace

Created with GhostDoc Community Edition
TreatailContract::BalanceOf Method

(NEP5 Required) Returns the token balance of the account

**Namespace:**  Treatail.NEO.SmartContracts.TreatailContract
**Assembly:**  Treatail.NEO.SmartContracts.TreatailContract (in Treatail.NEO.SmartContracts.TreatailContract.dll)
Syntax

C#

public static BigInteger BalanceOf(
    byte[] address
)

VB

Public Shared Function BalanceOf ( _
    address As Byte() _
) As BigInteger

C++

public:
static BigInteger^ BalanceOf(
    array<unsigned char^>^ address
)

Parameters

address
    Type: array<Byte>[]()[[]]

Return Value
See Also

TreatailContract Class
Treatail.NEO.SmartContracts.TreatailContract Namespace

Created with GhostDoc Community Edition
**TreatailContract... ChargeAssetCreate Method**

Charges the account for the TTL required to create an asset

**Namespace:**  [Treatail.NEO.SmartContracts.TreatailContract](#)

**Assembly:**  Treatail.NEO.SmartContracts.TreatailContract (in Treatail.NEO.SmartContracts.TreatailContract.dll)
Syntax

C#

```csharp
public static bool ChargeAssetCreateCost(
    byte[] address
)
```

VB

```vbnet
Public Shared Function ChargeAssetCreateCost (_
    address As Byte() _
) As Boolean
```

C++

```cpp
public:
    static bool^ ChargeAssetCreateCost(
        array<unsigned char^>^ address
    )
```

**Parameters**

address
- Type: array<Byte>[]()[]
- byte[] - address to charge

**Return Value**

bool - success
See Also

TreatailContract Class
Treatail.NEO.SmartContracts.TreatailContract Namespace

Created with GhostDoc Community Edition
Treatail.NEO
TreatailContract...:::CreateAsset Method

Used to create a Treatail asset and assign the owner

**Namespace:**  Treatail.NEO.SmartContracts.TreatailContract  
**Assembly:**  Treatail.NEO.SmartContracts.TreatailContract (in Treatail.NEO.SmartContracts.TreatailContract.dll)
**Syntax**

**C#**

```csharp
public static bool CreateAsset(
    byte[] treatailId,
    byte[] address,
    byte[] assetDetails,
    bool chargeForCreate
)
```

**VB**

```vbnet
Public Shared Function CreateAsset ( _
    treatailId As Byte(), _
    address As Byte(), _
    assetDetails As Byte(), _
    chargeForCreate As Boolean _
) As Boolean
```

**C++**

```cpp
public:
static bool CreateAsset(
    array<unsigned char>^ treatailId,
    array<unsigned char>^ address,
    array<unsigned char>^ assetDetails,
    bool^ chargeForCreate
)
```

**Parameters**

**treatailId**

Type: array<Byte>[0][0][0]

string - Treatail Asset identifier

**address**

Type: array<Byte>[0][0][0]

byte[] - address of the Treatail Asset owner

**assetDetails**

Type: array<Byte>[0][0][0]

byte[] - Treatail Asset details payload
chargeForCreate
Type: Boolean

Return Value
See Also

Treatail.Contract Class
Treatail.NEO.SmartContracts.TreatailContract Namespace

Created with GhostDoc Community Edition
TreatailContract::Decimals Method

(NEP5 Required) Returns the decimals of precision used by the token

Namespace:  Treatail.NEO.SmartContracts.TreatailContract
Syntax

C#
VB
C++

public static byte Decimals()
Public Shared Function Decimals As Byte

public:
static unsigned char^ Decimals()

Return Value

byte - decimals used
See Also

TreatailContract Class
Treatail.NEO.SmartContracts.TreatailContract Namespace

Created with GhostDoc Community Edition
Treatail.NEO
TreatailContract.DeployTokens Method

Deploys the tokens to the Treatail admin account

Namespace:  Treatail.NEO.SmartContracts.TreatailContract
Syntax

C#
Public Shared Function DeployTokens As Boolean

VB
Public static Boolean DeployTokens()

C++
public: bool^ DeployTokens()

Return Value
See Also

TreatailContract Class
Treatail.NEO.SmartContracts.TreatailContract Namespace

Created with GhostDoc Community Edition
Treatail.NEO
TreatailContract....GetAssetCreateCost Method

Gets the number of TTL required to create a Treatail Asset

**Namespace:**  [Treatail.NEO.SmartContracts.TreatailContract](https://example.com)

**Assembly:**  Treatail.NEO.SmartContracts.TreatailContract (in Treatail.NEO.SmartContracts.TreatailContract.dll)
Syntax

C#
VB
C++

public static BigInteger GetAssetCreateCost()

Public Shared Function GetAssetCreateCost As BigInteger

public:
static BigInteger^ GetAssetCreateCost()

Return Value

BigInteger - cost in TTL
See Also

TreatailContract Class
Treatail.NEO.SmartContracts.TreatailContract Namespace

Created with GhostDoc Community Edition
TreatailContract...GetAssetDetails Method

Used to retrieve details about a Treatail Asset

Namespace:  Treatail.NEO.SmartContracts.TreatailContract
Syntax

C#
VB
C++

```csharp
public static byte[] GetAssetDetails(
    byte[] treatailId
)
```

```vbnet
Public Shared Function GetAssetDetails ( _
    treatailId As Byte() _
) As Byte()
```

```cpp
public:
static array<unsigned char[^] GetAssetDetails(
    array<unsigned char[^ treatailId
)
```

**Parameters**

treatailId  
Type: array<Byte>[]()[[]]  
string - Treatail Asset identifier

**Return Value**
See Also

TreatailContract Class
Treatail.NEO.SmartContracts.TreatailContract Namespace

Created with GhostDoc Community Edition
TreatailContract....GetAssetOwner

Method

Namespace:  Treatail.NEO.SmartContracts.TreatailContract
Syntax

C#  
VB  
C++  

```csharp
public static byte[] GetAssetOwner(
    byte[] treatailId
)
```

```vb
Public Shared Function GetAssetOwner ( _
    treatailId As Byte() _
) As Byte()
```

```cpp
public:
static array<unsigned char>^ GetAssetOwner(
    array<unsigned char>^ treatailId
)
```

**Parameters**

treatailId
  Type: array<Byte>[][][]
See Also

TreatailContract Class
Treatail.NEO.SmartContracts.TreatailContract Namespace

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Tretail.NEO
TreatailContract...Main Method

Namespace:  Treatail.NEO.SmartContracts.TreatailContract
Syntax

**C#**

```csharp
public static Object Main(
    string action,
    params Object[] args
)
```

**VB**

```vbnet
Public Shared Function Main ( _
    action As String, _
    ParamArray args As Object() _
) As Object
```

**C++**

```c++
public:
static Object^ Main(
    String^ action,
    ... array<Object^>^ args
)
```

**Parameters**

**action**

Type: **String**

**args**

Type: array<**Object**>[0][0][0]
See Also

TreatailContract Class
Treatail.NEO.SmartContracts.TreatailContract Namespace

Created with GhostDoc Community Edition
TreatailContract...Name Method

(NEP5 Required) Returns the name of the token. This is the name of the asset in NEO-GUI

Namespace:  Treatail.NEO.SmartContracts.TreatailContract
Syntax

C#
VB
C++

global static string Name()

Public Shared Function Name As String

public:
static String^ Name()

Return Value

string - name of the token
See Also

TreatailContract Class
Treatail.NEO.SmartContracts.TreatailContract Namespace

Created with GhostDoc Community Edition
TreatailContract...:::SetAssetCreateCost Method

Sets the cost in TTL required to create a Treatail Asset

Namespace:  Treatail.NEO.SmartContracts.TreatailContract  
Syntax

C#

public static bool SetAssetCreateCost(
    BigInteger cost
)

VB

Public Shared Function SetAssetCreateCost ( _
    cost As BigInteger _
) As Boolean

C++

public: bool^ SetAssetCreateCost(
    BigInteger^ cost
)

Parameters

cost
   Type: BigInteger
   BigInteger - number of TTL required to create a Treatail Asset

Return Value

bool - success
See Also

TreatailContract Class
Treatail.NEO.SmartContracts.TreatailContract Namespace

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Treatail.NEO
TreatailContract.Symbol Method

(NEP5 Required) Returns the abbreviated symbol / ticker of the token.

**Namespace:** Treatail.NEO.SmartContracts.TreatailContract

**Assembly:** Treatail.NEO.SmartContracts.TreatailContract (in Treatail.NEO.SmartContracts.TreatailContract.dll)
Syntax

C#
VB
C++

public static string Symbol()

Public Shared Function Symbol As String

public:
static String^ Symbol()

Return Value

string - symbol of the token
See Also

TreatailContract Class
Treatail.NEO.SmartContracts.TreatailContract Namespace

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**TreatailContract....TotalSupply Method**

(NEP5 Required) Returns the total token supply deployed in the system.

**Namespace:**  Treatail.NEO.SmartContracts.TreatailContract  
**Assembly:**  Treatail.NEO.SmartContracts.TreatailContract (in Treatail.NEO.SmartContracts.TreatailContract.dll)
Syntax

C#  
VB  
C++

public static BigInteger TotalSupply()
Public Shared Function TotalSupply As BigInteger

public:
static BigInteger^ TotalSupply()

Return Value

BigInteger - token supply
See Also

TreatailContract Class
Treatail.NEO.SmartContracts.TreatailContract Namespace

Created with GhostDoc Community Edition
TreatailContract...Transfer Method

(NEP5 Required) Transfer the specified amount of tokens from one account to another account

Namespace:  Treatail.NEO.SmartContracts.TreatailContract
Syntax

C#
VB
C++

public static bool Transfer(
   byte[] from,
   byte[] to,
   BigInteger amount
)

Public Shared Function Transfer (_
   from As Byte(), _
   to As Byte(), _
   amount As BigInteger _
) As Boolean

public:
static bool^ Transfer(
   array<^unsigned char^>^ from,
   array<^unsigned char^>^ to,
   BigInteger^ amount
)

Parameters

from
   Type: array<Byte>[]()[[]
   byte[] - sending address

to
   Type: array<Byte>[]()[[]
   byte[] - receiving address

amount
   Type: BigInteger
   BigInteger - number of tokens to transfer

Return Value
See Also

TreatailContract Class
Treatail.NEO.SmartContracts.TreatailContract Namespace

Created with GhostDoc Community Edition
TreatailContract..::..TransferAsset Method

