UltimateEmail Class Library
# Karamasoft.WebControls.UltimateEmail Namespace

## Namespace hierarchy

## Classes

<table>
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<tr>
<th>Class</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>AfterSendEventArgs</strong></td>
<td>Class sent to the event handler when the AfterSend event is fired.</td>
</tr>
<tr>
<td><strong>BeforeMergeEventArgs</strong></td>
<td>Class sent to the event handler when the BeforeMerge event is fired.</td>
</tr>
<tr>
<td><strong>BeforeSendEventArgs</strong></td>
<td>Class sent to the event handler when the BeforeSend event is fired.</td>
</tr>
<tr>
<td><strong>MailMerge</strong></td>
<td>Represents the class that does the mail merge, and sends the merged mail to all recipients.</td>
</tr>
<tr>
<td><strong>UltimateEmailMerge</strong></td>
<td>UltimateEmailMerge is an ASP.NET server control to provide mail merge functionality.</td>
</tr>
<tr>
<td><strong>UltimateEmailValidator</strong></td>
<td>UltimateEmailValidator is an ASP.NET control that allows the user to validate an email address.</td>
</tr>
<tr>
<td><strong>Validator</strong></td>
<td>Represents the class that validates email syntax, and verifies email address on SMTP server.</td>
</tr>
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## Delegates

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<tr>
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### MailMerge Event Handlers

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<tr>
<th>Event Handler</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>MailMerge.AfterSendEventHandler</td>
<td>Declares the AfterSend event handler delegate.</td>
</tr>
<tr>
<td>MailMerge.BeforeMergeEventHandler</td>
<td>Declares the BeforeMerge event handler delegate.</td>
</tr>
<tr>
<td>MailMerge.BeforeSendEventHandler</td>
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</tbody>
</table>

### Enumerations

<table>
<thead>
<tr>
<th>Enumeration</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>ValidationLevel</td>
<td>Contains the validation levels to be checked in the following order: Invalid, Syntax, Domain, SMTP, Account</td>
</tr>
</tbody>
</table>
UltimateEmail Class Library
AfterSendEventArgs Class

Class sent to the event handler when the AfterSend event is fired. For a list of all members of this type, see AfterSendEventArgs Members.

System.Object  System.EventArgs
Karamasoft.WebControls.UltimateEmail.AfterSendEventArgs

[Visual Basic]
Public Class AfterSendEventArgs
    Inherits EventArgs

[C#]
public class AfterSendEventArgs : EventArgs

Thread Safety

Public static (Shared in Visual Basic) members of this type are safe for multithreaded operations. Instance members are not guaranteed to be thread-safe.

Requirements

Namespace: Karamasoft.WebControls.UltimateEmail
Assembly: UltimateEmail (in UltimateEmail.dll)

See Also

AfterSendEventArgs Members  |  Karamasoft.WebControls.UltimateEmail Namespace

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UltimateEmail Class Library
### AfterSendEventArgs Members

**AfterSendEventArgs overview**

#### Public Instance Constructors

<table>
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<tr>
<th>Constructor</th>
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<td>AfterSendEventArgs Constructor</td>
<td>Constructor used to pass in the merged mail after sending it.</td>
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#### Public Instance Properties

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<td>DataRow</td>
<td>Data row to be merged into mail message.</td>
</tr>
<tr>
<td>MergedMail</td>
<td>Merged mail.</td>
</tr>
<tr>
<td>SendErrorMsg</td>
<td>Error message when SendStatus is false to indicate that the merged mail could not be sent successfully.</td>
</tr>
<tr>
<td>SendStatus</td>
<td>Boolean status to indicate whether the merged mail was sent successfully.</td>
</tr>
<tr>
<td>StopMailMerge</td>
<td>Flag to stop the mail merge process.</td>
</tr>
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#### Public Instance Methods

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<tr>
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<tr>
<td>Equals (inherited from Object)</td>
<td>Determines whether the specified Object is equal to the current Object.</td>
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<tr>
<td>GetHashCode (inherited from Object)</td>
<td>Serves as a hash function for a particular type, suitable for use in hashing algorithms and data structures like a hash table.</td>
</tr>
<tr>
<td>GetType (inherited from Object)</td>
<td>Gets the Type of the current instance.</td>
</tr>
</tbody>
</table>
ToString (inherited from Object)

Returns a String that represents the current Object.

See Also

AfterSendEventArgs Class | Karamasoft.WebControls.UltimateEmail Namespace

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UltimateEmail Class Library
AfterSendEventArgs Constructor

Constructor used to pass in the merged mail after sending it.

[Visual Basic] Public Sub New(  
    ByVal mergedMail As MailMessage, _  
    ByVal dataRow As DataRow, _  
    ByVal sendStatus As Boolean, _  
    ByVal sendErrorMsg As String, _  
    ByVal stopMailMerge As Boolean _  
)  

[C#]  
public AfterSendEventArgs(  
    MailMessage mergedMail,  
    DataRow dataRow,  
    bool sendStatus,  
    string sendErrorMsg,  
    bool stopMailMerge  
);  

See Also

AfterSendEventArgs Class | Karamasoft.WebControls.UltimateEmail Namespace
UltimateEmail Class Library
AfterSendEventArgs Properties

The properties of the `AfterSendEventArgs` class are listed below. For a complete list of `AfterSendEventArgs` class members, see the `AfterSendEventArgs Members` topic.

### Public Instance Properties

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<td><code>SendStatus</code></td>
<td>Boolean status to indicate whether the merged mail was sent successfully.</td>
</tr>
<tr>
<td><code>StopMailMerge</code></td>
<td>Flag to stop the mail merge process.</td>
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</tbody>
</table>

**See Also**

`AfterSendEventArgs Class` | `Karamasoft.WebControls.UltimateEmail Namespace`

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UltimateEmail Class Library
AfterSendEventArgs.DataRow Property

Data row to be merged into mail message.

[Visual Basic]
Public ReadOnly Property DataRow As DataRow

[C#]
public System.Data.DataRow DataRow {get;}

See Also

AfterSendEventArgs Class | Karamasoft.WebControls.UltimateEmail Namespace

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UltimateEmail Class Library
AfterSendEventArgs.MergedMail Property

Merged mail.

[Visual Basic]
Public ReadOnly Property MergedMail As MailMessage

[C#]

See Also

AfterSendEventArgs Class | Karamasoft.WebControls.UltimateEmail Namespace

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UltimateEmail Class Library
AfterSendEventArgs.SendErrorMsg Property

Error message when SendStatus is false to indicate that the merged mail could not be sent successfully.

[Visual Basic]
Public ReadOnly Property SendErrorMsg As String

[C#]
public string SendErrorMsg {get;}

See Also

AfterSendEventArgs Class | Karamasoft.WebControls.UltimateEmail Namespace

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UltimateEmail Class Library
AfterSendEventArgs.SendStatus Property

Boolean status to indicate whether the merged mail was sent successfully.

[Visual Basic]
Public Readonly Property SendStatus As Boolean

[C#]
public bool SendStatus {get;}

See Also

AfterSendEventArgs Class | Karamasoft.WebControls.UltimateEmail Namespace

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UltimateEmail Class Library
Flag to stop the mail merge process.

[Visual Basic]
Public Property StopMailMerge As Boolean

[C#]
public bool StopMailMerge {get; set;}

See Also

AfterSendEventArgs Class | Karamasoft.WebControls.UltimateEmail Namespace

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UltimateEmail Class Library
BeforeMergeEventArgs Class

Class sent to the event handler when the BeforeMerge event is fired.

For a list of all members of this type, see BeforeMergeEventArgs Members.

System.Object  System.EventArgs  
Karamasoft.WebControls.UltimateEmail.BeforeMergeEventArgs

[Visual Basic]  
Public Class BeforeMergeEventArgs  
Inherits EventArgs

[C#]  
public class BeforeMergeEventArgs : EventArgs

Thread Safety

Public static (Shared in Visual Basic) members of this type are safe for multithreaded operations. Instance members are not guaranteed to be thread-safe.

Requirements

Namespace: Karamasoft.WebControls.UltimateEmail  
Assembly: UltimateEmail (in UltimateEmail.dll)

See Also

BeforeMergeEventArgs Members  
Karamasoft.WebControls.UltimateEmail Namespace

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UltimateEmail Class Library
## BeforeMergeEventArgs Members

### BeforeMergeEventArgs overview

#### Public Instance Constructors

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<tr>
<th>Constructor</th>
<th>Description</th>
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<tbody>
<tr>
<td><strong>BeforeMergeEventArgs</strong> Constructor</td>
<td>Constructor used to pass in the mail before merging it.</td>
</tr>
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#### Public Instance Properties

<table>
<thead>
<tr>
<th>Property</th>
<th>Description</th>
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</thead>
<tbody>
<tr>
<td><strong>BccAddress</strong></td>
<td>Bcc address.</td>
</tr>
<tr>
<td><strong>Body</strong></td>
<td>Body.</td>
</tr>
<tr>
<td><strong>CCAddress</strong></td>
<td>CC address.</td>
</tr>
<tr>
<td><strong>DataRow</strong></td>
<td>Data row to be merged into mail message.</td>
</tr>
<tr>
<td><strong>FromAddress</strong></td>
<td>From address.</td>
</tr>
<tr>
<td><strong>FromDisplayName</strong></td>
<td>From display name.</td>
</tr>
<tr>
<td><strong>IsBodyHtml</strong></td>
<td>Is body in HTML format.</td>
</tr>
<tr>
<td><strong>ReplyToAddress</strong></td>
<td>Reply to address.</td>
</tr>
<tr>
<td><strong>Subject</strong></td>
<td>Subject.</td>
</tr>
<tr>
<td><strong>ToAddress</strong></td>
<td>To address.</td>
</tr>
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#### Public Instance Methods

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<tr>
<td><strong>Equals</strong> (inherited from <strong>Object</strong>)</td>
<td>Determines whether the specified <strong>Object</strong> is equal to the current <strong>Object</strong>.</td>
</tr>
<tr>
<td><strong>GetHashCode</strong> (inherited from <strong>Object</strong>)</td>
<td>Serves as a hash function for a particular type, suitable for use in hashing algorithms and data structures like a hash table.</td>
</tr>
<tr>
<td><strong>GetType</strong> (inherited from <strong>Object</strong>)</td>
<td>Gets the <strong>Type</strong> of the current instance.</td>
</tr>
</tbody>
</table>
**ToString** (inherited from **Object**)  
Returns a **String** that represents the current **Object**.

See Also

- [BeforeMergeEventArgs Class](#)
- [Karamasoft.WebControls.UltimateEmail Namespace](#)

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UltimateEmail Class Library
BeforeMergeEventArgs Constructor

Constructor used to pass in the mail before merging it.