Transfers ownership of a Treatail Asset between addresses

**Namespace:**  [Treatail.NEO.SmartContracts.TreatailContract](#)

**Assembly:**  Treatail.NEO.SmartContracts.TreatailContract (in Treatail.NEO.SmartContracts.TreatailContract.dll)
Syntax

C#
VB
C++

```csharp
public static bool TransferAsset(
    byte[] treatailId,
    byte[] from,
    byte[] to
)
```  

```vbnet
Public Shared Function TransferAsset ( _
    treatailId As Byte(), _
    from As Byte(), _
    to As Byte() _
) As Boolean
```  

```cpp
public:
static bool^ TransferAsset(
    array<unsigned char^>^ treatailId, 
    array<unsigned char^>^ from, 
    array<unsigned char^>^ to 
)
```  

**Parameters**

treatailId
Type: array<Byte>[][][]
string - Treatail Asset identifier

from
Type: array<Byte>[][][]
byte[] - address of the current owner of the Treatail Asset

to
Type: array<Byte>[][][]
byte[] - address of the new owner for the Treatail Asset

**Return Value**
bool - success
See Also

TreatailContract Class
Treatail.NEO.SmartContracts.TreatailContract Namespace

Created with GhostDoc Community Edition
Treatail.NEO
Treatail.NEO.TestHarness
Namespace
# Classes

<table>
<thead>
<tr>
<th>Class</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>🍃ContractTest</td>
<td></td>
</tr>
<tr>
<td>🍃WebApiTest</td>
<td></td>
</tr>
</tbody>
</table>

Created with GhostDoc Community Edition
Treatail.NEO
ContractTest Class

Namespace:  Treatail.NEO.TestHarness
Assembly:  Treatail.NEO.TestHarness (in Treatail.NEO.TestHarness.exe)
**Syntax**

**C#**

```csharp
public static class ContractTest
```

**VB**

```vbnet
Public NotInheritable Class ContractTest
```

**C++**

```cpp
public ref class ContractTest abstract sealed
```
Inheritance Hierarchy

Object
Treatail.NEO.TestHarness...ContractTest
See Also

ContractTest Members
Treatail.NEO.TestHarness Namespace

Created with GhostDoc Community Edition
ContractTest Members

The ContractTest type exposes the following members.
## Methods

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>🐣 Run</td>
<td></td>
</tr>
</tbody>
</table>
See Also

ContractTestClass
Treatail.NEO.TestHarness Namespace

Created with GhostDoc Community Edition
Treatail.NEO
ContractTest Methods

The ContractTest type exposes the following members.
## Methods

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Run</td>
<td></td>
</tr>
</tbody>
</table>
See Also

ContractTest Class
Treatail.NEO.TestHarness Namespace

Created with GhostDoc Community Edition
ContractTest...:::Run Method

Namespace:  Treatail.NEO.TestHarness
Assembly:  Treatail.NEO.TestHarness (in Treatail.NEO.TestHarness.exe)
Syntax

C#

public static void Run(
    string privateKeyHex,
    string address,
    string address2
)

VB

Public Shared Sub Run (
    privateKeyHex As String,
    address As String,
    address2 As String
)

C++

public:
    static void Run(
    String^ privateKeyHex,
    String^ address,
    String^ address2
)

Parameters

privateKeyHex
    Type: String

address
    Type: String

address2
    Type: String
See Also

ContractTest Class
Treatail.NEO.TestHarness Namespace

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Treatail.NEO
WebApiTest Class

Namespace:  Treatail.NEO.TestHarness
Assembly:  Treatail.NEO.TestHarness (in Treatail.NEO.TestHarness.exe)
Syntax

C#  
Public static class WebApiTest

VB  
Public NotInheritable Class WebApiTest

C++  
public ref class WebApiTest abstract sealed
Inheritance Hierarchy

Object
Treatail.NEO.TestHarness...WebApiTest
See Also

WebApiTest Members
Treatail.NEO.TestHarness Namespace

Created with GhostDoc Community Edition
Treatail.NEO
WebApiTest Members

The WebApiTest type exposes the following members.
## Methods

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Run</td>
<td></td>
</tr>
</tbody>
</table>
See Also

WebApiTest Class
Treatail.NEO.TestHarness Namespace

Created with GhostDoc Community Edition
Treatail.NEO
WebApiTest Methods

The WebApiTest type exposes the following members.
# Methods

<table>
<thead>
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<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Run</td>
<td></td>
</tr>
</tbody>
</table>

* Run
See Also

WebApiTest Class
Treatail.NEO.TestHarness Namespace

Created with GhostDoc Community Edition
WebApiTest...::..Run Method

Namespace:  Treatail.NEO.TestHarness
Assembly:  Treatail.NEO.TestHarness (in Treatail.NEO.TestHarness.exe)
Syntax

C#

public static void Run(
    string serviceBaseUrl,
    string apiKey,
    string privateKeyHex,
    string address,
    string address2)
)

VB

Public Shared Sub Run (_
    serviceBaseUrl As String, _
    apiKey As String, _
    privateKeyHex As String, _
    address As String, _
    address2 As String _
)

C++

public:
static void Run(
    String^ serviceBaseUrl,
    String^ apiKey,
    String^ privateKeyHex,
    String^ address,
    String^ address2
)

Parameters

serviceBaseUrl
    Type: String

apiKey
    Type: String

privateKeyHex
    Type: String
address  
   Type: String

address2  
   Type: String
See Also

WebApiTest Class
Treatail.NEO.TestHarness Namespace

Created with GhostDoc Community Edition
Treatail.NEO.Tests Namespace
### Classes

<table>
<thead>
<tr>
<th>Class</th>
<th>Description</th>
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</thead>
<tbody>
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<td></td>
</tr>
<tr>
<td>TokenTest</td>
<td></td>
</tr>
<tr>
<td>WalletTest</td>
<td></td>
</tr>
</tbody>
</table>

*Created with GhostDoc Community Edition*
Treatail.NEO
AssetTest Class

Namespace:  Treatail.NEO.Tests
Syntax

C#
VB
C++

public class AssetTest

Public Class AssetTest

public ref class AssetTest
Inheritance Hierarchy

Object
Treatail.NEO.Tests....AssetTest
See Also

AssetTest Members
Treatail.NEO.Tests Namespace

Created with GhostDoc Community Edition
Treatail.NEO
AssetTest Members

The AssetTest type exposes the following members.
## Constructors

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>AssetTest</td>
<td></td>
</tr>
</tbody>
</table>
## Methods

<table>
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<tr>
<th>Name</th>
<th>Description</th>
</tr>
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<tbody>
<tr>
<td>Create</td>
<td></td>
</tr>
<tr>
<td>GetCreateCost</td>
<td></td>
</tr>
<tr>
<td>GetDetail</td>
<td></td>
</tr>
<tr>
<td>GetOwner</td>
<td></td>
</tr>
<tr>
<td>SetCreateCost</td>
<td></td>
</tr>
<tr>
<td>Transfer</td>
<td></td>
</tr>
</tbody>
</table>
See Also

AssetTest Class
Tretail.NEO.Tests Namespace

Created with GhostDoc Community Edition
AssetTest Constructor

Namespace:  Treatail.NEO.Tests
### Syntax

**C#**
```csharp
public AssetTest(
    NetworkType network,
    string privateKeyHex
)
```

**VB**
```vbnet
Public Sub New ( _
    network As NetworkType, _
    privateKeyHex As String _
)
```

**C++**
```cpp
public:
AssetTest(
    NetworkType^ network,
    String^ privateKeyHex
)
```

### Parameters

- **network**
  - Type: `Treatail.NEO.Core.Logic::::NetworkType`

- **privateKeyHex**
  - Type: `String`
See Also

AssetTest Class
Treatail.NEO.Tests Namespace

Created with GhostDoc Community Edition
Treatail.NEO
AssetTest Methods

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

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Create</td>
<td></td>
</tr>
<tr>
<td>GetCreateCost</td>
<td></td>
</tr>
<tr>
<td>GetDetail</td>
<td></td>
</tr>
<tr>
<td>GetOwner</td>
<td></td>
</tr>
<tr>
<td>SetCreateCost</td>
<td></td>
</tr>
<tr>
<td>Transfer</td>
<td></td>
</tr>
</tbody>
</table>
See Also

AssetTest Class
Treatail.NEO.Tests Namespace

Created with GhostDoc Community Edition
AssetTest:: Create Method

Namespace:  Treatail.NEO.Tests
Syntax

**C#**

```csharp
public bool Create(
    string treatailAssetId,
    string ownerAddress,
    string assetDetails,
    bool chargeTTL
)
```

**VB**

```vbnet
Public Function Create ( _
    treatailAssetId As String, _
    ownerAddress As String, _
    assetDetails As String, _
    chargeTTL As Boolean _
) As Boolean

Public: Create(
    bool^ treatailAssetId,
    String^ ownerAddress,
    String^ assetDetails,
    bool^ chargeTTL
)
```

**Parameters**

**treatailAssetId**
Type: **String**

**ownerAddress**
Type: **String**

**assetDetails**
Type: **String**

**chargeTTL**
Type: **Boolean**
See Also

AssetTest Class
Treatal.NEO.Tests Namespace

Created with GhostDoc Community Edition
AssetTest...::..GetCreateCost Method

**Namespace:**  [Treatail.NEO.Tests](#)

Syntax

C#
VB
C++

public BigInteger GetCreateCost()

Public Function GetCreateCost As BigInteger

public:
BigInteger^ GetCreateCost()
See Also

AssetTest Class
Treatail.NEO.Tests Namespace

Created with GhostDoc Community Edition
AssetTest...::..GetDetail Method

Namespace:  Treatail.NEO.Tests
Syntax

C#  
VB  
C++

public string GetDetail(string treatailAssetId)

Public Function GetDetail (_
treatailAssetId As String _
) As String

class:
public: String^ GetDetail(_
String^ treatailAssetId

Parameters

treatailAssetId
  Type: String
See Also

AssetTest Class
Treatail.NEO.Tests Namespace

Created with GhostDoc Community Edition
AssetTest...::..GetOwner Method

Namespace:  Treatail.NEO.Tests
Syntax

C#

```csharp
public string GetOwner(
    string treatedAssetId
)
```

VB

```vbnet
Public Function GetOwner ( _
    treatedAssetId As String _
) As String

public:
String^ GetOwner(
    String^ treatedAssetId
)
```

C++

```cpp
public:
String^ GetOwner(
    String^ treatedAssetId
)
```

Parameters

treatedAssetId
  Type: String
See Also

AssetTest Class
Treatail.NEO.Tests Namespace

Created with GhostDoc Community Edition
AssetTest...:::SetCreateCost Method

Namespace:  Treatail.NEO.Tests
Syntax

C#

```csharp
public bool SetCreateCost(
    int cost
)
```

VB

```vbnet
Public Function SetCreateCost ( _
    cost As Integer _
) As Boolean

Public: bool^ SetCreateCost(
    int^ cost
)
```