[Visual Basic] Public Sub New( _
   ByVal fromAddress As String, _
   ByVal fromDisplayName As String, _
   ByVal replyToAddress As String, _
   ByVal toAddress As String, _
   ByVal ccAddress As String, _
   ByVal bccAddress As String, _
   ByVal subject As String, _
   ByVal body As String, _
   ByVal isBodyHtml As Boolean, _
   ByVal dataRow As DataRow _
)

[C#]
public BeforeMergeEventArgs(  
   string fromAddress,
   string fromDisplayName,
   string replyToAddress,
   string toAddress,
   string ccAddress,
   string bccAddress,
   string subject,
   string body,
   bool isBodyHtml,
   DataRow dataRow
);

See Also

BeforeMergeEventArgs Class | Karamasoft.WebControls.UltimateEmail Namespace

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UltimateEmail Class Library
The properties of the **BeforeMergeEventArgs** class are listed below. For a complete list of **BeforeMergeEventArgs** class members, see the [BeforeMergeEventArgs Members](#) topic.

### Public Instance Properties

<table>
<thead>
<tr>
<th>Property</th>
<th>Description</th>
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<tbody>
<tr>
<td><strong>BccAddress</strong></td>
<td>Bcc address.</td>
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<tr>
<td><strong>Body</strong></td>
<td>Body.</td>
</tr>
<tr>
<td><strong>CCAddress</strong></td>
<td>CC address.</td>
</tr>
<tr>
<td><strong>DataRow</strong></td>
<td>Data row to be merged into mail message.</td>
</tr>
<tr>
<td><strong>FromAddress</strong></td>
<td>From address.</td>
</tr>
<tr>
<td><strong>FromDisplayName</strong></td>
<td>From display name.</td>
</tr>
<tr>
<td><strong>IsBodyHtml</strong></td>
<td>Is body in HTML format.</td>
</tr>
<tr>
<td><strong>ReplyToAddress</strong></td>
<td>Reply to address.</td>
</tr>
<tr>
<td><strong>Subject</strong></td>
<td>Subject.</td>
</tr>
<tr>
<td><strong>ToAddress</strong></td>
<td>To address.</td>
</tr>
</tbody>
</table>

See Also

[BeforeMergeEventArgs Class](#) | [Karamasoft.WebControls.UltimateEmail Namespace](#)
BeforeMergeEventArgs.BccAddress Property

Bcc address.

[Visual Basic]
Public Property BccAddress As String

[C#]
public string BccAddress {get; set;}

See Also

BeforeMergeEventArgs Class | Karamasoft.WebControls.UltimateEmail Namespace

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UltimateEmail Class Library
BeforeMergeEventArgs.Body Property

Body.

[Visual Basic]
Public Property Body As String

[C#]
public string Body {get; set;}

See Also

BeforeMergeEventArgs Class | Karamasoft.WebControls.UltimateEmail Namespace

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BeforeMergeEventArgs.CCAddress Property

CC address.

[Visual Basic]
Public Property CCAddress As String

[C#]
public string CCAddress {get; set;}

See Also

BeforeMergeEventArgs Class | Karamasoft.WebControls.UltimateEmail Namespace

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UltimateEmail Class Library
Data row to be merged into mail message.

[C#]
public System.Data.DataRow DataRow {get;}

See Also

BeforeMergeEventArgs Class | Karamasoft.WebControls.UltimateEmail Namespace

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BeforeMergeEventArgs.FromAddress Property

From address.

[Visual Basic]
Public Property FromAddress As String

[C#]
public string FromAddress {get; set;}

See Also

BeforeMergeEventArgs Class | Karamasoft.WebControls.UltimateEmail Namespace

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UltimateEmail Class Library
BeforeMergeEventArgs.FromDisplayName Property

From display name.

[Visual Basic]
Public Property FromDisplayName As String

[C#]
public string FromDisplayName {get; set;}

See Also

BeforeMergeEventArgs Class | Karamasoft.WebControls.UltimateEmail Namespace

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UltimateEmail Class Library
BeforeMergeEventArgs.IsBodyHtml Property

Is body in HTML format.

[Visual Basic]
Public Property IsBodyHtml As Boolean

[C#]
public bool IsBodyHtml {get; set;}

See Also

BeforeMergeEventArgs Class | Karamasoft.WebControls.UltimateEmail Namespace

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UltimateEmail Class Library
BeforeMergeEventArgs.ReplyToAddress Property

Reply to address.

[Visual Basic]
Public Property ReplyToAddress As String

[C#]
public string ReplyToAddress {get; set;}

See Also

BeforeMergeEventArgs Class | Karamasoft.WebControls.UltimateEmail Namespace

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UltimateEmail Class Library
BeforeMergeEventArgs.Subject Property

Subject.

[Visual Basic]
Public Property Subject As String

[C#]
public string Subject {get; set;}

See Also

BeforeMergeEventArgs Class | Karamasoft.WebControls.UltimateEmail Namespace

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BeforeMergeEventArgs.ToAddress Property

To address.

[Visual Basic]
Public Property ToAddress As String

[C#]
public string ToAddress {get; set;}

See Also

BeforeMergeEventArgs Class | Karamasoft.WebControls.UltimateEmail Namespace

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**UltimateEmail Class Library**

<table>
<thead>
<tr>
<th>Class</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Class</td>
<td></td>
</tr>
<tr>
<td>Library</td>
<td></td>
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BeforeSendEventArgs Class

Class sent to the event handler when the BeforeSend event is fired.

For a list of all members of this type, see BeforeSendEventArgs Members.

System.Object     System.EventArgs
Karamasoft.WebControls.UltimateEmail.BeforeSendEventArgs

[Visual Basic]
Public Class BeforeSendEventArgs
    Inherits EventArgs

[C#]
public class BeforeSendEventArgs : EventArgs

Thread Safety

Public static (Shared in Visual Basic) members of this type are safe for multithreaded operations. Instance members are not guaranteed to be thread-safe.

Requirements

Namespace: Karamasoft.WebControls.UltimateEmail
Assembly: UltimateEmail (in UltimateEmail.dll)

See Also

BeforeSendEventArgs Members | Karamasoft.WebControls.UltimateEmail Namespace

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### BeforeSendEventArgs Members

#### BeforeSendEventArgs overview

**Public Instance Constructors**

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<th>Constructor</th>
<th>Constructor used to pass in the merged mail before sending it.</th>
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<td>Data row to be merged into mail message.</td>
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<td>MergedMail</td>
<td>Merged mail.</td>
</tr>
<tr>
<td>MergeErrorMsg</td>
<td>Error message when MergeStatus is false to indicate that the mail could not be merged successfully.</td>
</tr>
<tr>
<td>MergeStatus</td>
<td>Boolean status to indicate whether the mail was merged successfully.</td>
</tr>
<tr>
<td>SendMergedMail</td>
<td>Flag to send the merged mail.</td>
</tr>
<tr>
<td>StopMailMerge</td>
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<tr>
<td>Object)</td>
<td>instance.</td>
</tr>
<tr>
<td>---------</td>
<td>-----------</td>
</tr>
<tr>
<td>☑️ <strong>ToString</strong> (inherited from Object)</td>
<td>Returns a <strong>String</strong> that represents the current <strong>Object</strong>.</td>
</tr>
</tbody>
</table>

See Also

[BeforeSendEventArgs Class] | [Karamasoft.WebControls.UltimateEmail Namespace]

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UltimateEmail Class Library
BeforeSendEventArgs Constructor

Constructor used to pass in the merged mail before sending it.

[Visual Basic] Public Sub New( _
    ByVal mergedMail As MailMessage, _
    ByVal dataRow As DataRow, _
    ByVal mergeStatus As Boolean, _
    ByVal mergeErrorMsg As String, _
    ByVal sendMergedMail As Boolean, _
    ByVal stopMailMerge As Boolean _
    )

[C#]
public BeforeSendEventArgs(  
    MailMessage mergedMail,  
    DataRow dataRow,  
    bool mergeStatus,  
    string mergeErrorMsg,  
    bool sendMergedMail,  
    bool stopMailMerge  
    );

See Also

BeforeSendEventArgs Class | Karamasoft.WebControls.UltimateEmail Namespace

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UltimateEmail Class Library
**BeforeSendEventArgs Properties**

The properties of the `BeforeSendEventArgs` class are listed below. For a complete list of `BeforeSendEventArgs` class members, see the `BeforeSendEventArgs Members` topic.

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<td><code>MergedMail</code></td>
<td>Merged mail.</td>
</tr>
<tr>
<td><code>MergeErrorMsg</code></td>
<td>Error message when <code>MergeStatus</code> is false to indicate that the mail could not be merged successfully.</td>
</tr>
<tr>
<td><code>MergeStatus</code></td>
<td>Boolean status to indicate whether the mail was merged successfully.</td>
</tr>
<tr>
<td><code>SendMergedMail</code></td>
<td>Flag to send the merged mail.</td>
</tr>
<tr>
<td><code>StopMailMerge</code></td>
<td>Flag to stop the mail merge process.</td>
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</table>

**See Also**

- `BeforeSendEventArgs Class`
- `Karamasoft.WebControls.UltimateEmail Namespace`

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UltimateEmail Class Library
# BeforeSendEventArgs.DataRow Property

Data row to be merged into mail message.

```vbnet
Public ReadOnly Property DataRow As DataRow
```

```csharp
public System.Data.DataRow DataRow {get;}
```

## See Also

- [BeforeSendEventArgs Class](#)
- [Karamasoft.WebControls.UltimateEmail Namespace](#)
UltimateEmail Class Library
BeforeSendEventArgs.MergedMail Property

Merged mail.

[Visual Basic]
Public Property MergedMail As MailMessage

[C#]

See Also

BeforeSendEventArgs Class | Karamasoft.WebControls.UltimateEmail Namespace

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UltimateEmail Class Library
BeforeSendEventArgs.MergeErrorMsg Property

Error message when MergeStatus is false to indicate that the mail could not be merged successfully.

[Visual Basic]
Public ReadOnly Property MergeErrorMsg As String

[C#]
public string MergeErrorMsg {get;}

See Also

BeforeSendEventArgs Class | Karamasoft.WebControls.UltimateEmail Namespace

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UltimateEmail Class Library
BeforeSendEventArgs.MergeStatus Property

Boolean status to indicate whether the mail was merged successfully.

[Visual Basic]
Public ReadOnly Property MergeStatus As Boolean

[C#]
public bool MergeStatus {get;}

See Also

BeforeSendEventArgs Class | Karamasoft.WebControls.UltimateEmail Namespace
UltimateEmail Class Library
Flag to send the merged mail.

[Visual Basic]
Public Property SendMergedMail As Boolean

[C#]
public bool SendMergedMail {get; set;}

See Also

BeforeSendEventArgs Class | Karamasoft.WebControls.UltimateEmail Namespace

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UltimateEmail Class Library
BeforeSendEventArgs.StopMailMerge Property

Flag to stop the mail merge process.

[Visual Basic]
Public Property StopMailMerge As Boolean

[C#]
public bool StopMailMerge {get; set;}

See Also

BeforeSendEventArgs Class | Karamasoft.WebControls.UltimateEmail Namespace
UltimateEmail Class Library
MailMerge Class

Represents the class that does the mail merge, and sends the merged mail to all recipients.

For a list of all members of this type, see MailMerge Members.

**System.Object**

Karamasoft.WebControls.UltimateEmail.MailMerge

[Visual Basic]

Public Class MailMerge

[C#]

public class MailMerge

Thread Safety

Public static (Shared in Visual Basic) members of this type are safe for multithreaded operations. Instance members are not guaranteed to be thread-safe.

Requirements

**Namespace:** Karamasoft.WebControls.UltimateEmail

**Assembly:** UltimateEmail (in UltimateEmail.dll)

See Also

MailMerge Members | Karamasoft.WebControls.UltimateEmail Namespace

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UltimateEmail Class Library
MailMerge Members

MailMerge overview

Public Instance Constructors

| MailMerge Constructor | Initializes a new instance of the MailMerge class.

Public Instance Properties

<table>
<thead>
<tr>
<th>BatchInterval</th>
<th>Gets or sets the duration between each batch operation in milliseconds.</th>
</tr>
</thead>
<tbody>
<tr>
<td>BatchSize</td>
<td>Gets or sets the number of emails to send in each batch.</td>
</tr>
<tr>
<td>BccAddressTemplate</td>
<td>Gets or sets the blind carbon-copy email address column in the DataSource such as [<em>bccAddress</em>].</td>
</tr>
<tr>
<td>BodyTemplate</td>
<td>Gets or sets the email subject template that may contain column names from the DataSource such as Dear [<em>firstName</em>] [<em>lastName</em>], Thank you for your order.</td>
</tr>
<tr>
<td>CcAddressTemplate</td>
<td>Gets or sets the carbon-copy email address column in the DataSource such as [<em>ccAddress</em>].</td>
</tr>
<tr>
<td>DataMember</td>
<td>Gets or sets the DataTable used for binding when a DataSet is used as the DataSource.</td>
</tr>
<tr>
<td>DataSource</td>
<td>Gets or sets the data source that contains the email delivery</td>
</tr>
</tbody>
</table>
and content information.

<table>
<thead>
<tr>
<th>FieldPrefix</th>
<th>Gets or sets the prefix at the head of each column name used as a merge field. Default value is [*]</th>
</tr>
</thead>
<tbody>
<tr>
<td>FieldSuffix</td>
<td>Gets or sets the suffix at the end of each column name used as a merge field. Default value is [*]</td>
</tr>
<tr>
<td>FromAddressTemplate</td>
<td>Gets or sets the email address of the sender.</td>
</tr>
<tr>
<td>FromDisplayNameTemplate</td>
<td>Gets or sets the name of the sender displayed on the recipient email tool.</td>
</tr>
<tr>
<td>Host</td>
<td>Gets or sets the name or IP address of the SMTP server.</td>
</tr>
<tr>
<td>IsBodyHtml</td>
<td>Gets or sets a value to indicate whether mail message body is in Html. Default value is <strong>true</strong>.</td>
</tr>
<tr>
<td>Password</td>
<td>Gets or sets the password for SMTP server authentication.</td>
</tr>
<tr>
<td>Port</td>
<td>Gets or sets the port used for SMTP transactions.</td>
</tr>
<tr>
<td>ReplyToAddressTemplate</td>
<td>Gets or sets the email address to reply to.</td>
</tr>
<tr>
<td>SubjectTemplate</td>
<td>Gets or sets the email subject template that may contain column names from the DataSource such as <strong>Order Confirmation</strong> [<em>orderNumber</em>].</td>
</tr>
<tr>
<td>ToAddressTemplate</td>
<td>Gets or sets the recipient email address.</td>
</tr>
</tbody>
</table>
address column in the DataSource such as [*toAddress*].

<table>
<thead>
<tr>
<th><strong>Username</strong></th>
<th>Gets or sets the username for SMTP server authentication.</th>
</tr>
</thead>
</table>

**Public Instance Methods**

| **Equals** (inherited from **Object**) | Determines whether the specified **Object** is equal to the current **Object**. |
| **GetHashCode** (inherited from **Object**) | Serves as a hash function for a particular type, suitable for use in hashing algorithms and data structures like a hash table. |
| **GetType** (inherited from **Object**) | Gets the **Type** of the current instance. |
| **SendMailMerge** | Overloaded. Sends the message template to the recipients by updating the merge fields wrapped as [*fieldName*] from the data table. |
| **ToString** (inherited from **Object**) | Returns a **String** that represents the current **Object**. |

**Public Instance Events**

| **AfterSend** | Raised after a mail is sent to the email address in the merged row. |
| **BeforeMerge** | Raised before a mail is merged. |
| **BeforeSend** | Raised before a mail is sent to the email address in the merged row. |
See Also

MailMerge Class | Karamasoft.WebControls.UltimateEmail Namespace
MailMerge Constructor

Initializes a new instance of the MailMerge class.

[Visual Basic] Public Sub New()

[C#]
public MailMerge();

See Also

MailMerge Class | Karamasoft.WebControls.UltimateEmail Namespace

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UltimateEmail Class Library
MailMerge Properties

The properties of the MailMerge class are listed below. For a complete list of MailMerge class members, see the MailMerge Members topic.

Public Instance Properties

<table>
<thead>
<tr>
<th>Property</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>BatchInterval</strong></td>
<td>Gets or sets the duration between each batch operation in milliseconds.</td>
</tr>
<tr>
<td><strong>BatchSize</strong></td>
<td>Gets or sets the number of emails to send in each batch.</td>
</tr>
<tr>
<td><strong>BccAddressTemplate</strong></td>
<td>Gets or sets the blind carbon-copy email address column in the DataSource such as [<em>bccAddress</em>].</td>
</tr>
<tr>
<td><strong>BodyTemplate</strong></td>
<td>Gets or sets the email subject template that may contain column names from the DataSource such as Dear [<em>firstName</em>] [<em>lastName</em>], Thank you for your order.</td>
</tr>
<tr>
<td><strong>CcAddressTemplate</strong></td>
<td>Gets or sets the carbon-copy email address column in the DataSource such as [<em>ccAddress</em>].</td>
</tr>
<tr>
<td><strong>DataMember</strong></td>
<td>Gets or sets the DataTable used for binding when a DataSet is used as the DataSource.</td>
</tr>
<tr>
<td><strong>DataSource</strong></td>
<td>Gets or sets the data source that contains the email delivery and content information.</td>
</tr>
<tr>
<td><strong>FieldPrefix</strong></td>
<td>Gets or sets the prefix at the head of each column name.</td>
</tr>
<tr>
<td>Property</td>
<td>Description</td>
</tr>
<tr>
<td>------------------------------</td>
<td>---------------------------------------------------------------------------------------------------------------------------------------------</td>
</tr>
<tr>
<td>FieldSuffix</td>
<td>Gets or sets the suffix at the end of each column name used as a merge field. Default value is <code>[*]</code>.</td>
</tr>
<tr>
<td>FromAddressTemplate</td>
<td>Gets or sets the email address of the sender.</td>
</tr>
<tr>
<td>FromDisplayNameTemplate</td>
<td>Gets or sets the name of the sender displayed on the recipient email tool.</td>
</tr>
<tr>
<td>Host</td>
<td>Gets or sets the name or IP address of the SMTP server.</td>
</tr>
<tr>
<td>IsBodyHtml</td>
<td>Gets or sets a value to indicate whether mail message body is in Html. Default value is <code>true</code>.</td>
</tr>
<tr>
<td>Password</td>
<td>Gets or sets the password for SMTP server authentication.</td>
</tr>
<tr>
<td>Port</td>
<td>Gets or sets the port used for SMTP transactions.</td>
</tr>
<tr>
<td>ReplyToAddressTemplate</td>
<td>Gets or sets the email address to reply to.</td>
</tr>
<tr>
<td>SubjectTemplate</td>
<td>Gets or sets the email subject template that may contain column names from the DataSource such as <code>Order Confirmation [*orderNumber*]</code>.</td>
</tr>
<tr>
<td>ToAddressTemplate</td>
<td>Gets or sets the recipient email address column in the DataSource such as <code>[*toAddress*]</code>.</td>
</tr>
<tr>
<td><strong>Username</strong></td>
<td>Gets or sets the username for SMTP server authentication.</td>
</tr>
</tbody>
</table>

**See Also**

[MailMerge Class](#) | [Karamasoft.WebControls.UltimateEmail Namespace](#)

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UltimateEmail Class Library
MailMerge.BatchInterval Property

Gets or sets the duration between each batch operation in milliseconds.

[Visual Basic]
Public Property BatchInterval As Integer

[C#]
public int BatchInterval {get; set;}

Property Value
Duration between each batch operation in milliseconds.

See Also
MailMerge Class | Karamasoft.WebControls.UltimateEmail Namespace

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**UltimateEmail Class Library**
MailMerge.BatchSize Property

 Gets or sets the number of emails to send in each batch.

[Visual Basic]
Public Property BatchSize As Integer

[C#]
public int BatchSize {get; set;}

Property Value

Number of emails to send in each batch.

See Also

MailMerge Class | Karamasoft.WebControls.UltimateEmail Namespace

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UltimateEmail Class Library
MailMerge.BccAddressTemplate Property

Gets or sets the blind carbon-copy email address column in the DataSource such as [*bccAddress*].

[Visual Basic]
Public Property BccAddressTemplate As String

[C#]
public string BccAddressTemplate {get; set;}

Property Value

Blind carbon-copy email address column in the DataSource such as [*bccAddress*].

See Also

MailMerge Class | Karamasoft.WebControls.UltimateEmail Namespace

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UltimateEmail Class Library
MailMerge.BodyTemplate Property

Gets or sets the email subject template that may contain column names from the DataSource such as Dear [*firstName*] [*lastName*], Thank you for your order.

[Visual Basic]
Public Property BodyTemplate As String

[C#]
public string BodyTemplate {get; set;}

Property Value

Email subject template that may contain column names from the DataSource such as Dear [*firstName*] [*lastName*], Thank you for your order.

See Also

MailMerge Class | Karamasoft.WebControls.UltimateEmail Namespace

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UltimateEmail Class Library
MailMerge.CcAddressTemplate Property

Gets or sets the carbon-copy email address column in the DataSource such as [*ccAddress*].

[Visual Basic]
Public Property CcAddressTemplate As String

[C#]
public string CcAddressTemplate {get; set;}

Property Value

Carbon-copy email address column in the DataSource such as [*ccAddress*].

See Also

MailMerge Class | Karamasoft.WebControls.UltimateEmail
Namespace

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UltimateEmail Class Library
MailMerge.DataMember Property

Gets or sets the DataTable used for binding when a DataSet is used as the DataSource.

[Visual Basic]
Public PropertyDataMember As String

[C#]
public string DataMember {get; set;}

Property Value
The DataTable used for binding when a DataSet is used as the DataSource.

See Also
MailMerge Class | Karamasoft.WebControls.UltimateEmail Namespace

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UltimateEmail Class Library
MailMerge.DataSource Property

Gets or sets the data source that contains the email delivery and content information.

[Visual Basic]
Public Property DataSource As Object

[C#]
public object DataSource {get; set;}

Property Value

The data source that contains the email delivery and content information.

Remarks

Data source can be set to almost any type that contains data. You can set it to any type of object such as a DataSet, DataTable, DataView, DataReader, Collection, ArrayList, Array, XmlDocument, or a string in which To email addresses are delimited by comma or semicolon.

See Also

MailMerge Class | Karamasoft.WebControls.UltimateEmail Namespace

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UltimateEmail Class Library
MailMerge.FieldPrefix Property

Gets or sets the prefix at the head of each column name used as a merge field. Default value is [*

[Visual Basic]
Public Property FieldPrefix As String

[C#]
public string FieldPrefix {get; set;}

Property Value

Prefix at the head of each column name used as a merge field.