C++

```cpp
public: bool^ SetCreateCost(
    int^ cost
)
```

Parameters

cost
    Type: Int32
See Also

AssetTest Class
Treatail.NEO.Tests Namespace

Created with GhostDoc Community Edition
Treatail.NEO
AssetTest...::..Transfer Method

Namespace:  Treatail.NEO.Tests
## Syntax

### C#

```csharp
public bool Transfer(
    string treatailAssetId,
    string fromAddress,
    string toAddress
)
```

### VB

```vbnet
Public Function Transfer (   
    treatailAssetId As String,   
    fromAddress As String,   
    toAddress As String   
) As Boolean

public:  
bool^ Transfer(   
    String^ treatailAssetId,   
    String^ fromAddress,   
    String^ toAddress   
)
```

## Parameters

- **treatailAssetId**  
  Type: **String**

- **fromAddress**  
  Type: **String**

- **toAddress**  
  Type: **String**
See Also

AssetTest Class
Treatail.NEO.Tests Namespace

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TokenTest Class

Namespace:  Treatail.NEO.Tests
Syntax

C#
VB
C++

public class TokenTest
Public Class TokenTest
public ref class TokenTest
Inheritance Hierarchy

Object
Treatail.NEO.Tests.....TokenTest
See Also

TokenTest Members
Treatail.NEO.Tests Namespace

Created with GhostDoc Community Edition
Treatail.NEO
TokenTest Members

The TokenTest type exposes the following members.
## Constructors

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>TokenTest</td>
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</tbody>
</table>
## Methods

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
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</thead>
<tbody>
<tr>
<td>GetBalance</td>
<td></td>
</tr>
<tr>
<td>Transfer</td>
<td></td>
</tr>
<tr>
<td>VerifyToken</td>
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</table>
See Also

TokenTest Class
Treatail.NEO.Tests Namespace

Created with GhostDoc Community Edition
TokenTest Constructor

Namespace:  Treatail.NEO.Tests
Syntax

C#
VB
C++

public TokenTest(
    NetworkType network,
    string privateKeyHex
)

Public Sub New ( _
    network As NetworkType, _
    privateKeyHex As String _
)

public:
TokenTest(
    NetworkType^ network,
    String^ privateKeyHex
)

Parameters

network
    Type: Treatail.NEO.Core.Logic..::..NetworkType

privateKeyHex
    Type: String
**See Also**

- **TokenTest Class**
- **Treatail.NEO.Tests Namespace**

*Created with GhostDoc Community Edition*
Treatail.NEO
TokenTest Methods

The TokenTest type exposes the following members.
## Methods

<table>
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<th>Name</th>
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<td>GetBalance</td>
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<tr>
<td>VerifyToken</td>
<td></td>
</tr>
</tbody>
</table>
See Also

TokenTest Class
Treatail.NEO.Tests Namespace

Created with GhostDoc Community Edition
Treatail.NEO
TokenTest...::..GetBalance Method

Namespace:  Treatail.NEO.Tests
Syntax

C#

```csharp
public decimal GetBalance(
    string address
)
```

VB

```vbnet
Public Function GetBalance (_
    address As String _
) As Decimal
```

C++

```cpp
public:
    Decimal^ GetBalance(
        String^ address
    )
```

Parameters

address
    Type: String
See Also

TokenTest Class
Treatail.NEO.Tests Namespace

Created with GhostDoc Community Edition
TokenTest...:::..Transfer Method

**Namespace:**  [Treatail.NEO.Tests](#)

Syntax

C#  
VB  
C++

public bool Transfer(
    string fromAddress,
    string toAddress,
    int amount
)

Public Function Transfer (_
    fromAddress As String, _
    toAddress As String, _
    amount As Integer _
) As Boolean

public:
boole^ Transfer(
    String^ fromAddress,
    String^ toAddress,
    int^ amount
)

Parameters

fromAddress
Type: String

toAddress
Type: String

amount
Type: Int32
See Also

TokenTest Class
Treatail.NEO.Tests Namespace

Created with GhostDoc Community Edition
TokenTest::VerifyToken Method

Namespace:  Treatail.NEO.Tests
Syntax

C#
VB
C++

public bool VerifyToken()

Public Function VerifyToken As Boolean

public:
bool^ VerifyToken()
See Also

TokenTest Class
Treatail.NEO.Tests Namespace

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WalletTest Class

Namespace:  Treatail.NEO.Tests
Syntax

C#
VB
C++

public class WalletTest
Public Class WalletTest
public ref class WalletTest
Inheritance Hierarchy

Object
Treatail.NEO.Tests.....WalletTest
See Also

WalletTest Members
Treatail.NEO.Tests Namespace

Created with GhostDoc Community Edition
Treatail.NEO
WalletTest Members

The WalletTest type exposes the following members.
Methods

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>GetGASBalance</td>
<td></td>
</tr>
<tr>
<td>GetNEOBalance</td>
<td></td>
</tr>
<tr>
<td>Create</td>
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</tbody>
</table>
See Also

[WalletTest Class](#)
[Treatail.NEO.Tests Namespace](#)

[Created with GhostDoc Community Edition](#)
Treatail.NEO
WalletTest Methods

The WalletTest type exposes the following members.
## Methods

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
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</thead>
<tbody>
<tr>
<td>Create</td>
<td></td>
</tr>
<tr>
<td>GetGASBalance</td>
<td></td>
</tr>
<tr>
<td>GetNEOBalance</td>
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</table>
See Also

WalletTest Class
Treatail.NEO.Tests Namespace

Created with GhostDoc Community Edition
Treatail.NEO
WalletTest...Create Method

Namespace:  Treatail.NEO.Tests
Syntax

C#
VB
C++

public bool Create()

Public Function Create As Boolean

public:
bool^ Create()
See Also

WalletTest Class
Treatail.NEO.Tests Namespace

Created with GhostDoc Community Edition
Treatail.NEO
WalletTest::GetGASBalance Method

Namespace: Treatail.NEO.Tests
Syntax

C#

VB

C++

public decimal GetGASBalance(
    NetworkType network,
    string privateKeyHex
)

Public Function GetGASBalance ( _
    network As NetworkType, _
    privateKeyHex As String _
) As Decimal

public:
    Decimal^ GetGASBalance(
        NetworkType^ network,
        String^ privateKeyHex
    )

Parameters

network
    Type: Treatail.NEO.Core.Logic..::..NetworkType

privateKeyHex
    Type: String
See Also

WalletTest Class
Treatail.NEO.Tests Namespace

Created with GhostDoc Community Edition
WalletTest...GetNEOBalance Method

Namespace:  Treatail.NEO.Tests
Syntax

C#

```csharp
public decimal GetNEOBalance(
    NetworkType network,
    string privateKeyHex
)
```

VB

```vbnet
Public Function GetNEOBalance (_
    network As NetworkType, _
    privateKeyHex As String _
) As Decimal
```

C++

```cpp
public:
    Decimal^ GetNEOBalance(
        NetworkType^ network,
        String^ privateKeyHex
    )
```

Parameters

network
Type: Treatail.NEO.Core.Logic::::NetworkType

privateKeyHex
Type: String
See Also

WalletTest Class
Treatail.NEO.Tests Namespace

Created with GhostDoc Community Edition
Treatail.NEO
Treatail.NEO.WebApi Namespace
## Classes

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<th>Description</th>
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<tr>
<td>FilterConfig</td>
<td></td>
</tr>
<tr>
<td>RouteConfig</td>
<td></td>
</tr>
<tr>
<td>WebApiApplication</td>
<td></td>
</tr>
<tr>
<td>WebApiConfig</td>
<td></td>
</tr>
</tbody>
</table>

*Created with GhostDoc Community Edition*
BundleConfig Class

Namespace:  Treatail.NEO.WebApi
Assembly:  Treatail.NEO.WebApi (in Treatail.NEO.WebApi.dll)
Syntax

public class BundleConfig
Public Class BundleConfig
public ref class BundleConfig
Inheritance Hierarchy

Object
Treatail.NEO.WebApi...BundleConfig
See Also

BundleConfig Members
Treatail.NEO.WebApi Namespace

Created with GhostDoc Community Edition
BundleConfig Members

The BundleConfig type exposes the following members.
## Methods

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>RegisterBundles</td>
<td></td>
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</tbody>
</table>
See Also

BundleConfig Class
Treatail.NEO.WebApi Namespace

Created with GhostDoc Community Edition
Treatail.NEO
BundleConfig Methods

The BundleConfig type exposes the following members.
## Methods

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>🌐 RegisterBundles</td>
<td></td>
</tr>
</tbody>
</table>
See Also

BundleConfig Class
Treatail.NEO.WebApi Namespace

Created with GhostDoc Community Edition
BundleConfig...RegisterBundles Method

Namespace:  Treatail.NEO.WebApi
Assembly:  Treatail.NEO.WebApi (in Treatail.NEO.WebApi.dll)
## Syntax

### C#
```csharp
public static void RegisterBundles(
    BundleCollection bundles
)
```

### VB
```vbnet
Public Shared Sub RegisterBundles ( _
    bundles As BundleCollection _
)
```

### C++
```cpp
public:
static void RegisterBundles(
    BundleCollection^ bundles
)
```

### Parameters

- **bundles**
  - Type: `BundleCollection`
See Also

BundleConfig Class
Treatail.NEO.WebApi Namespace

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FilterConfig Class

Namespace:  Treatail.NEO.WebApi
Assembly:  Treatail.NEO.WebApi (in Treatail.NEO.WebApi.dll)
Syntax

C#

Public class FilterConfig

VB

Public Class FilterConfig

C++

public class FilterConfig
Inheritance Hierarchy

- **Object**
  - Treatail.NEO.WebApi...FilterConfig
See Also

FilterConfig Members
Treatail.NEO.WebApi Namespace

Created with GhostDoc Community Edition
FilterConfig Members

The FilterConfig type exposes the following members.
## Methods

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td><code>RegisterGlobalFilters</code></td>
<td></td>
</tr>
</tbody>
</table>
See Also

FilterConfig Class
Treatail.NEO.WebApi Namespace

Created with GhostDoc Community Edition
Treatail.NEO
FilterConfig Methods

The FilterConfig type exposes the following members.
## Methods

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>🌈 s RegisterGlobalFilters</td>
<td></td>
</tr>
</tbody>
</table>
See Also

FilterConfig Class
Treatail.NEO.WebApi Namespace

Created with GhostDoc Community Edition
FilterConfig..::..RegisterGlobalFilters Method