See Also

MailMerge Class | Karamasoft.WebControls.UltimateEmail Namespace

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UltimateEmail Class Library
MailMerge.FieldSuffix Property

Gets or sets the suffix at the end of each column name used as a merge field. Default value is *

[Visual Basic]
Public Property FieldSuffix As String

[C#]
public string FieldSuffix {get; set;}

Property Value

Suffix at the end of each column name used as a merge field.

See Also

MailMerge Class | Karamasoft.WebControls.UltimateEmail Namespace

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UltimateEmail Class Library
MailMerge.FromAddressTemplate Property

Gets or sets the email address of the sender.

[Visual Basic]
Public Property FromAddressTemplate As String

[C#]
public string FromAddressTemplate {get; set;]

Property Value

Email address of the sender.

See Also

MailMerge Class | Karamasoft.WebControls.UltimateEmail Namespace

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UltimateEmail Class Library
MailMerge.FromDisplayNameTemplate Property

Gets or sets the name of the sender displayed on the recipient email tool.

[Visual Basic]
Public Property FromDisplayNameTemplate As String

[C#]
public string FromDisplayNameTemplate {get; set;}

Property Value

Name of the sender displayed on the recipient email tool.

See Also

MailMerge Class | Karamasoft.WebControls.UltimateEmail Namespace

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UltimateEmail Class Library
MailMerge.Host Property

Gets or sets the name or IP address of the SMTP server.

[Visual Basic]
Public Property Host As String

[C#]
public string Host {get; set;}

Property Value

Name or IP address of the SMTP server.

See Also

MailMerge Class | Karamasoft.WebControls.UltimateEmail Namespace

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UltimateEmail Class Library
MailMerge.IsBodyHtml Property

Gets or sets a value to indicate whether mail message body is in Html. Default value is **true**.

**[Visual Basic]**

```vbnet
Public Property IsBodyHtml As Boolean
```

**[C#]**

```csharp
public bool IsBodyHtml {get; set;}
```

Property Value

Value to indicate whether mail message body is in Html.

See Also

[MailMerge Class](#) | [Karamasoft.WebControls.UltimateEmail Namespace](#)

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UltimateEmail Class Library
MailMerge.Password Property

Gets or sets the password for SMTP server authentication.

[Visual Basic]
Public Property Password As String

[C#]
public string Password {get; set;}

Property Value

Password for SMTP server authentication.

See Also

MailMerge Class | Karamasoft.WebControls.UltimateEmail Namespace

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UltimateEmail Class Library
MailMerge.Port Property

Gets or sets the port used for SMTP transactions.

[Visual Basic]
Public Property Port As Integer

[C#]
public int Port {get; set;}

Property Value

Port used for SMTP transactions.

See Also

MailMerge Class | Karamasoft.WebControls.UltimateEmail Namespace

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UltimateEmail Class Library
MailMerge.ReplyToAddressTemplate Property

Gets or sets the email address to reply to.

[Visual Basic]
Public Property ReplyToAddressTemplate As String

[C#]
public string ReplyToAddressTemplate {get; set;}

Property Value

Email address to reply to.

See Also

MailMerge Class | Karamasoft.WebControls.UltimateEmail Namespace

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UltimateEmail Class Library
MailMerge.SubjectTemplate Property

Gets or sets the email subject template that may contain column names from the DataSource such as **Order Confirmation [*orderNumber*]**.

**[Visual Basic]**

Public Property SubjectTemplate As String

**[C#]**

public string SubjectTemplate {get; set;}

Property Value

Email subject template that may contain column names from the DataSource such as **Order Confirmation [*orderNumber*]**.

See Also

MailMerge Class | Karamasoft.WebControls.UltimateEmail Namespace

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MailMerge.ToAddressTemplate Property

Gets or sets the recipient email address column in the DataSource such as [*toAddress*].

[Visual Basic]
Public Property ToAddressTemplate As String

[C#]
public string ToAddressTemplate {get; set;}

Property Value

Recipient email address column in the DataSource such as [*toAddress*].

See Also

MailMerge Class | Karamasoft.WebControls.UltimateEmail Namespace

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UltimateEmail Class Library
MailMerge.Username Property

Gets or sets the username for SMTP server authentication.

[Visual Basic]
Public Property Username As String

[C#]
public string Username {get; set;}

Property Value

Username for SMTP server authentication.

See Also

MailMerge Class | Karamasoft.WebControls.UltimateEmail Namespace

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MailMerge Methods

The methods of the MailMerge class are listed below. For a complete list of MailMerge class members, see the MailMerge Members topic.

Public Instance Methods

<table>
<thead>
<tr>
<th>Method</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>✯ <strong>Equals</strong> (inherited from Object)</td>
<td>Determines whether the specified Object is equal to the current Object.</td>
</tr>
<tr>
<td>✯ <strong>GetHashCode</strong> (inherited from Object)</td>
<td>Serves as a hash function for a particular type, suitable for use in hashing algorithms and data structures like a hash table.</td>
</tr>
<tr>
<td>✯ <strong>GetType</strong> (inherited from Object)</td>
<td>Gets the Type of the current instance.</td>
</tr>
<tr>
<td>✯ <strong>SendMailMerge</strong></td>
<td>Overloaded. Sends the message template to the recipients by updating the merge fields wrapped as [<em>fieldName</em>] from the data table.</td>
</tr>
<tr>
<td>✯ <strong>ToString</strong> (inherited from Object)</td>
<td>Returns a String that represents the current Object.</td>
</tr>
</tbody>
</table>

See Also

MailMerge Class | Karamasoft.WebControls.UltimateEmail Namespace

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UltimateEmail Class Library
MailMerge.SendMailMerge Method

Sends the message template to the recipients by updating the merge fields wrapped as [*fieldName*] from the data table.

**Overload List**

Sends the message template to the recipients by updating the merge fields wrapped as [*fieldName*] from the data table.

```csharp
public void SendMailMerge();

Sends the message template to the recipients by updating the merge fields wrapped as [*fieldName*] from the data table.

```csharp
public void SendMailMerge(MailMessage);
```

**See Also**

[MailMerge Class](#) | [Karamasoft.WebControls.UltimateEmail Namespace](#)
UltimateEmail Class Library
Sends the message template to the recipients by updating the merge fields wrapped as [*fieldName*] from the data table.

[Bold][Visual Basic]
Overloads Public Sub SendMailMerge()

[Bold][C#]
public void SendMailMerge();

See Also

MailMerge Class | Karamasoft.WebControls.UltimateEmail Namespace | MailMerge.SendMailMerge Overload List

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UltimateEmail Class Library
Sends the message template to the recipients by updating the merge fields wrapped as [*fieldName*] from the data table.

**Parameters**

*mm*

MailMessage object used for customization

**See Also**

[MailMerge Class](#) | [Karamasoft.WebControls.UltimateEmail Namespace](#) | [MailMerge.SendMailMerge Overload List](#)
UltimateEmail Class Library
## MailMerge Events

The events of the MailMerge class are listed below. For a complete list of MailMerge class members, see the MailMerge Members topic.

### Public Instance Events

<table>
<thead>
<tr>
<th>Event</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>AfterSend</td>
<td>Raised after a mail is sent to the email address in the merged row.</td>
</tr>
<tr>
<td>BeforeMerge</td>
<td>Raised before a mail is merged.</td>
</tr>
<tr>
<td>BeforeSend</td>
<td>Raised before a mail is sent to the email address in the merged row.</td>
</tr>
</tbody>
</table>

### See Also

[MailMerge Class](#) | [Karamasoft.WebControls.UltimateEmail Namespace](#)
UltimateEmail Class Library
Raised after a mail is sent to the email address in the merged row.

[Visual Basic]
Public Event AfterSend As AfterSendEventHandler

[C#]
public event AfterSendEventHandler AfterSend;

Event Data

The event handler receives an argument of type AfterSendEventArgs containing data related to this event. The following AfterSendEventArgs properties provide information specific to this event.

<table>
<thead>
<tr>
<th>Property</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>DataRow</td>
<td>Data row to be merged into mail message.</td>
</tr>
<tr>
<td>MergedMail</td>
<td>Merged mail.</td>
</tr>
<tr>
<td>SendErrorMsg</td>
<td>Error message when SendStatus is false to indicate that the merged mail could not be sent successfully.</td>
</tr>
<tr>
<td>SendStatus</td>
<td>Boolean status to indicate whether the merged mail was sent successfully.</td>
</tr>
<tr>
<td>StopMailMerge</td>
<td>Flag to stop the mail merge process.</td>
</tr>
</tbody>
</table>

See Also

MailMerge Class | Karamasoft.WebControls.UltimateEmail Namespace
UltimateEmail Class Library
MailMerge.BeforeMerge Event

Raised before a mail is merged.

[Visual Basic]
Public Event BeforeMerge As BeforeMergeEventHandler

[C#]
public event BeforeMergeEventHandler BeforeMerge;

Event Data

The event handler receives an argument of type BeforeMergeEventArgs containing data related to this event. The following BeforeMergeEventArgs properties provide information specific to this event.

<table>
<thead>
<tr>
<th>Property</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>BccAddress</td>
<td>Bcc address.</td>
</tr>
<tr>
<td>Body</td>
<td>Body.</td>
</tr>
<tr>
<td>CCAddress</td>
<td>CC address.</td>
</tr>
<tr>
<td>DataRow</td>
<td>Data row to be merged into mail message.</td>
</tr>
<tr>
<td>FromAddress</td>
<td>From address.</td>
</tr>
<tr>
<td>FromDisplayName</td>
<td>From display name.</td>
</tr>
<tr>
<td>IsBodyHtml</td>
<td>Is body in HTML format.</td>
</tr>
<tr>
<td>ReplyToAddress</td>
<td>Reply to address.</td>
</tr>
<tr>
<td>Subject</td>
<td>Subject.</td>
</tr>
<tr>
<td>ToAddress</td>
<td>To address.</td>
</tr>
</tbody>
</table>

See Also

MailMerge Class | Karamasoft.WebControls.UltimateEmail Namespace
UltimateEmail Class Library
MailMerge.BeforeSend Event

Raised before a mail is sent to the email address in the merged row.

[Visual Basic]
Public Event BeforeSend As BeforeSendEventHandler

[C#]
public event BeforeSendEventHandler BeforeSend;

Event Data

The event handler receives an argument of type BeforeSendEventArgs containing data related to this event. The following BeforeSendEventArgs properties provide information specific to this event.

<table>
<thead>
<tr>
<th>Property</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>DataRow</td>
<td>Data row to be merged into mail message.</td>
</tr>
<tr>
<td>MergedMail</td>
<td>Merged mail.</td>
</tr>
<tr>
<td>MergeErrorMsg</td>
<td>Error message when MergeStatus is false to indicate that the mail could not be merged successfully.</td>
</tr>
<tr>
<td>MergeStatus</td>
<td>Boolean status to indicate whether the mail was merged successfully.</td>
</tr>
<tr>
<td>SendMergedMail</td>
<td>Flag to send the merged mail.</td>
</tr>
<tr>
<td>StopMailMerge</td>
<td>Flag to stop the mail merge process.</td>
</tr>
</tbody>
</table>

See Also

MailMerge Class | Karamasoft.WebControls.UltimateEmail Namespace
UltimateEmail Class Library
**MailMerge.AfterSendEventHandler Delegate**

Declares the AfterSend event handler delegate.

```csharp
public delegate void MailMerge.AfterSendEventHandler(object sender, AfterSendEventArgs e);
```

```vbnet
Public Delegate Sub MailMerge.AfterSendEventHandler( _
    ByVal sender As Object, _
    ByVal e As AfterSendEventArgs _
)
```

**Requirements**

**Namespace:** Karamasoft.WebControls.UltimateEmail

**Assembly:** UltimateEmail (in UltimateEmail.dll)

**See Also**

Karamasoft.WebControls.UltimateEmail Namespace
**MailMerge.BeforeMergeEventHandler Delegate**

Declares the BeforeMerge event handler delegate.

```visualbasic
Public Delegate Sub MailMerge.BeforeMergeEventHandler(
    ByVal sender As Object,
    ByVal e As BeforeMergeEventArgs)
```

```csharp
public delegate void MailMerge.BeforeMergeEventHandler(
    object sender,
    BeforeMergeEventArgs e
);
```

**Requirements**

**Namespace:** Karamasoft.WebControls.UltimateEmail

**Assembly:** UltimateEmail (in UltimateEmail.dll)

**See Also**

Karamasoft.WebControls.UltimateEmail Namespace

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UltimateEmail Class Library
MailMerge.BeforeSendEventHandler Delegate

Declares the BeforeSend event handler delegate.

[Visual Basic]
Public Delegate Sub MailMerge.BeforeSendEventHandler(
   ByVal sender As Object, _
   ByVal e As BeforeSendEventArgs _
)

[C#]
public delegate void MailMerge.BeforeSendEventHandler(
   object sender,
   BeforeSendEventArgs e
);

Requirements

Namespace: Karamasoft.WebControls.UltimateEmail

Assembly: UltimateEmail (in UltimateEmail.dll)

See Also

Karamasoft.WebControls.UltimateEmail Namespace

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UltimateEmail Class Library
UltimateEmailMerge Class

UltimateEmailMerge is an ASP.NET server control to provide mail merge functionality.

For a list of all members of this type, see UltimateEmailMerge Members.


[Visual Basic]
Public Class UltimateEmailMerge
    Inherits WebControl

[C#]
public class UltimateEmailMerge :
    WebControl

Thread Safety

Public static (Shared in Visual Basic) members of this type are safe for multithreaded operations. Instance members are not guaranteed to be thread-safe.

Remarks

You can set the DataSource property to almost any type that contains data. You can also set the MailMerge template properties to the data columns in the specified data source. Then the UltimateEmailMerge control will send an email to each recipient by customizing the email delivery and content information based on the merge fields in the templates.

Requirements

Namespace: Karamasoft.WebControls.UltimateEmail
Assembly: UltimateEmail (in UltimateEmail.dll)
UltimateEmail Class Library
# UltimateEmailMerge Members

## UltimateEmailMerge overview

### Public Instance Constructors

<table>
<thead>
<tr>
<th>Constructor</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>UltimateEmailMerge Constructor</strong></td>
<td>Initializes a new instance of the UltimateEmailMerge class.</td>
</tr>
</tbody>
</table>

### Public Instance Properties

<table>
<thead>
<tr>
<th>Property</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>AccessKey</strong></td>
<td>Gets or sets the access key (underlined letter) that allows you to quickly navigate to the Web server control.</td>
</tr>
<tr>
<td><strong>Attributes</strong></td>
<td>Gets the collection of arbitrary attributes (for rendering only) that do not correspond to properties on the control.</td>
</tr>
<tr>
<td><strong>BackColor</strong></td>
<td>Gets or sets the background color of the Web server control.</td>
</tr>
<tr>
<td><strong>BatchInterval</strong></td>
<td>Gets or sets the duration between each send operation in milliseconds. Default value is <strong>1000</strong>.</td>
</tr>
<tr>
<td><strong>BatchSize</strong></td>
<td>Gets or sets the number of emails to send in each batch. Default value is <strong>100</strong>.</td>
</tr>
<tr>
<td><strong>BccAddressTemplate</strong></td>
<td>Gets or sets the blind carbon-copy email address column in the DataSource such as <em>[bccAddress]</em>.</td>
</tr>
<tr>
<td><strong>BindingContainer</strong></td>
<td>(inherited from Control) gets or sets the email subject</td>
</tr>
<tr>
<td><strong>BodyTemplate</strong></td>
<td></td>
</tr>
<tr>
<td>Property</td>
<td>Description</td>
</tr>
<tr>
<td>------------------------</td>
<td>----------------------------------------------------------------------------------------------------------------------------------------------</td>
</tr>
<tr>
<td><strong>BorderColor</strong></td>
<td>(inherited from WebControl) Gets or sets the border color of the Web control.</td>
</tr>
<tr>
<td><strong>BorderStyle</strong></td>
<td>(inherited from WebControl) Gets or sets the border style of the Web server control.</td>
</tr>
<tr>
<td><strong>BorderWidth</strong></td>
<td>(inherited from WebControl) Gets or sets the border width of the Web server control.</td>
</tr>
<tr>
<td><strong>CcAddressTemplate</strong></td>
<td>Gets or sets the carbon-copy email address column in the DataSource such as [<em>ccAddress</em>].</td>
</tr>
<tr>
<td><strong>ClientID</strong></td>
<td>(inherited from Control) Gets the server control identifier generated by ASP.NET.</td>
</tr>
<tr>
<td><strong>Controls</strong></td>
<td>(inherited from Control) Gets a ControlCollection object that represents the child controls for a specified server control in the UI hierarchy.</td>
</tr>
<tr>
<td><strong>ControlStyle</strong></td>
<td>(inherited from WebControl) Gets the style of the Web server control. This property is used primarily by control developers.</td>
</tr>
<tr>
<td><strong>ControlStyleCreated</strong></td>
<td>(inherited from WebControl) Gets a value indicating whether a Style object has been created for the ControlStyle property. This property is primarily used by control developers.</td>
</tr>
<tr>
<td><strong>CssClass</strong></td>
<td>(inherited from WebControl) Gets or sets the Cascading Style Sheet (CSS) class rendered by the Web server control on the client.</td>
</tr>
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<td>Property</td>
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</tr>
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<td>-------------------</td>
<td>-----------------------------------------------------------------------------</td>
</tr>
<tr>
<td><strong>DataMember</strong></td>
<td>Gets or sets the DataTable used for binding when a DataSet is used as the.DataSource.</td>
</tr>
<tr>
<td><strong>DataSource</strong></td>
<td>Gets or sets the data source that contains the email delivery and content information.</td>
</tr>
<tr>
<td><strong>Enabled</strong> (inherited from WebControl)</td>
<td>Gets or sets a value indicating whether the Web server control is enabled.</td>
</tr>
<tr>
<td><strong>EnableViewState</strong> (inherited from Control)</td>
<td>Gets or sets a value indicating whether the server control persists its view state, and the view state of any child controls it contains, to the requesting client.</td>
</tr>
<tr>
<td><strong>FieldPrefix</strong></td>
<td>Gets or sets the prefix at the head of each column name used as a merge field. Default value is [*].</td>
</tr>
<tr>
<td><strong>FieldSuffix</strong></td>
<td>Gets or sets the suffix at the end of each column name used as a merge field. Default value is *].</td>
</tr>
<tr>
<td><strong>Font</strong> (inherited from WebControl)</td>
<td>Gets the font properties associated with the Web server control.</td>
</tr>
<tr>
<td><strong>ForeColor</strong> (inherited from WebControl)</td>
<td>Gets or sets the foreground color (typically the color of the text) of the Web server control.</td>
</tr>
<tr>
<td><strong>FromAddressTemplate</strong></td>
<td>Gets or sets the email address of the sender.</td>
</tr>
<tr>
<td><strong>FromDisplayNameTemplate</strong></td>
<td>Gets or sets the name of the sender displayed on the</td>
</tr>
<tr>
<td>Property</td>
<td>Description</td>
</tr>
<tr>
<td>----------------------------------</td>
<td>-----------------------------------------------------------------------------</td>
</tr>
<tr>
<td><strong>Height</strong> (inherited from WebControl)</td>
<td>Gets or sets the height of the Web server control.</td>
</tr>
<tr>
<td><strong>Host</strong></td>
<td>Gets or sets the name or IP address of the SMTP server.</td>
</tr>
<tr>
<td><strong>ID</strong> (inherited from Control)</td>
<td>Gets or sets the programmatic identifier assigned to the server control.</td>
</tr>
<tr>
<td><strong>IsBodyHtml</strong></td>
<td>Gets or sets a value to indicate whether mail message body is in Html. Default value is <strong>false</strong>.</td>
</tr>
<tr>
<td><strong>NamingContainer</strong> (inherited from Control)</td>
<td>Gets a reference to the server control's naming container, which creates a unique namespace for differentiating between server controls with the same <strong>ID</strong> property value.</td>
</tr>
<tr>
<td><strong>Page</strong> (inherited from Control)</td>
<td>Gets a reference to the <strong>Page</strong> instance that contains the server control.</td>
</tr>
<tr>
<td><strong>Parent</strong> (inherited from Control)</td>
<td>Gets a reference to the server control's parent control in the page control hierarchy.</td>
</tr>
<tr>
<td><strong>Password</strong></td>
<td>Gets or sets the password for SMTP server authentication.</td>
</tr>
<tr>
<td><strong>Port</strong></td>
<td>Gets or sets the port used for SMTP transactions.</td>
</tr>
<tr>
<td><strong>ReplyToAddressTemplate</strong></td>
<td>Gets or sets the email address to reply to.</td>
</tr>
<tr>
<td><strong>Site</strong> (inherited from Control)</td>
<td>Gets information about the Web site to which the server control belongs.</td>
</tr>
<tr>
<td>Property</td>
<td>Description</td>
</tr>
<tr>
<td>-------------------------</td>
<td>-----------------------------------------------------------------------------</td>
</tr>
<tr>
<td><strong>Style</strong> (inherited from WebControl)</td>
<td>Gets a collection of text attributes that will be rendered as a style attribute on the outer tag of the Web server control.</td>
</tr>
<tr>
<td><strong>SubjectTemplate</strong></td>
<td>Gets or sets the email subject template that may contain column names from the DataSource such as <strong>Order Confirmation</strong> [<em>OrderNumber</em>].</td>
</tr>
<tr>
<td><strong>TabIndex</strong> (inherited from WebControl)</td>
<td>Gets or sets the tab index of the Web server control.</td>
</tr>
<tr>
<td><strong>TemplateSourceDirectory</strong> (inherited from Control)</td>
<td>Gets the virtual directory of the <strong>Page</strong> or <strong>UserControl</strong> that contains the current server control.</td>
</tr>
<tr>
<td><strong>ToAddressTemplate</strong></td>
<td>Gets or sets the recipient email address column in the DataSource such as [<em>toAddress</em>]. Default value is [<em>Email</em>].</td>
</tr>
<tr>
<td><strong>ToolTip</strong> (inherited from WebControl)</td>
<td>Gets or sets the text displayed when the mouse pointer hovers over the Web server control.</td>
</tr>
<tr>
<td><strong>UniqueID</strong> (inherited from Control)</td>
<td>Gets the unique, hierarchically-qualified identifier for the server control.</td>
</tr>
<tr>
<td><strong>Username</strong></td>
<td>Gets or sets the username for SMTP server authentication.</td>
</tr>
<tr>
<td><strong>Visible</strong> (inherited from Control)</td>
<td>Gets or sets a value that indicates whether a server control is rendered as UI on the page.</td>
</tr>
<tr>
<td>Property</td>
<td>Description</td>
</tr>
<tr>
<td>----------</td>
<td>-------------</td>
</tr>
<tr>
<td><strong>Width</strong> (inherited from <code>WebControl</code>)</td>
<td>Gets or sets the width of the Web server control.</td>
</tr>
</tbody>
</table>

### Public Instance Methods

<table>
<thead>
<tr>
<th>Method</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>ApplyStyle</strong> (inherited from <code>WebControl</code>)</td>
<td>Copies any nonblank elements of the specified style to the Web control, overwriting any existing style elements of the control. This method is primarily used by control developers.</td>
</tr>
<tr>
<td><strong>CopyBaseAttributes</strong> (inherited from <code>WebControl</code>)</td>
<td>Copies the properties not encapsulated by the <code>Style</code> object from the specified Web server control to the Web server control that this method is called from. This method is used primarily by control developers.</td>
</tr>
<tr>
<td><strong>DataBind</strong> (inherited from <code>Control</code>)</td>
<td>Binds a data source to the invoked server control and all its child controls.</td>
</tr>
<tr>
<td><strong>Dispose</strong> (inherited from <code>Control</code>)</td>
<td>Enables a server control to perform final clean up before it is released from memory.</td>
</tr>
<tr>
<td><strong>Equals</strong> (inherited from <code>Object</code>)</td>
<td>Determines whether the specified <code>Object</code> is equal to the current <code>Object</code>.</td>
</tr>
<tr>
<td><strong>FindControl</strong> (inherited from <code>Control</code>)</td>
<td>Searches the current naming container for a server control with the specified <code>id</code> parameter.</td>
</tr>
<tr>
<td><strong>GetHashCode</strong> (inherited from <code>Object</code>)</td>
<td>Serves as a hash function for a particular type, suitable for use in hashing algorithms and data structures like a hash table.</td>
</tr>
<tr>
<td>Method</td>
<td>Description</td>