Namespace:  Treatail.NEO.WebApi
Assembly:  Treatail.NEO.WebApi (in Treatail.NEO.WebApi.dll)
Syntax

C#
Public Shared Sub RegisterGlobalFilters ( _
    filters As GlobalFilterCollection _
)

VB
Public Shared Sub RegisterGlobalFilters ( _
    filters As GlobalFilterCollection _
)

C++
public: static void RegisterGlobalFilters(
    GlobalFilterCollection^ filters
)

Parameters

filters
    Type: GlobalFilterCollection
See Also

FilterConfig Class
Treatail.NEO.WebApi Namespace

Created with GhostDoc Community Edition
RouteConfig Class

Namespace:  Treatail.NEO.WebApi
Assembly:  Treatail.NEO.WebApi (in Treatail.NEO.WebApi.dll)
Syntax

C#
VB
C++

public class RouteConfig
Public Class RouteConfig
public ref class RouteConfig
Inheritance Hierarchy

- Object
- Treatail.NEO.WebApi...:..RouteConfig
See Also

RouteConfig Members
Treatail.NEO.WebApi Namespace

Created with GhostDoc Community Edition
RouteConfig Members

The RouteConfig type exposes the following members.
## Methods

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>🍃 RegisterRoutes</td>
<td></td>
</tr>
</tbody>
</table>
See Also

RouteConfig Class
Treatail.NEO.WebApi Namespace

Created with GhostDoc Community Edition
Treatail.NEO
RouteConfig Methods

The RouteConfig type exposes the following members.
## Methods

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>🛡️ RegisterRoutes</td>
<td></td>
</tr>
</tbody>
</table>
See Also

RouteConfig Class
Treatail.NEO.WebApi Namespace

Created with GhostDoc Community Edition
RouteConfig...::..RegisterRoutes Method

Namespace:  Treatail.NEO.WebApi
Assembly:  Treatail.NEO.WebApi (in Treatail.NEO.WebApi.dll)
**Syntax**

**C#**

```csharp
public static void RegisterRoutes(RouteCollection routes)
```

**VB**

```vbnet
Public Shared Sub RegisterRoutes(_
    routes As RouteCollection _
)
```

**C++**

```cpp
public:
static void RegisterRoutes(
    RouteCollection^ routes
)
```

**Parameters**

routes

Type: `RouteCollection`
See Also

RouteConfig Class
Treatail.NEO.WebApi Namespace

Created with GhostDoc Community Edition
Treatail.NEO
WebApiApplication Class

Namespace:  Treatail.NEO.WebApi
Assembly:  Treatail.NEO.WebApi (in Treatail.NEO.WebApi.dll)
Syntax

C#

public class WebApiApplication : IHttpApplication

VB

Public Class WebApiApplication
    Inherits IHttpApplication

C++

public ref class WebApiApplication : public IHttpApplication
Inheritance Hierarchy

Object
  IHttpApplication
    Treatail.NEO.WebApi...WebApiApplication
See Also

Treatail.NEO.WebApi Namespace

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WebApiConfig Class

Namespace:  [Treatail.NEO.WebApi](http://Treatail.NEO.WebApi)
Assembly:  [Treatail.NEO.WebApi](http://Treatail.NEO.WebApi.dll)
**Syntax**

**C#**

```csharp
public static class WebApiConfig
```

**VB**

```vbnet
Public NotInheritable Class WebApiConfig
```

**C++**

```cpp
public ref class WebApiConfig abstract sealed
```
Inheritance Hierarchy

Object
Treatail.NEO.WebApi...WebApiConfig
See Also

WebApiConfig Members
Treatail.NEO.WebApi Namespace

Created with GhostDoc Community Edition
WebApiConfig Members

The WebApiConfig type exposes the following members.
## Methods

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Register</td>
<td></td>
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</tbody>
</table>
See Also

WebApiConfig Class
Treatail.NEO.WebApi Namespace

Created with GhostDoc Community Edition
Treatail.NEO
WebApiConfig Methods

The `WebApiConfig` type exposes the following members.
## Methods

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>🌽️ S Register</td>
<td></td>
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</tbody>
</table>
See Also

WebApiConfig Class
Treatail.NEO.WebApi Namespace

Created with GhostDoc Community Edition
WebApiConfig...Register Method

Namespace:  Treatail.NEO.WebApi
Assembly:  Treatail.NEO.WebApi (in Treatail.NEO.WebApi.dll)
Syntax

C#
Public Shared Sub Register (_
    config As HttpConfiguration _
)

VB
Public Shared Sub Register (_
    config As HttpConfiguration _
)

C++
public: static void Register(
    HttpConfiguration^ config
)

Parameters

config
    Type: HttpConfiguration
See Also

WebApiConfig Class
Treatail.NEO.WebApi Namespace

Created with GhostDoc Community Edition
Treatail.NEO.WebApi.Controllers
Namespace
Classes

<table>
<thead>
<tr>
<th>Class</th>
<th>Description</th>
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</thead>
<tbody>
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<td>Handles the management of Treatail Assets</td>
</tr>
<tr>
<td>BaseController</td>
<td></td>
</tr>
<tr>
<td>HomeController</td>
<td></td>
</tr>
<tr>
<td>TokenController</td>
<td>Manages all activity for Treatail Token</td>
</tr>
<tr>
<td>WalletController</td>
<td>Handles any wallet related interaction</td>
</tr>
</tbody>
</table>

Created with GhostDoc Community Edition
Treatail.NEO
AssetController Class

Handles the management of Treatail Assets

Namespace:  Treatail.NEO.WebApi.Controllers
Assembly:  Treatail.NEO.WebApi (in Treatail.NEO.WebApi.dll)
Syntax

C#

Public Class AssetController _
    Inherits BaseController

VB

Public Class AssetController _
    Inherits BaseController

C++

public class AssetController : BaseController

Public Class AssetController_
    Inherits BaseController

public ref class AssetController : public BaseController
Inheritance Hierarchy

Object
   ControllerBase
      Controller
         Treatail.NEO.WebApi.Controllers...BaseController
         Treatail.NEO.WebApi.Controllers...AssetController
See Also

AssetController Members
Treatail.NEO.WebApi.Controllers Namespace

Created with GhostDoc Community Edition
AssetController Members

The AssetController type exposes the following members.
Constructors

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
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</thead>
<tbody>
<tr>
<td>AssetController</td>
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</tr>
</tbody>
</table>
# Methods

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Create</td>
<td>Create a Treatail Asset</td>
</tr>
<tr>
<td>GetDetail</td>
<td>Returns the details payload about the requested Treatail Asset</td>
</tr>
<tr>
<td>GetOwner</td>
<td>Returns the address of the owner of the specified asset</td>
</tr>
<tr>
<td>Transfer</td>
<td>Transfers a Treatail Asset from one address to another</td>
</tr>
</tbody>
</table>
See Also

AssetController Class
Treetail.NEO.WebApi.Controllers Namespace

Created with GhostDoc Community Edition
AssetController Constructor

Namespace:  Treatail.NEO.WebApi.Controllers
Assembly:  Treatail.NEO.WebApi (in Treatail.NEO.WebApi.dll)
Syntax

C#

public AssetController()

VB

Public Sub New

C++

public:
AssetController()
See Also

AssetController Class
Treatail.NEO.WebApi.Controllers Namespace

Created with GhostDoc Community Edition
AssetController Methods

The AssetController type exposes the following members.
# Methods

<table>
<thead>
<tr>
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<th>Description</th>
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<tbody>
<tr>
<td>Create</td>
<td>Create a Treatail Asset</td>
</tr>
<tr>
<td>GetDetail</td>
<td>Returns the details payload about the requested Treatail Asset</td>
</tr>
<tr>
<td>GetOwner</td>
<td>Returns the address of the owner of the specified asset</td>
</tr>
<tr>
<td>Transfer</td>
<td>Transfers a Treatail Asset from one address to another</td>
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</table>
See Also

AssetController Class
Treatail.NEO.WebApi.Controllers Namespace

Created with GhostDoc Community Edition
Treatail.NEO
AssetController...Create Method

Create a Treatail Asset

**Namespace:**  [Treatail.NEO.WebApi.Controllers](https://example.com)

**Assembly:**  Treatail.NEO.WebApi (in Treatail.NEO.WebApi.dll)
Syntax

C#

```csharp
[HttpPostAttribute]
public ActionResult Create(
    string privateKeyHex,
    string treatailAssetId,
    string ownerAddress,
    string assetDetails,
    bool chargeTTL
)
```

VB

```vbnet
<HttpPostAttribute> _
Public Function Create ( _
    privateKeyHex As String, _
    treatailAssetId As String, _
    ownerAddress As String, _
    assetDetails As String, _
    chargeTTL As Boolean _
) As ActionResult
```

C++

```cpp
[HttpPostAttribute]
public: ActionResult^ Create(
    String^ privateKeyHex,
    String^ treatailAssetId,
    String^ ownerAddress,
    String^ assetDetails,
    bool^ chargeTTL
)
```

Parameters

privateKeyHex
Type: String
The private key of the signing wallet for the transaction

treatailAssetId
Type: String
Treatail Asset identifier to be created
ownerAddress
   Type: String
   Address to assign ownership to

assetDetails
   Type: String
   Details of the asset

chargeTTL
   Type: Boolean

Return Value
See Also

AssetController Class
Treatail.NEO.WebApi.Controllers Namespace

Created with GhostDoc Community Edition
Treatail.NEO
AssetController...GetDetail Method

Returns the details payload about the requested Treatail Asset

Namespace:  Treatail.NEO.WebApi.Controllers
Assembly:  Treatail.NEO.WebApi (in Treatail.NEO.WebApi.dll)
## Syntax

### C#

```csharp
public ActionResult GetDetail(
    string id
)
```

### VB

```vbnet
Public Function GetDetail (_
    id As String _
) As ActionResult
```

### C++

```cpp
public:
    ActionResult^ GetDetail(
        String^ id
    )
```

## Parameters

**id**

Type: `String`

Treatail Asset identifier

## Return Value

Details of the asset
See Also

AssetController Class
Treatail.NEO.WebApi.Controllers Namespace

Created with GhostDoc Community Edition
AssetController::GetOwner Method

Returns the address of the owner of the specified asset

Namespace:  Treatail.NEO.WebApi.Controllers
Assembly:  Treatail.NEO.WebApi (in Treatail.NEO.WebApi.dll)
Syntax

C#
VB
C++

public ActionResult GetOwner(string id )

Public Function GetOwner ( _ id As String _ ) As ActionResult

public: ActionResult^ GetOwner( String^ id )