</tr>
<tr>
<td>---------------------------------------------</td>
<td>---------------------------------------------------------------------------------------------------------------------------------------------</td>
</tr>
<tr>
<td><strong>Get Type</strong> (inherited from Object)</td>
<td>Gets the <code>Type</code> of the current instance.</td>
</tr>
<tr>
<td><strong>HasControls</strong> (inherited from Control)</td>
<td>Determines if the server control contains any child controls.</td>
</tr>
<tr>
<td><strong>MergeStyle</strong> (inherited from WebControl)</td>
<td>Copies any nonblank elements of the specified style to the Web control, but will not overwrite any existing style elements of the control. This method is used primarily by control developers.</td>
</tr>
<tr>
<td><strong>RenderBeginTag</strong> (inherited from WebControl)</td>
<td>Renders the HTML opening tag of the control into the specified writer. This method is used primarily by control developers.</td>
</tr>
<tr>
<td><strong>RenderControl</strong> (inherited from Control)</td>
<td>Outputs server control content to a provided <code>HtmlTextWriter</code> object and stores tracing information about the control if tracing is enabled.</td>
</tr>
<tr>
<td><strong>RenderEndTag</strong> (inherited from WebControl)</td>
<td>Renders the HTML closing tag of the control into the specified writer. This method is used primarily by control developers.</td>
</tr>
<tr>
<td><strong>ResolveUrl</strong> (inherited from Control)</td>
<td>Converts a URL into one that is usable on the requesting client.</td>
</tr>
<tr>
<td><strong>SendMailMerge</strong></td>
<td>Overloaded. Sends the message template to the recipients by updating the merge fields wrapped as <code>[*fieldName*]</code> from the data table.</td>
</tr>
<tr>
<td><strong>SetRenderMethodDelegate</strong> (inherited from Control)</td>
<td></td>
</tr>
<tr>
<td><strong>ToString</strong> (inherited from Object)</td>
<td>Returns a <strong>String</strong> that represents the current <strong>Object</strong>.</td>
</tr>
<tr>
<td>------------------------------------</td>
<td>----------------------------------------------------------</td>
</tr>
</tbody>
</table>

### Public Instance Events

<table>
<thead>
<tr>
<th>Event Name (inherited from Control)</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>DataBinding</strong></td>
<td>Occurs when the server control binds to a data source.</td>
</tr>
<tr>
<td><strong>Disposed</strong></td>
<td>Occurs when a server control is released from memory, which is the last stage of the server control lifecycle when an ASP.NET page is requested.</td>
</tr>
<tr>
<td><strong>Init</strong></td>
<td>Occurs when the server control is initialized, which is the first step in its lifecycle.</td>
</tr>
<tr>
<td><strong>Load</strong></td>
<td>Occurs when the server control is loaded into the <strong>Page</strong> object.</td>
</tr>
<tr>
<td><strong>PreRender</strong></td>
<td>Occurs when the server control is about to render to its containing <strong>Page</strong> object.</td>
</tr>
<tr>
<td><strong>Unload</strong></td>
<td>Occurs when the server control is unloaded from memory.</td>
</tr>
</tbody>
</table>

### See Also

- [UltimateEmailMerge Class](#) | [Karamasoft.WebControls.UltimateEmail Namespace](#)
UltimateEmail Class Library
UltimateEmailMerge Constructor

Initializes a new instance of the UltimateEmailMerge class.

**Visual Basic**
```
Public Sub New()
```

**C#**
```
public UltimateEmailMerge();
```

See Also

UltimateEmailMerge Class | Karamasoft.WebControls.UltimateEmail Namespace

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UltimateEmail Class Library
The properties of the **UltimateEmailMerge** class are listed below. For a complete list of **UltimateEmailMerge** class members, see the **UltimateEmailMerge Members** topic.

### Public Instance Properties

<table>
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<th>Property</th>
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<tr>
<td><strong>AccessKey</strong> (inherited from WebControl)</td>
<td>Gets or sets the access key (underlined letter) that allows you to quickly navigate to the Web server control.</td>
</tr>
<tr>
<td><strong>Attributes</strong> (inherited from WebControl)</td>
<td>Gets the collection of arbitrary attributes (for rendering only) that do not correspond to properties on the control.</td>
</tr>
<tr>
<td><strong>BackColor</strong> (inherited from WebControl)</td>
<td>Gets or sets the background color of the Web server control.</td>
</tr>
<tr>
<td><strong>BatchInterval</strong></td>
<td>Gets or sets the duration between each send operation in milliseconds. Default value is 1000</td>
</tr>
<tr>
<td><strong>BatchSize</strong></td>
<td>Gets or sets the number of emails to send in each batch. Default value is 100.</td>
</tr>
<tr>
<td><strong>BccAddressTemplate</strong></td>
<td>Gets or sets the blind carbon-copy email address column in the DataSource such as [<em>bccAddress</em>].</td>
</tr>
<tr>
<td><strong>BindingContainer</strong> (inherited from Control)</td>
<td></td>
</tr>
<tr>
<td><strong>BodyTemplate</strong></td>
<td>Gets or sets the email subject template that may contain column names from the DataSource such as Dear</td>
</tr>
</tbody>
</table>
[*FirstName*] [*LastName*],

Thank you for your order.

<table>
<thead>
<tr>
<th>Property</th>
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<tbody>
<tr>
<td><code>BorderColor</code> (inherited from WebControl)</td>
<td>Gets or sets the border color of the Web control.</td>
</tr>
<tr>
<td><code>BorderStyle</code> (inherited from WebControl)</td>
<td>Gets or sets the border style of the Web server control.</td>
</tr>
<tr>
<td><code>BorderWidth</code> (inherited from WebControl)</td>
<td>Gets or sets the border width of the Web server control.</td>
</tr>
<tr>
<td><code>CcAddressTemplate</code></td>
<td>Gets or sets the carbon-copy email address column in the DataSource such as [<em>ccAddress</em>].</td>
</tr>
<tr>
<td><code>ClientID</code> (inherited from Control)</td>
<td>Gets the server control identifier generated by ASP.NET.</td>
</tr>
<tr>
<td><code>Controls</code> (inherited from Control)</td>
<td>Gets a <code>ControlCollection</code> object that represents the child controls for a specified server control in the UI hierarchy.</td>
</tr>
<tr>
<td><code>ControlStyle</code> (inherited from WebControl)</td>
<td>Gets the style of the Web server control. This property is used primarily by control developers.</td>
</tr>
<tr>
<td><code>ControlStyleCreated</code> (inherited from WebControl)</td>
<td>Gets a value indicating whether a <code>Style</code> object has been created for the <code>ControlStyle</code> property. This property is primarily used by control developers.</td>
</tr>
<tr>
<td><code>CssClass</code> (inherited from WebControl)</td>
<td>Gets or sets the Cascading Style Sheet (CSS) class rendered by the Web server control on the client.</td>
</tr>
<tr>
<td><code>DataMember</code></td>
<td>Gets or sets the DataTable used for binding when a DataSet is</td>
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<td>Property</td>
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<td>-------------------------------</td>
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</tr>
<tr>
<td><strong>DataSource</strong></td>
<td>Gets or sets the data source that contains the email delivery and content information.</td>
</tr>
<tr>
<td><strong>Enabled</strong> (inherited from WebControl)</td>
<td>Gets or sets a value indicating whether the Web server control is enabled.</td>
</tr>
<tr>
<td><strong>EnableViewState</strong> (inherited from Control)</td>
<td>Gets or sets a value indicating whether the server control persists its view state, and the view state of any child controls it contains, to the requesting client.</td>
</tr>
<tr>
<td><strong>FieldPrefix</strong></td>
<td>Gets or sets the prefix at the head of each column name used as a merge field. Default value is [*].</td>
</tr>
<tr>
<td><strong>FieldSuffix</strong></td>
<td>Gets or sets the suffix at the end of each column name used as a merge field. Default value is *].</td>
</tr>
<tr>
<td><strong>Font</strong> (inherited from WebControl)</td>
<td>Gets the font properties associated with the Web server control.</td>
</tr>
<tr>
<td><strong>ForeColor</strong> (inherited from WebControl)</td>
<td>Gets or sets the foreground color (typically the color of the text) of the Web server control.</td>
</tr>
<tr>
<td><strong>FromAddressTemplate</strong></td>
<td>Gets or sets the email address of the sender.</td>
</tr>
<tr>
<td><strong>FromDisplayNameTemplate</strong></td>
<td>Gets or sets the name of the sender displayed on the recipient email tool.</td>
</tr>
<tr>
<td>Property</td>
<td>Description</td>
</tr>
<tr>
<td>-------------------</td>
<td>---------------------------------------------------------------------------------------------------------------------------------------------</td>
</tr>
<tr>
<td><strong>Height</strong> (inherited from WebControl)</td>
<td>Gets or sets the height of the Web server control.</td>
</tr>
<tr>
<td><strong>Host</strong></td>
<td>Gets or sets the name or IP address of the SMTP server.</td>
</tr>
<tr>
<td><strong>ID</strong> (inherited from Control)</td>
<td>Gets or sets the programmatic identifier assigned to the server control.</td>
</tr>
<tr>
<td><strong>IsBodyHtml</strong></td>
<td>Gets or sets a value to indicate whether mail message body is in Html. Default value is <code>false</code>.</td>
</tr>
<tr>
<td><strong>NamingContainer</strong> (inherited from Control)</td>
<td>Gets a reference to the server control's naming container, which creates a unique namespace for differentiating between server controls with the same <strong>ID</strong> property value.</td>
</tr>
<tr>
<td><strong>Page</strong> (inherited from Control)</td>
<td>Gets a reference to the <strong>Page</strong> instance that contains the server control.</td>
</tr>
<tr>
<td><strong>Parent</strong> (inherited from Control)</td>
<td>Gets a reference to the server control's parent control in the page control hierarchy.</td>
</tr>
<tr>
<td><strong>Password</strong></td>
<td>Gets or sets the password for SMTP server authentication.</td>
</tr>
<tr>
<td><strong>Port</strong></td>
<td>Gets or sets the port used for SMTP transactions.</td>
</tr>
<tr>
<td><strong>ReplyToAddressTemplate</strong></td>
<td>Gets or sets the email address to reply to.</td>
</tr>
<tr>
<td><strong>Site</strong> (inherited from Control)</td>
<td>Gets information about the Web site to which the server control belongs.</td>
</tr>
<tr>
<td><strong>Style</strong> (inherited from ...)</td>
<td>Gets a collection of text</td>
</tr>
<tr>
<td><strong>WebControl</strong></td>
<td>attributes that will be rendered as a style attribute on the outer tag of the Web server control.</td>
</tr>
<tr>
<td>----------------</td>
<td>-------------------------------------------------------------------------------------------------</td>
</tr>
<tr>
<td><strong>SubjectTemplate</strong></td>
<td>Gets or sets the email subject template that may contain column names from the DataSource such as <strong>Order Confirmation</strong> [<em>OrderNumber</em>].</td>
</tr>
<tr>
<td><strong>TabIndex</strong> (inherited from <strong>WebControl</strong>)</td>
<td>Gets or sets the tab index of the Web server control.</td>
</tr>
<tr>
<td><strong>TemplateSourceDirectory</strong> (inherited from <strong>Control</strong>)</td>
<td>Gets the virtual directory of the <strong>Page</strong> or <strong>UserControl</strong> that contains the current server control.</td>
</tr>
<tr>
<td><strong>ToAddressTemplate</strong></td>
<td>Gets or sets the recipient email address column in the DataSource such as [<em>toAddress</em>]. Default value is [<em>Email</em>].</td>
</tr>
<tr>
<td><strong>ToolTip</strong> (inherited from <strong>WebControl</strong>)</td>
<td>Gets or sets the text displayed when the mouse pointer hovers over the Web server control.</td>
</tr>
<tr>
<td><strong>UniqueID</strong> (inherited from <strong>Control</strong>)</td>
<td>Gets the unique, hierarchically-qualified identifier for the server control.</td>
</tr>
<tr>
<td><strong>Username</strong></td>
<td>Gets or sets the username for SMTP server authentication.</td>
</tr>
<tr>
<td><strong>Visible</strong> (inherited from <strong>Control</strong>)</td>
<td>Gets or sets a value that indicates whether a server control is rendered as UI on the page.</td>
</tr>
<tr>
<td><strong>Width</strong> (inherited from <strong>Control</strong>)</td>
<td>Gets or sets the width of the</td>
</tr>
</tbody>
</table>
WebControl) | Web server control.

See Also

UltimateEmailMerge Class | Karamasoft.WebControls.UltimateEmail Namespace

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UltimateEmailMerge.BatchInterval Property

Gets or sets the duration between each send operation in milliseconds. Default value is **1000**

[Visual Basic]
Public Property BatchInterval As Integer

[C#]
public int BatchInterval {get; set;}

Property Value
Duration between each send operation in milliseconds.

See Also
UltimateEmailMerge Class | Karamasoft.WebControls.UltimateEmail Namespace

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**UltimateEmailMerge.BatchSize Property**

Gets or sets the number of emails to send in each batch. Default value is **100**.

**[Visual Basic]**