Parameters

id  
  Type: String  
  Treatail Asset identifier

Return Value

Details of the asset
See Also

AssetController Class
Treatail.NEO.WebApi.Controllers Namespace

Created with GhostDoc Community Edition
AssetController::Transfer Method

Transfers a Treatail Asset from one address to another

Namespace:  Treatail.NEO.WebApi.Controllers
Assembly:  Treatail.NEO.WebApi (in Treatail.NEO.WebApi.dll)
Syntax

C#
VB
C++

[HttpPostAttribute]
public ActionResult Transfer(
    string privateKeyHex,
    string treatailAssetId,
    string fromAddress,
    string toAddress
)

<HttpPostAttribute>
Public Function Transfer (_
    privateKeyHex As String, _
    treatailAssetId As String, _
    fromAddress As String, _
    toAddress As String _
) As ActionResult

[HttpPostAttribute]
public:
ActionResult^ Transfer(
    String^ privateKeyHex,
    String^ treatailAssetId,
    String^ fromAddress,
    String^ toAddress
)

Parameters

privateKeyHex
    Type: String
    Private key signing the transaction

treatailAssetId
    Type: String
    Treatail Asset identifier

fromAddress
**Type:** String
Address to send the asset from
toAddress
**Type:** String
Address to send the asset to

**Return Value**
See Also

AssetController Class
Treatail.NEO.WebApi.Controllers Namespace

Created with GhostDoc Community Edition
Treatail.NEO
BaseController Class

Namespace:  Treatail.NEO.WebApi.Controllers
Assembly:  Treatail.NEO.WebApi (in Treatail.NEO.WebApi.dll)
Syntax

C#
VB
C++

public abstract class BaseController : Controller

Public MustInherit Class BaseController _
   Inherits Controller

public ref class BaseController abstract : public Controller
Inheritance Hierarchy

Object
  ControllerBase
  Controller
    Treatail.NEO.WebApi.Controllers......BaseController
See Also

BaseController Members
Treatail.NEO.WebApi.Controllers Namespace

Created with GhostDoc Community Edition
BaseController Members

The BaseController type exposes the following members.
## Constructors

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>BaseController</td>
<td></td>
</tr>
</tbody>
</table>
See Also

BaseUrl Controller Class
Treatail.NEO.WebApi.Controllers Namespace

Created with GhostDoc Community Edition
Treatail.NEO
BaseController Constructor

Namespace:  Treatail.NEO.WebApi.Controllers
Assembly:  Treatail.NEO.WebApi (in Treatail.NEO.WebApi.dll)
Syntax

C#
Public Sub New

C++
public: BaseController()

VB
Public Sub New
See Also

BaseController Class
Treatail.NEO.WebApi.Controllers Namespace

Created with GhostDoc Community Edition
HomeController Class

Namespace:  Treatail.NEO.WebApi.Controllers
Assembly:  Treatail.NEO.WebApi (in Treatail.NEO.WebApi.dll)
Syntax

C#
VB
C++

public class HomeController : Controller

Public Class HomeController_
    Inherits Controller

public ref class HomeController : public Controller
Inheritance Hierarchy

Object
   ControllerBase
   Controller
   Treatail.NEO.WebApi.Controllers......HomeController
See Also

HomeController Members
Treatail.NEO.WebApi.Controllers Namespace

Created with GhostDoc Community Edition
Treatail.NEO
HomeController Members

The HomeController type exposes the following members.
# Methods

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Index</td>
<td></td>
</tr>
</tbody>
</table>


See Also

HomeController Class
Treatail.NEO.WebApi.Controllers Namespace

Created with GhostDoc Community Edition
Treatail.NEO
HomeController Methods

The `HomeController` type exposes the following members.
Methods

<table>
<thead>
<tr>
<th>Name Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Index</td>
</tr>
</tbody>
</table>
See Also

HomeController Class
Treatail.NEO.WebApi.Controllers Namespace

Created with GhostDoc Community Edition
HomeController...:..Index Method

Namespace:  Treatail.NEO.WebApi.Controllers
Assembly:  Treatail.NEO.WebApi (in Treatail.NEO.WebApi.dll)
Syntax

C#
VB
C++

public ActionResult Index()

Public Function Index As ActionResult

public:
ActionResult^ Index()
See Also

HomeController Class
Treatail.NEO.WebApi.Controllers Namespace

Created with GhostDoc Community Edition
Treatail.NEO
**TokenController Class**

Manages all activity for Treatail Token

**Namespace:**  [Treatail.NEO.WebApi.Controllers](#)

**Assembly:**  Treatail.NEO.WebApi (in Treatail.NEO.WebApi.dll)
Syntax

public class TokenController : BaseController

Public Class TokenController _
    Inherits BaseController

public ref class TokenController : public BaseController
Inheritance Hierarchy

- Object
  - ControllerBase
    - Controller
      - Treatail.NEO.WebApi.Controllers:::BaseController
      - Treatail.NEO.WebApi.Controllers:::TokenController
See Also

TokenController Members
Treatail.NEO.WebApi.Controllers Namespace

Created with GhostDoc Community Edition
Treatail.NEO
TokenController Members

The TokenController type exposes the following members.
## Constructors

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>TokenController</td>
<td></td>
</tr>
</tbody>
</table>
## Methods

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>GetBalance</td>
<td>Get the balance of TTL in a specified address</td>
</tr>
<tr>
<td>Transfer</td>
<td>Transfers TTL from one address to another</td>
</tr>
</tbody>
</table>
See Also

TokenController Class
Treatail.NEO.WebApi.Controllers Namespace

Created with GhostDoc Community Edition
TokenController Constructor

Namespace:  Treatail.NEO.WebApi.Controllers
Assembly:  Treatail.NEO.WebApi (in Treatail.NEO.WebApi.dll)
Syntax

C#
VB
C++

public TokenController()

Public Sub New

c#

c++

See Also

TokenController Class
Treatail.NEO.WebApi.Controllers Namespace

Created with GhostDoc Community Edition
TokenController Methods

The TokenController type exposes the following members.
## Methods

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>📊 GetBalance</td>
<td>Get the balance of TTL in a specified address</td>
</tr>
<tr>
<td>📊 Transfer</td>
<td>Transfers TTL from one address to another</td>
</tr>
</tbody>
</table>
See Also

TokenController Class
Treatail.NEO.WebApi.Controllers Namespace

Created with GhostDoc Community Edition
Treatail.NEO
TokenController...GetBalance Method

Get the balance of TTL in a specified address

**Namespace:**  Treatail.NEO.WebApi.Controllers
**Assembly:**  Treatail.NEO.WebApi (in Treatail.NEO.WebApi.dll)
Syntax

C#
VB
C++

```csharp
public ActionResult GetBalance(string id)
```

```vbnet
Public Function GetBalance(_
    id As String _) As ActionResult
```

```cpp
public:
ActionResult^ GetBalance(
    String^ id
)
```

**Parameters**

id

  Type: String
  Address to get the balance for

**Return Value**

The requested balance
See Also

TokenController Class
Treatail.NEO.WebApi.Controllers Namespace

Created with GhostDoc Community Edition
TokenController:.:.:.Transfer Method

Transfers TTL from one address to another

Namespace:  Treatail.NEO.WebApi.Controllers
Assembly:  Treatail.NEO.WebApi (in Treatail.NEO.WebApi.dll)
Syntax

C#  
VB  
C++

[HttpPostAttribute]  
public ActionResult Transfer(
  string privateKeyHex,
  string fromAddress,
  string toAddress,
  int amount
)

<HttpPostAttribute>  
Public Function Transfer (_
  privateKeyHex As String, _
  fromAddress As String, _
  toAddress As String, _
  amount As Integer _
) As ActionResult

[HttpPostAttribute]  
public:
  ActionResult^ Transfer(
    String^ privateKeyHex,
    String^ fromAddress,
    String^ toAddress,
    int^ amount
  )

Parameters

privateKeyHex  
  Type: String  
  The private key used for the signer of the transaction

fromAddress  
  Type: String  
  Address to send the TTL from

toAddress
Type: **String**
Address to send the TTL to

amount
Type: **Int32**
The amount to send

**Return Value**

Success
See Also

TokenController Class
Treatail.NEO.WebApi.Controllers Namespace

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WalletController Class

Handles any wallet related interaction

**Namespace:**  Treatail.NEO.WebApi.Controllers

**Assembly:**  Treatail.NEO.WebApi (in Treatail.NEO.WebApi.dll)
Syntax

C#  

```csharp
public class WalletController : BaseController
```

VB

```vbnet
Public Class WalletController  
    Inherits BaseController
```

C++

```cpp
public ref class WalletController : public BaseController
```
Inheritance Hierarchy

Object
ControllerBase
Controller
Treatail.NEO.WebApi.Controllers... BaseController
Treatail.NEO.WebApi.Controllers.....WalletController
See Also

WalletController Members
Treatail.NEO.WebApi.Controllers Namespace

Created with GhostDoc Community Edition
Treatail.NEO
WalletController Members

The WalletController type exposes the following members.
## Constructors

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>WalletController</td>
<td></td>
</tr>
</tbody>
</table>
## Methods

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Create</td>
<td>Creates the wallet and user account for the hosted user wallet</td>
</tr>
<tr>
<td>GetGASBalance</td>
<td>Gets the neo balance.</td>
</tr>
<tr>
<td>GetNEOBalance</td>
<td>Gets the neo balance.</td>
</tr>
<tr>
<td>GetTTLBalance</td>
<td>Gets the neo balance.</td>
</tr>
</tbody>
</table>
See Also

WalletController Class
Treatail.NEO.WebApi.Controllers Namespace

Created with GhostDoc Community Edition
Treatail.NEO
WalletController Constructor

Namespace:  Treatail.NEO.WebApi.Controllers
Assembly:  Treatail.NEO.WebApi (in Treatail.NEO.WebApi.dll)
Syntax

C#
VB
C++

public WalletController()
Public Sub New

public:
WalletController()
See Also

WalletController Class
Treatail.NEO.WebApi.Controllers Namespace

Created with GhostDoc Community Edition
Treatail.NEO
**WalletController Methods**

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

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>✨ Create</td>
<td>Creates the wallet and user account for the hosted user wallet</td>
</tr>
<tr>
<td>✨ GetGASBalance</td>
<td>Gets the neo balance.</td>
</tr>
<tr>
<td>✨ GetNEOBalance</td>
<td>Gets the neo balance.</td>
</tr>
<tr>
<td>✨ GetTTLBalance</td>
<td>Gets the neo balance.</td>
</tr>
</tbody>
</table>
See Also

WalletController Class
Treatail.NEO.WebApi.Controllers Namespace

Created with GhostDoc Community Edition
WalletController..::..Create Method

Creates the wallet and user account for the hosted user wallet

**Namespace:**  Treatail.NEO.WebApi.Controllers  
**Assembly:**  Treatail.NEO.WebApi (in Treatail.NEO.WebApi.dll)
Syntax

C#

```csharp
public ActionResult Create()
```

VB

```vbnet
Public Function Create As ActionResult
```

C++

```cpp
public: ActionResult^ Create()
```

**Return Value**

The created wallet info
See Also

WalletController Class
Treatail.NEO.WebApi.Controllers Namespace

Created with GhostDoc Community Edition
Treatail.NEO
WalletController::GetGASBalance Method

Gets the neo balance.