```vbnet
Public Property BatchSize As Integer
```

**[C#]**

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

**Property Value**

Number of emails to send in each batch.

**See Also**

[UltimateEmailMerge Class](#) | [Karamasoft.WebControls.UltimateEmail Namespace](#)
UltimateEmail Class Library
UltimateEmailMerge.BccAddressTemplate Property

 Gets or sets the blind carbon-copy email address column in the DataSource such as [*bccAddress*].

[Visual Basic]
Public Property BccAddressTemplate As String

[C#]
public string BccAddressTemplate {get; set;}

Property Value

Blind carbon-copy email address column in the DataSource such as [*bccAddress*].

See Also

UltimateEmailMerge Class | Karamasoft.WebControls.UltimateEmail Namespace

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UltimateEmail Class Library
**UltimateEmailMerge.BodyTemplate Property**

Gets or sets the email subject template that may contain column names from the DataSource such as Dear [*FirstName*] [*LastName*], Thank you for your order..

**[Visual Basic]**

```vbnet
Public Property BodyTemplate As String
```

**[C#]**

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

**Property Value**

Email subject template that may contain column names from the DataSource such as Dear [*FirstName*] [*LastName*], Thank you for your order..

**See Also**

[UltimateEmailMerge Class](#) | [Karamasoft.WebControls.UltimateEmail Namespace](#)

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UltimateEmail Class Library
UltimateEmailMerge.CcAddressTemplate Property

Gets or sets the carbon-copy email address column in the DataSource such as [*ccAddress*].

[Visual Basic]
Public Property CcAddressTemplate As String

[C#]
public string CcAddressTemplate {get; set;}

Property Value

Carbon-copy email address column in the DataSource such as [*ccAddress*].

See Also

UltimateEmailMerge Class | Karamasoft.WebControls.UltimateEmail Namespace

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UltimateEmail Class Library
UltimateEmailMerge.DataMember Property

Gets or sets the DataTable used for binding when a DataSet is used as the DataSource.

[Visual Basic]
Public PropertyDataMember As String

[C#]
public stringDataMember {get; set;}

Property Value

The DataTable used for binding when a DataSet is used as the DataSource.

See Also

UltimateEmailMerge Class | Karamasoft.WebControls.UltimateEmail Namespace

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UltimateEmail Class Library
UltimateEmailMerge.DataSource Property

Gets or sets the data source that contains the email delivery and content information.

[Visual Basic]
Public Property DataSource As Object

[C#]
public object DataSource {get; set;}

Property Value

The data source that contains the email delivery and content information.

Remarks

Data source can be set to almost any type that contains data. You can set it to any type of object such as a DataSet, DataTable, DataView, DataReader, Collection, ArrayList, Array, XmlDocument, or a string in which To email addresses are delimited by comma or semicolon.

See Also

UltimateEmailMerge Class | Karamasoft.WebControls.UltimateEmail Namespace

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UltimateEmail Class Library
UltimateEmailMerge.FieldPrefix Property

Gets or sets the prefix at the head of each column name used as a merge field. Default value is [*

[Visual Basic]
Public Property FieldPrefix As String

[C#]
public string FieldPrefix {get; set;}

Property Value
 Prefix at the head of each column name used as a merge field.

See Also
UltimateEmailMerge Class | Karamasoft.WebControls.UltimateEmail Namespace

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UltimateEmail Class Library
UltimateEmailMerge.FieldSuffix Property

Gets or sets the suffix at the end of each column name used as a merge field. Default value is *

[Visual Basic]
Public Property FieldSuffix As String

[C#]
public string FieldSuffix {get; set;}

Property Value

Suffix at the end of each column name used as a merge field.

See Also

UltimateEmailMerge Class | Karamasoft.WebControls.UltimateEmail Namespace

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UltimateEmail Class Library
UltimateEmailMerge.FromAddressTemplate Property

Gets or sets the email address of the sender.

[Visual Basic]
Public Property FromAddressTemplate As String

[C#]
public string FromAddressTemplate {get; set;}

Property Value

Email address of the sender.

See Also

UltimateEmailMerge Class | Karamasoft.WebControls.UltimateEmail Namespace
UltimateEmail Class Library
**UltimateEmailMerge.FromDisplayNameTemplate Property**

Gets or sets the name of the sender displayed on the recipient email tool.

```vbnet
Public Property FromDisplayNameTemplate As String
```

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

**Property Value**

Name of the sender displayed on the recipient email tool.

**See Also**

[UltimateEmailMerge Class](#) | [Karamasoft.WebControls.UltimateEmail Namespace](#)
UltimateEmailMerge.Host Property

Gets or sets the name or IP address of the SMTP server.

[Visual Basic]
Public Property Host As String

[C#]
public string Host {get; set;}

Property Value

Name or IP address of the SMTP server.

See Also

UltimateEmailMerge Class | Karamasoft.WebControls.UltimateEmail Namespace

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UltimateEmail Class Library
Gets or sets a value to indicate whether mail message body is in Html. Default value is false.

**[Visual Basic]**

Public Property IsBodyHtml As Boolean

**[C#]**

public bool IsBodyHtml {get; set;}

**Property Value**

Value to indicate whether mail message body is in Html.

**See Also**

UltimateEmailMerge Class | Karamasoft.WebControls.UltimateEmail Namespace

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UltimateEmail Class Library
UltimateEmailMerge.Password Property

Gets or sets the password for SMTP server authentication.

[Visual Basic]
Public Property Password As String

[C#]
public string Password {get; set;}

Property Value

Password for SMTP server authentication.

See Also

UltimateEmailMerge Class | Karamasoft.WebControls.UltimateEmail Namespace

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UltimateEmail Class Library
**UltimateEmailMerge.Port Property**

Gets or sets the port used for SMTP transactions.

**[Visual Basic]**

```vbnet
Public Property Port As Integer
```

**[C#]**

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

**Property Value**

Port used for SMTP transactions.

**See Also**

UltimateEmailMerge Class | Karamasoft.WebControls.UltimateEmail Namespace

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UltimateEmail Class Library
UltimateEmailMerge.ReplyToAddressTemplate Property

Gets or sets the email address to reply to.

[Visual Basic]
Public Property ReplyToAddressTemplate As String

[C#]
public string ReplyToAddressTemplate {get; set;}

Property Value

Email address to reply to.

See Also

UltimateEmailMerge Class | Karamasoft.WebControls.UltimateEmail Namespace
UltimateEmail Class Library
UltimateEmailMerge.SubjectTemplate Property

Gets or sets the email subject template that may contain column names from the DataSource such as **Order Confirmation [*OrderNumber*]**.

[Visual Basic]
Public Property SubjectTemplate As String

[C#]
public string SubjectTemplate {get; set;}

Property Value

Email subject template that may contain column names from the DataSource such as **Order Confirmation [*OrderNumber*]**.

See Also

UltimateEmailMerge Class | Karamasoft.WebControls.UltimateEmail Namespace

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Gets or sets the recipient email address column in the DataSource such as [*toAddress*]. Default value is [*Email*].