Namespace:  Treatail.NEO.WebApi.Controllers
Assembly:  Treatail.NEO.WebApi (in Treatail.NEO.WebApi.dll)
Syntax

C#

VB

C++

```
[HttpPostAttribute]
public ActionResult GetGASBalance(
    string privateKeyHex
)

<PostHttpAttribute>
Public Function GetGASBalance ( _
    privateKeyHex As String _
) As ActionResult

[HttpPostAttribute]
public:
public: ActionResult^ GetGASBalance(
    String^ privateKeyHex
)
```

**Parameters**

privateKeyHex
  Type: String
  The private key hexadecimal.

**Return Value**

The balance
See Also

WalletController Class
Treatail.NEO.WebApi.Controllers Namespace

Created with GhostDoc Community Edition
Treatail.NEO
WalletController...::..GetNEOBalance Method

Gets the neo balance.

Namespace:  Treatail.NEO.WebApi.Controllers
Assembly:  Treatail.NEO.WebApi (in Treatail.NEO.WebApi.dll)
Syntax

**C#**

```csharp
[HttpPostAttribute] public ActionResult GetNEOBalance(
    string privateKeyHex
)
```

**VB**

```vbnet
<HttpPostAttribute> _ Public Function GetNEOBalance ( _
    privateKeyHex As String _
) As ActionResult
```

**C++**

```cpp
[HttpPostAttribute] public:
public: ActionResult^ GetNEOBalance(
    String^ privateKeyHex
)
```

### Parameters

privateKeyHex
- Type: `String`
- The private key hexadecimal.

### Return Value

The balance
See Also

WalletController Class
Treatail.NEO.WebApi.Controllers Namespace

Created with GhostDoc Community Edition
WalletController::GetTTLBalance Method

Gets the neo balance.

Namespace:  Treatail.NEO.WebApi.Controllers
Assembly:  Treatail.NEO.WebApi (in Treatail.NEO.WebApi.dll)
Syntax

[C#]
public ActionResult GetTTLBalance(
    string privateKeyHex
)

[HttpPostAttribute]
Public Function GetTTLBalance ( 
    privateKeyHex As String 
) As ActionResult

[C++]
public:
public:
    ActionResult GetTTLBalance(
        String^ privateKeyHex
    )

Parameters

privateKeyHex
    Type: String
    The private key hexadecimal.

Return Value

The balance
See Also

WalletController Class
Treatail.NEO.WebApi.Controllers Namespace

Created with GhostDoc Community Edition
Treatail.NEO
Treatail.NEO.WebApi.Logic
Namespace
## Classes

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<th>Class</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>🌟 ApiHelper</td>
<td>Created with GhostDoc Community Edition</td>
</tr>
</tbody>
</table>
Treatail.NEO
ApiHelper Class

Namespace:  Treatail.NEO.WebApi.Logic
Assembly:  Treatail.NEO.WebApi (in Treatail.NEO.WebApi.dll)
Syntax

C#

```csharp
public static class ApiHelper
```

VB

```vbnet
Public NotInheritable Class ApiHelper
```

C++

```cpp
public ref class ApiHelper abstract sealed
```
Inheritance Hierarchy

Object
Treatail.NEO.WebApi.Logic......ApiHelper
See Also

ApiHelper Members
Treatail.NEO.WebApi.Logic Namespace

Created with GhostDoc Community Edition
Treatail.NEO
ApiHelper Members

The ApiHelper type exposes the following members.
# Methods

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>🌐 CheckApiKey</td>
<td></td>
</tr>
</tbody>
</table>
### Properties

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>(ApiKey)</td>
<td></td>
</tr>
</tbody>
</table>
See Also

ApiHelper Class
Treatail.NEO.WebApi.Logic Namespace

Created with GhostDoc Community Edition
ApiHelper Methods

The ApiHelper type exposes the following members.
## Methods

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>CheckApiKey</td>
<td></td>
</tr>
</tbody>
</table>

- CheckApiKey
See Also

ApiHelper Class
Treatail.NEO.WebApi.Logic Namespace

Created with GhostDoc Community Edition
ApiHelper..::..CheckApiKey Method

Namespace:  Treatail.NEO.WebApi.Logic
Assembly:  Treatail.NEO.WebApi (in Treatail.NEO.WebApi.dll)
Syntax

C#

`public static void CheckApiKey(HttpRequestBase request)`

VB

`Public Shared Sub CheckApiKey ( _
    request As HttpRequestBase _
)`

C++

`public:
static void CheckApiKey( _
    HttpRequestBase^ request
)`

Parameters

request
   Type: HttpRequestBase
See Also

ApiHelper Class
Treatail.NEO.WebApi.Logic Namespace

Created with GhostDoc Community Edition
ApiHelper Properties

The ApiHelper type exposes the following members.
## Properties

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>🌐 s ApiKey</td>
<td></td>
</tr>
</tbody>
</table>
See Also

ApiHelper Class
Treatail.NEO.WebApi.Logic Namespace

Created with GhostDoc Community Edition
ApiHelper::..:: ApiKey Property

Namespace:  Treatail.NEO.WebApi.Logic
Assembly:  Treatail.NEO.WebApi (in Treatail.NEO.WebApi.dll)
Syntax

C#

```csharp
public static string ApiKey { get; }
```

VB

```vbnet
Public Shared ReadOnly Property ApiKey As String
Get
End Get
```

C++

```cpp
public:
static property String^ ApiKey {String^ get ();
}
```
See Also

ApiHelper Class
Treatail.NEO.WebApi.Logic Namespace

Created with GhostDoc Community Edition
Treatail.NEO.WebApi.Tests
Namespace
## Classes

<table>
<thead>
<tr>
<th>Class</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>🌷 AssetTest</td>
<td></td>
</tr>
<tr>
<td>🌷 TokenTest</td>
<td></td>
</tr>
<tr>
<td>🌷 WalletTest</td>
<td></td>
</tr>
</tbody>
</table>

*Created with GhostDoc Community Edition*
AssetTest Class

Namespace: Treatail.NEO.WebApi.Tests
Syntax

C#  
Public class AssetTest

VB  
Public Class AssetTest

C++  
public ref class AssetTest
Inheritance Hierarchy

Object
Treatail.NEO.WebApi.Tests.. AssetTest
See Also

AssetTest Members
Treatail.NEO.WebApi.Tests Namespace

Created with GhostDoc Community Edition
Treatail.NEO
AssetTest Members

The AssetTest type exposes the following members.
Constructors

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>AssetTest</td>
<td></td>
</tr>
</tbody>
</table>
## Methods

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Create</td>
<td></td>
</tr>
<tr>
<td>GetDetail</td>
<td></td>
</tr>
<tr>
<td>GetOwner</td>
<td></td>
</tr>
<tr>
<td>Transfer</td>
<td></td>
</tr>
</tbody>
</table>
See Also

AssetTest Class
Treatail.NEO.WebApi.Tests Namespace

Created with GhostDoc Community Edition
AssetTest Constructor

Namespace:  Treatail.NEO.WebApi.Tests
Syntax

c#  
vb  
c++

public AssetTest(
    string serviceBaseUrl,
    string apiKey,
    string privateKeyHex
)

Public Sub New (
    serviceBaseUrl As String, _
    apiKey As String, _
    privateKeyHex As String _
)

public:
AssetTest(
    String^ serviceBaseUrl,
    String^ apiKey,
    String^ privateKeyHex
)

Parameters

serviceBaseUrl
  Type: String

apiKey
  Type: String

privateKeyHex
  Type: String
See Also

AssetTest Class
Treatail.NEO.WebApi.Tests Namespace

Created with GhostDoc Community Edition
AssetTest Methods

The AssetTest type exposes the following members.
<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Create</td>
<td></td>
</tr>
<tr>
<td>GetDetail</td>
<td></td>
</tr>
<tr>
<td>GetOwner</td>
<td></td>
</tr>
<tr>
<td>Transfer</td>
<td></td>
</tr>
</tbody>
</table>
See Also

AssetTest Class
Treatail.NEO.WebApi.Tests Namespace

Created with GhostDoc Community Edition
Treatail.NEO
AssetTest...::..Create Method

Namespace:  Treatail.NEO.WebApi.Tests
Syntax

C#

VB

C++

public bool Create(
    string treatailAssetId,
    string ownerAddress,
    string assetDetails,
    bool chargeTTL
)

Public Function Create (_
    treatailAssetId As String, _
    ownerAddress As String, _
    assetDetails As String, _
    chargeTTL As Boolean _
) As Boolean

public: 
 bool Create(
    String^ treatailAssetId,
    String^ ownerAddress,
    String^ assetDetails,
    bool^ chargeTTL
)

Parameters

treatailAssetId
    Type: String

ownerAddress
    Type: String

assetDetails
    Type: String

chargeTTL
    Type: Boolean
See Also

AssetTest Class
Treatail.NEO.WebApi.Tests Namespace

Created with GhostDoc Community Edition
Treatail.NEO
AssetTest...::..GetDetail Method

Namespace:  Treatail.NEO.WebApi.Tests
Syntax

C#

```csharp
public string GetDetail(string treatailAssetId)
```

VB

```vbnet
Public Function GetDetail(_
    treatailAssetId As String) As String
```

C++

```cpp
public:
String^ GetDetail(
    String^ treatailAssetId
)
```

Parameters

treatailAssetId
Type: String

Type: String
See Also

AssetTest Class
Treator.NEO.WebApi.Tests Namespace

Created with GhostDoc Community Edition
Treatail.NEO
AssetTest...:::GetOwner Method

Namespace:  Treatail.NEO.WebApi.Tests
Syntax

C#
VB
C++

public    string    GetOwner(
    string    treatailAssetId
)

Public Function GetOwner ( _
    treatailAssetId As String _
) As String

public:
    String^ GetOwner(
        String^ treatailAssetId
    )

Parameters

treatailAssetId
    Type: String
See Also

AssetTest Class
Treatail.NEO.WebApi.Tests Namespace

Created with GhostDoc Community Edition
AssetTest...:::Transfer Method

Namespace:  Treatail.NEO.WebApi.Tests
Syntax

C#
VB
C++

public bool Transfer(
    string treatailAssetId,
    string fromAddress,
    string toAddress
)

Public Function Transfer ( _
    treatailAssetId As String, _
    fromAddress As String, _
    toAddress As String _
) As Boolean

public:
bool^ Transfer(
    String^ treatailAssetId,
    String^ fromAddress,
    String^ toAddress
)

Parameters

treatailAssetId
    Type: String

fromAddress
    Type: String

toAddress
    Type: String
See Also

AssetTest Class
Treatail.NEO.WebApi.Tests Namespace

Created with GhostDoc Community Edition
TokenTest Class

Namespace:  Treatail.NEO.WebApi.Tests
Syntax

C#
VB
C++

public class TokenTest
Public Class TokenTest
public ref class TokenTest
Inheritance Hierarchy

Object
Treatail.NEO.WebApi.Tests...:..TokenTest
See Also

TokenTest Members
Treatail.NEO.WebApi.Tests Namespace

Created with GhostDoc Community Edition
Treatail.NEO
TokenTest Members

The TokenTest type exposes the following members.
Constructors

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>TokenTest</td>
<td></td>
</tr>
</tbody>
</table>
# Methods

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>GetBalance</td>
<td></td>
</tr>
<tr>
<td>Transfer</td>
<td></td>
</tr>
</tbody>
</table>
See Also

TokenTest Class
Treatail.NEO.WebApi.Tests Namespace

Created with GhostDoc Community Edition
Treatail.NEO
TokenTest Constructor

Namespace:  Treatail.NEO.WebApi.Tests
**Syntax**

**C#**
```
class TokenTest {
    public TokenTest(
        string serviceBaseUrl,
        string apiKey,
        string privateKeyHex
    )
}
```

**VB**
```
Public Sub New ( _
    serviceBaseUrl As String, _
    apiKey As String, _
    privateKeyHex As String _
)
```

**C++**
```
public:
TokenTest(
    String^ serviceBaseUrl,
    String^ apiKey,
    String^ privateKeyHex
)
```

**Parameters**

- **serviceBaseUrl**
  - Type: String

- **apiKey**
  - Type: String

- **privateKeyHex**
  - Type: String
See Also

TokenTest Class
Treatail.NEO.WebApi.Tests Namespace

Created with GhostDoc Community Edition
Treatail.NEO
TokenTest Methods

The TokenTest type exposes the following members.
## Methods

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>GetBalance</td>
<td></td>
</tr>
<tr>
<td>Transfer</td>
<td></td>
</tr>
</tbody>
</table>
See Also

TokenTest Class
Treatail.NEO.WebApi.Tests Namespace

Created with GhostDoc Community Edition
**TokenTest::GetBalance Method**

**Namespace:**  [Treatail.NEO.WebApi.Tests](#)

**Assembly:**  Treatail.NEO.WebApi.Tests (in Treatail.NEO.WebApi.Tests.dll)
Syntax

C#

public decimal GetBalance(
    string address
)

VB

Public Function GetBalance ( _
    address As String _
) As Decimal

C++

public: Decimal^ GetBalance(
    String^ address
)

Parameters

address
    Type: String
See Also

TokenTest Class
Treatail.NEO.WebApi.Tests Namespace

Created with GhostDoc Community Edition
TokenTest...::..Transfer Method

Namespace:  Treatail.NEO.WebApi.Tests
Syntax

C#

VB

C++

public bool Transfer(
    string fromAddress,
    string toAddress,
    int amount
)

Public Function Transfer ( _
    fromAddress As String, _
    toAddress As String, _
    amount As Integer _
) As Boolean

public:
    bool Transfer(
        String^ fromAddress,
        String^ toAddress,
        int^ amount
    )

Parameters

fromAddress
    Type: String

toAddress
    Type: String

amount
    Type: Int32
See Also

TokenTest Class
Treatail.NEO.WebApi.Tests Namespace

Created with GhostDoc Community Edition
Treatail.NEO
WalletTest Class

Namespace:  Treatail.NEO.WebApi.Tests
Syntax

C#
VB
C++

public class WalletTest
Public Class WalletTest
public ref class WalletTest
Inheritance Hierarchy

Object
Treatail.NEO.WebApi.Tests..WalletTest
See Also

WalletTest Members
Treatail.NEO.WebApi.Tests Namespace

Created with GhostDoc Community Edition
WalletTest Members

The WalletTest type exposes the following members.
## Constructors

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>WalletTest</td>
<td></td>
</tr>
</tbody>
</table>
# Methods

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Create</td>
<td></td>
</tr>
<tr>
<td>GetGASBalance</td>
<td></td>
</tr>
<tr>
<td>GetNEOBalance</td>
<td></td>
</tr>
</tbody>
</table>
See Also

WalletTest Class
Treatail.NEO.WebApi.Tests Namespace

Created with GhostDoc Community Edition
WalletTest Constructor

**Namespace:**  [Treatail.NEO.WebApi.Tests]

**Assembly:**  Treatail.NEO.WebApi.Tests (in Treatail.NEO.WebApi.Tests.dll)
Syntax

C#

VB

C++

public WalletTest(
    string serviceBaseUrl,
    string apiKey
)

Public Sub New (_
    serviceBaseUrl As String, _
    apiKey As String _
)

public:
WalletTest(
    String^ serviceBaseUrl,
    String^ apiKey
)

Parameters

serviceBaseUrl
    Type: String

apiKey
    Type: String
See Also

WalletTest Class
Treatail.NEO.WebApi.Tests Namespace

Created with GhostDoc Community Edition
WalletTest Methods

The WalletTest type exposes the following members.
## Methods

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Create</td>
<td></td>
</tr>
<tr>
<td>GetGASBalance</td>
<td></td>
</tr>
<tr>
<td>GetNEOBalance</td>
<td></td>
</tr>
</tbody>
</table>
See Also

WalletTest Class
Treatail.NEO.WebApi.Tests Namespace

Created with GhostDoc Community Edition
WalletTest...Create Method

Namespace:  Treatail.NEO.WebApi.Tests
Syntax

C#
VB
C++

public bool Create()

Public Function Create As Boolean

public:
bool^ Create()
See Also

WalletTest Class
Treatail.NEO.WebApi.Tests Namespace

Created with GhostDoc Community Edition
WalletTest...GetGASBalance

Method

Namespace: Treatail.NEO.WebApi.Tests
Syntax

C#

```csharp
public decimal GetGASBalance(
    string privateKeyHex
)
```

VB

```vbnet
Public Function GetGASBalance ( _
    privateKeyHex As String _
) As Decimal
```

C++

```cpp
public: 
Decimal^ GetGASBalance(
    String^ privateKeyHex
)
```

**Parameters**

privateKeyHex

Type: String
See Also

WalletTest Class
Treatail.NEO.WebApi.Tests Namespace

Created with GhostDoc Community Edition
WalletTest::GetNEOBalance Method

Namespace: Treatail.NEO.WebApi.Tests
Syntax

C#

```csharp
public decimal GetNEOBalance(
    string privateKeyHex
)
```

VB

```vbnet
Public Function GetNEOBalance ( _
    privateKeyHex As String _
) As Decimal
```

C++

```cpp
public: 
Decimal^ GetNEOBalance(
    String^ privateKeyHex
)
```

Parameters

privateKeyHex
Type: String
See Also

WalletTest Class
Treatail.NEO.WebApi.Tests Namespace

Created with GhostDoc Community Edition
Treatail.NEO
Treatail.NEO.WebApi.Tests.Logic
Namespace
## Classes

<table>
<thead>
<tr>
<th>Class</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>🌐 ServicesHelper</td>
<td></td>
</tr>
</tbody>
</table>
## Enumerations

<table>
<thead>
<tr>
<th>Enumeration Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>ServiceAction</td>
</tr>
</tbody>
</table>

*Created with GhostDoc Community Edition*
Treatail.NEO
ServiceAction Enumeration

Namespace:  Treatail.NEO.WebApi.Tests.Logic
Syntax

C#
VB
C++

public enum ServiceAction
Public Enumeration ServiceAction
public enum class ServiceAction
Members

<table>
<thead>
<tr>
<th>Member name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>GET</td>
<td></td>
</tr>
<tr>
<td>POST</td>
<td></td>
</tr>
</tbody>
</table>
See Also

Treatail.NEO.WebApi.Tests.Logic Namespace

Created with GhostDoc Community Edition
Treatai.NEO
ServicesHelper Class

Namespace:  Treatail.NEO.WebApi.Tests.Logic
Syntax

C#
VB
C++

public static class ServicesHelper
Public NotInheritable Class ServicesHelper
public ref class ServicesHelper abstract sealed
Inheritance Hierarchy

Object
Treatail.NEO.WebApi.Tests.Logic...ServicesHelper
See Also

- ServicesHelper Members
- Treatail.NEO.WebApi.Tests.Logic Namespace

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Treatail.NEO
ServicesHelper Members

The ServicesHelper type exposes the following members.
## Methods

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>🌐 CallService</td>
<td></td>
</tr>
</tbody>
</table>
See Also

ServicesHelper Class
Treatail.NEO.WebApi.Tests.Logic Namespace

Created with GhostDoc Community Edition
ServicesHelper Methods

The ServicesHelper type exposes the following members.
# Methods

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>CallService</td>
<td></td>
</tr>
</tbody>
</table>
See Also

ServicesHelper Class
Treatail.NEO.WebApi.Tests.Logic Namespace

Created with GhostDoc Community Edition
Treatail.NEO
ServicesHelper:::CallService Method

Namespace:  Treatail.NEO.WebApi.Tests.Logic
Syntax

C#

```csharp
public static string CallService(
    ServiceAction action,
    string apiKey,
    string url,
    string jsonContent
)
```

VB

```vbnet
Public Shared Function CallService ( _
    action As ServiceAction, _
    apiKey As String, _
    url As String, _
    jsonContent As String _
) As String
```

C++

```cpp
public:
static String^ CallService(
    ServiceAction^ action,
    String^ apiKey,
    String^ url,
    String^ jsonContent
)
```

Parameters

action
Type: `Treatail.NEO.WebApi.Tests.Logic...::ServiceAction`

apiKey
Type: `String`

url
Type: `String`

jsonContent
Type: `String`
See Also

ServicesHelper Class
Treatail.NEO.WebApi.Tests.Logic Namespace

Created with GhostDoc Community Edition
Treatail.NEO
Treatail.NEO.WebApi.Tests.Models
Namespace
# Classes

<table>
<thead>
<tr>
<th>Class</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>🍃 AssetCreateRequest</td>
<td></td>
</tr>
<tr>
<td>🍃 AssetTransferRequest</td>
<td></td>
</tr>
<tr>
<td>🍃 TokenTransferRequest</td>
<td></td>
</tr>
</tbody>
</table>

*Created with GhostDoc Community Edition*
AssetCreateRequest Class

Namespace:  Treatail.NEO.WebApi.Tests.Models
Syntax

C#  
public class AssetCreateRequest

VB  
Public Class AssetCreateRequest

C++  
[SerializableAttribute]  
public ref class AssetCreateRequest
Inheritance Hierarchy

Object
Treatail.NEO.WebApi.Tests.Models...AssetCreateRequest
See Also

AssetCreateRequest Members
Treatail.NEO.WebApi.Tests.Models Namespace

Created with GhostDoc Community Edition
AssetCreateRequest Members

The AssetCreateRequest type exposes the following members.
## Properties

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>AssetDetails</td>
<td></td>
</tr>
<tr>
<td>ChargeTTL</td>
<td></td>
</tr>
<tr>
<td>OwnerAddress</td>
<td></td>
</tr>
<tr>
<td>PrivateKeyHex</td>
<td></td>
</tr>
<tr>
<td>TreatailAssetId</td>
<td></td>
</tr>
</tbody>
</table>
See Also

AssetCreateRequest Class
Treatail.NEO.WebApi.Tests.Models Namespace

Created with GhostDoc Community Edition
Treatail.NEO
AssetCreateRequest Properties

The AssetCreateRequest type exposes the following members.
## Properties

<table>
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<tr>
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<tr>
<td>PrivateKeyHex</td>
<td></td>
</tr>
<tr>
<td>TreatailAssetId</td>
<td></td>
</tr>
</tbody>
</table>
See Also

AssetCreateRequest Class
Treatail.NEO.WebApi.Tests.Models Namespace

Created with GhostDoc Community Edition
Treatail.NEO
AssetCreateRequest...::..AssetDetails Property

Namespace: Treatail.NEO.WebApi.Tests.Models
Syntax

C#

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

VB

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

C++

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

AssetCreateRequest Class
Treatail.NEO.WebApi.Tests.Models Namespace

Created with GhostDoc Community Edition
Treatail.NEO
AssetCreateRequest...:::.ChargeTTL Property

Namespace:  Treatail.NEO.WebApi.Tests.Models
Syntax

C#

public bool ChargeTTL { get; set; }

VB

Public Property ChargeTTL As Boolean
    Get
    Set

C++

public:
    property bool^ ChargeTTL {
        bool^ get ();
        void set (bool^ value);
    }
See Also

AssetCreateRequest Class
Treatail.NEO.WebApi.Tests.Models Namespace

Created with GhostDoc Community Edition
Treatail.NEO
AssetCreateRequest:::..OwnerAddress Property

Namespace:  Treatail.NEO.WebApi.Tests.Models
Syntax

C#
VB
C++

public string OwnerAddress { get; set; }

Public Property OwnerAddress As String
Get
Set

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

AssetCreateRequest Class  
Treatail.NEO.WebApi.Tests.Models Namespace

Created with GhostDoc Community Edition
Treatail.NEO
AssetCreateRequest...:..PrivateKeyHex
Property

Namespace: Treatail.NEO.WebApi.Tests.Models
Syntax

C#

VB

C++

public string PrivateKeyHex { get; set; }

Public Property PrivateKeyHex As String
    Get
    Set

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

AssetCreateRequest Class
Treatail.NEO.WebApi.Tests.Models Namespace

Created with GhostDoc Community Edition
AssetCreateRequest...:::TreatailAssetId

**Namespace:**  [Treatail.NEO.WebApi.Tests.Models](#)

**Assembly:**  Treatail.NEO.WebApi.Tests (in Treatail.NEO.WebApi.Tests.dll)
### Syntax

**C#**

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

**VB**

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

**C++**

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

AssetCreateRequest Class
Treatail.NEO.WebApi.Tests.Models Namespace

Created with GhostDoc Community Edition
AssetTransferRequest Class

Namespace:  Treatail.NEO.WebApi.Tests.Models
Syntax

C#
VB
C++

[SerializableAttribute]
public class AssetTransferRequest

<SerializableAttribute>
Public Class AssetTransferRequest

[SerializableAttribute]
public ref class AssetTransferRequest
Inheritance Hierarchy

Object
Treatail.NEO.WebApi.Tests.Models..AssetTransferRequest
See Also

AssetTransferRequest Members
Treatail.NEO.WebApi.Tests.Models Namespace

Created with GhostDoc Community Edition
AssetTransferRequest Members

The AssetTransferRequest type exposes the following members.
## Properties

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>FromAddress</td>
<td></td>
</tr>
<tr>
<td>PrivateKeyHex</td>
<td></td>
</tr>
<tr>
<td>ToAddress</td>
<td></td>
</tr>
<tr>
<td>TreatailAssetId</td>
<td></td>
</tr>
</tbody>
</table>
See Also

AssetTransferRequest Class
Treatail.NEO.WebApi.Tests.Models Namespace

Created with GhostDoc Community Edition
Treatail.NEO
AssetTransferRequest Properties

The AssetTransferRequest type exposes the following members.
## Properties

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>FromAddress</td>
<td></td>
</tr>
<tr>
<td>PrivateKeyHex</td>
<td></td>
</tr>
<tr>
<td>ToAddress</td>
<td></td>
</tr>
<tr>
<td>TreatailAssetId</td>
<td></td>
</tr>
</tbody>
</table>
See Also

AssetTransferRequest Class
Treatail.NEO.WebApi.Tests.Models Namespace

Created with GhostDoc Community Edition
AssetTransferRequest..::..FromAddress Property

Namespace:  Treatail.NEO.WebApi.Tests.Models
Syntax

C#  
VB  
C++

public string FromAddress { get; set; }

Public Property FromAddress As String
    Get
    Set

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

AssetTransferRequest Class
Treatail.NEO.WebApi.Tests.Models Namespace

Created with GhostDoc Community Edition
Treatail.NEO
AssetTransferRequest...PrivateKeyProperty

Namespace:  Treatail.NEO.WebApi.Tests.Models
Syntax

C#

public string PrivateKeyHex { get; set; }

VB

Public Property PrivateKeyHex As String
Get
Set

C++

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

AssetTransferRequest Class
Treatail.NEO.WebApi.Tests.Models Namespace

Created with GhostDoc Community Edition
AssetTransferRequest..::..ToAddress Property

Namespace:  Treatail.NEO.WebApi.Tests.Models
Syntax

C#  
VB  
C++

public string ToAddress { get; set; }

Public Property ToAddress As String
Get
Set

public:
property String^ ToAddress {
    String^ get ();
    void set (String^ value);
}
Treatail.NEO
AssetTransferRequest...::..TreatailAssetProperty

**Namespace:**  Treatail.NEO.WebApi.Tests.Models
**Assembly:**  Treatail.NEO.WebApi.Tests (in Treatail.NEO.WebApi.Tests.dll)
public string TreatailAssetId { get; set; }

Public Property TreatailAssetId As String
    Get
    Set

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

AssetTransferRequest Class
Treatail.NEO.WebApi.Tests.Models Namespace

Created with GhostDoc Community Edition
TokenTransferRequest Class

Namespace:  Treatail.NEO.WebApi.Tests.Models
Syntax

C#
Public Class TokenTransferRequest

VB
Public Class TokenTransferRequest

C++
[SerializableAttribute]  
public class TokenTransferRequest

<SerializableAttribute>  
Public Class TokenTransferRequest

[SerializableAttribute]
public ref class TokenTransferRequest
Inheritance Hierarchy

Object
Treatail.NEO.WebApi.Tests.Models...TokenTransferRequest
See Also

TokenTransferRequest Members
Treatail.NEO.WebApi.Tests.Models Namespace

Created with GhostDoc Community Edition
Treatail.NEO
TokenTransferRequest Members

The TokenTransferRequest 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>FromAddress</td>
<td></td>
</tr>
<tr>
<td>PrivateKeyHex</td>
<td></td>
</tr>
<tr>
<td>ToAddress</td>
<td></td>
</tr>
</tbody>
</table>
See Also

TokenTransferRequest Class
Treatail.NEO.WebApi.Tests.Models Namespace

Created with GhostDoc Community Edition
Treatail.NEO
TokenTransferRequest Properties

The TokenTransferRequest type exposes the following members.
<table>
<thead>
<tr>
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<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Amount</td>
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<tr>
<td>FromAddress</td>
<td></td>
</tr>
<tr>
<td>PrivateKeyHex</td>
<td></td>
</tr>
<tr>
<td>ToAddress</td>
<td></td>
</tr>
</tbody>
</table>
See Also

TokenTransferRequest Class
Treatail.NEO.WebApi.Tests.Models Namespace

Created with GhostDoc Community Edition
Treatail.NEO
TokenTransferRequest..::..Amount Property

Namespace:  Treatail.NEO.WebApi.Tests.Models
# Syntax

**C#**

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

**VB**

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

**C++**

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

TokenTransferRequest Class
Treatail.NEO.WebApi.Tests.Models Namespace

Created with GhostDoc Community Edition
Treatail.NEO
TokenTransferRequest...FromAddress

Namespace:  Treatail.NEO.WebApi.Tests.Models
Syntax

C#  
VB  
C++

class objectName
{
public string FromAddress { get; set; }

Public Property FromAddress As String
Get
Set

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

TokenTransferRequest Class
Treatail.NEO.WebApi.Tests.Models Namespace

Created with GhostDoc Community Edition
Treatail.NEO
TokenTransferRequest...:..PrivateKey

**Namespace:** Treatail.NEO.WebApi.Tests.Models
**Assembly:** Treatail.NEO.WebApi.Tests (in Treatail.NEO.WebApi.Tests.dll)
Syntax

C#
VB
C++

public string PrivateKeyHex { get; set; }

Public Property PrivateKeyHex As String
Get
Set

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

TokenTransferRequest Class
Treatail.NEO.WebApi.Tests.Models Namespace

Created with GhostDoc Community Edition
TokenTransferRequest..::..ToAddress Property

Namespace:  Treatail.NEO.WebApi.Tests.Models
Syntax

C#
VB
C++

public string ToAddress { get; set; }

Public Property ToAddress As String
    Get
    Set

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

TokenTransferRequest Class
Treatail.NEO.WebApi.Tests.Models Namespace

Created with GhostDoc Community Edition