```
[Visual Basic]
Public Property ToAddressTemplate As String

[C#]
public string ToAddressTemplate {get; set;}
```

**Property Value**

Recipient email address column in the DataSource such as [*toAddress*].

**See Also**

UltimateEmailMerge Class | Karamasoft.WebControls.UltimateEmail Namespace

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UltimateEmail Class Library
Gets or sets the username for SMTP server authentication.

[Visual Basic]
Public Property Username As String

[C#]
public string Username {get; set;}

Property Value
Username for SMTP server authentication.

See Also
UltimateEmailMerge Class | Karamasoft.WebControls.UltimateEmail Namespace
UltimateEmail Class Library
The methods of the **UltimateEmailMerge** class are listed below. For a complete list of **UltimateEmailMerge** class members, see the **UltimateEmailMerge Members** topic.

### Public Instance Methods

<table>
<thead>
<tr>
<th>Method</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>ApplyStyle</strong></td>
<td>Copies any nonblank elements of the specified style to the Web control, overwriting any existing style elements of the control. This method is primarily used by control developers.</td>
</tr>
<tr>
<td><strong>CopyBaseAttributes</strong></td>
<td>Copies the properties not encapsulated by the <strong>Style</strong> object from the specified Web server control to the Web server control that this method is called from. This method is used primarily by control developers.</td>
</tr>
<tr>
<td><strong>DataBind</strong></td>
<td>Binds a data source to the invoked server control and all its child controls.</td>
</tr>
<tr>
<td><strong>Dispose</strong></td>
<td>Enables a server control to perform final clean up before it is released from memory.</td>
</tr>
<tr>
<td><strong>Equals</strong></td>
<td>Determines whether the specified <strong>Object</strong> is equal to the current <strong>Object</strong>.</td>
</tr>
<tr>
<td><strong>FindControl</strong></td>
<td>Searches the current naming container for a server control with the specified <em>id</em> parameter.</td>
</tr>
<tr>
<td><strong>GetHashCode</strong></td>
<td>Serves as a hash function for a particular type, suitable for use</td>
</tr>
</tbody>
</table>
in hashing algorithms and data structures like a hash table.

<table>
<thead>
<tr>
<th>Method</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>GetType</strong> (inherited from Object)</td>
<td>Gets the Type of the current instance.</td>
</tr>
<tr>
<td><strong>HasControls</strong> (inherited from Control)</td>
<td>Determines if the server control contains any child controls.</td>
</tr>
<tr>
<td><strong>MergeStyle</strong> (inherited from WebControl)</td>
<td>Copies any nonblank elements of the specified style to the Web control, but will not overwrite any existing style elements of the control. This method is used primarily by control developers.</td>
</tr>
<tr>
<td><strong>RenderBeginTag</strong> (inherited from WebControl)</td>
<td>Renders the HTML opening tag of the control into the specified writer. This method is used primarily by control developers.</td>
</tr>
<tr>
<td><strong>RenderControl</strong> (inherited from Control)</td>
<td>Outputs server control content to a provided HtmlTextWriter object and stores tracing information about the control if tracing is enabled.</td>
</tr>
<tr>
<td><strong>RenderEndTag</strong> (inherited from WebControl)</td>
<td>Renders the HTML closing tag of the control into the specified writer. This method is used primarily by control developers.</td>
</tr>
<tr>
<td><strong>ResolveUrl</strong> (inherited from Control)</td>
<td>Converts a URL into one that is usable on the requesting client.</td>
</tr>
<tr>
<td><strong>SendMailMerge</strong></td>
<td>Overloaded. Sends the message template to the recipients by updating the merge fields wrapped as [<em>fieldName</em>] from the data table.</td>
</tr>
</tbody>
</table>
| **SetRenderMethodDelegate**  
| (inherited from **Control**) |
| **ToString**  
| (inherited from **Object**) |
| Returns a **String** that represents the current **Object**. |

**See Also**

[UltimateEmailMerge Class](#) | [Karamasoft.WebControls.UltimateEmail Namespace](#)  
--- | ---

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UltimateEmail Class Library
## UltimateEmailMerge.SendMailMerge Method

Sends the message template to the recipients by updating the merge fields wrapped as [*fieldName*] from the data table.

### Overload List

Sends the message template to the recipients by updating the merge fields wrapped as [*fieldName*] from the data table.

```csharp
public void SendMailMerge();
```

Sends the message template to the recipients by updating the merge fields wrapped as [*fieldName*] from the data table.

```csharp
public void SendMailMerge(MailMerge, MailMessage);
```

### See Also

UltimateEmailMerge Class | Karamasoft.WebControls.UltimateEmail Namespace

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UltimateEmail Class Library
UltimateEmailMerge.SendMailMerge Method ()

Sends the message template to the recipients by updating the merge fields wrapped as [*fieldName*] from the data table.

**[Visual Basic]**

Overloads Public Sub SendMailMerge()

**[C#]**

public void SendMailMerge();

See Also

UltimateEmailMerge Class | Karamasoft.WebControls.UltimateEmail Namespace | UltimateEmailMerge.SendMailMerge Overload List

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UltimateEmail Class Library
UltimateEmailMerge.SendMailMerge Method (MailMerge, MailMessage)

Sends the message template to the recipients by updating the merge fields wrapped as [*fieldName*] from the data table.

[Visual Basic]
Overloads Public Sub SendMailMerge( _
    ByVal mailMerge As MailMerge, _
    ByVal mailMessage As MailMessage _
)

[C#]
public void SendMailMerge(
    MailMerge mailMerge,
    MailMessage mailMessage
);
UltimateEmail Class Library
UltimateEmailValidator Class

UltimateEmailValidator is an ASP.NET control that allows the user to validate an email address.

For a list of all members of this type, see UltimateEmailValidator Members.

System.Object  System.Web.UI.Control
               System.Web.UI.WebControls.WebControl
               System.Web.UI.WebControls.Label
               System.Web.UI.WebControls.BaseValidator
               Karamasoft.WebControls.UltimateEmail.UltimateEmailValidator

[Visual Basic]
Public Class UltimateEmailValidator
    Inherits BaseValidator

[C#]
public class UltimateEmailValidator : BaseValidator

Thread Safety

Public static (Shared in Visual Basic) members of this type are safe for multithreaded operations. Instance members are not guaranteed to be thread-safe.

Requirements

Namespace: Karamasoft.WebControls.UltimateEmail
Assembly: UltimateEmail (in UltimateEmail.dll)

See Also

UltimateEmailValidator Members | Karamasoft.WebControls.UltimateEmail Namespace
UltimateEmail Class Library
### UltimateEmailValidator Members

#### Public Instance Constructors

<table>
<thead>
<tr>
<th>Constructor</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>UltimateEmailValidator Constructor</td>
<td>Instantiate a new class.</td>
</tr>
</tbody>
</table>

#### Public Instance Properties

<table>
<thead>
<tr>
<th>Property</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>AccessKey (inherited from WebControl)</td>
<td>Gets or sets the access key (underlined letter) that allows you to quickly navigate to the Web server control.</td>
</tr>
<tr>
<td>AllowNull</td>
<td>Gets or sets a value that indicates whether the email address can be null.</td>
</tr>
<tr>
<td>AssociatedControlID (inherited from BaseValidator)</td>
<td></td>
</tr>
<tr>
<td>Attributes (inherited from WebControl)</td>
<td>Gets the collection of arbitrary attributes (for rendering only) that do not correspond to properties on the control.</td>
</tr>
<tr>
<td>BackColor (inherited from WebControl)</td>
<td>Gets or sets the background color of the Web server control.</td>
</tr>
<tr>
<td>BindingContainer (inherited from Control)</td>
<td></td>
</tr>
<tr>
<td>BorderColor (inherited from WebControl)</td>
<td>Gets or sets the border color of the Web control.</td>
</tr>
<tr>
<td>BorderStyle (inherited from WebControl)</td>
<td>Gets or sets the border style of the Web server control.</td>
</tr>
<tr>
<td>BorderRadius (inherited from WebControl)</td>
<td>Gets or sets the border width of the Web server control.</td>
</tr>
<tr>
<td>Property</td>
<td>Description</td>
</tr>
<tr>
<td>------------------------</td>
<td>---------------------------------------------------------------------------------------------------------------------------------------------</td>
</tr>
<tr>
<td><strong>ClientID</strong> (inherited from Control)</td>
<td>Gets the server control identifier generated by ASP.NET.</td>
</tr>
<tr>
<td><strong>Controls</strong> (inherited from Control)</td>
<td>Gets a <strong>ControlCollection</strong> object that represents the child controls for a specified server control in the UI hierarchy.</td>
</tr>
<tr>
<td><strong>ControlStyle</strong> (inherited from WebControl)</td>
<td>Gets the style of the Web server control. This property is used primarily by control developers.</td>
</tr>
<tr>
<td><strong>ControlStyleCreated</strong> (inherited from WebControl)</td>
<td>Gets a value indicating whether a <strong>Style</strong> object has been created for the <strong>ControlStyle</strong> property. This property is primarily used by control developers.</td>
</tr>
<tr>
<td><strong>ControlToValidate</strong> (inherited from BaseValidator)</td>
<td>Gets or sets the input control to validate.</td>
</tr>
<tr>
<td><strong>CssClass</strong> (inherited from WebControl)</td>
<td>Gets or sets the Cascading Style Sheet (CSS) class rendered by the Web server control on the client.</td>
</tr>
<tr>
<td><strong>Display</strong> (inherited from BaseValidator)</td>
<td>Gets or sets the display behavior of the error message in a validation control.</td>
</tr>
<tr>
<td><strong>EnableClientScript</strong> (inherited from BaseValidator)</td>
<td>Gets or sets a value indicating whether client-side validation is enabled.</td>
</tr>
<tr>
<td><strong>Enabled</strong> (inherited from BaseValidator)</td>
<td>Gets or sets a value that indicates whether the validation control is enabled.</td>
</tr>
<tr>
<td><strong>EnableViewState</strong> (inherited from Control)</td>
<td>Gets or sets a value indicating whether the server control persists its view state, and the view state of any child controls it maintains.</td>
</tr>
<tr>
<td>Property</td>
<td>Description</td>
</tr>
<tr>
<td>---------------------------------</td>
<td>-----------------------------------------------------------------------------</td>
</tr>
<tr>
<td>ErrorMessage</td>
<td>Gets or sets the text for the error message.</td>
</tr>
<tr>
<td>Font</td>
<td>Gets the font properties associated with the Web server control.</td>
</tr>
<tr>
<td>ForeColor</td>
<td>Gets or sets the color of the message displayed when validation fails.</td>
</tr>
<tr>
<td>Height</td>
<td>Gets or sets the height of the Web server control.</td>
</tr>
<tr>
<td>ID</td>
<td>Gets or sets the programmatic identifier assigned to the server control.</td>
</tr>
<tr>
<td>IsValid</td>
<td>Gets or sets a value that indicates whether the associated input control passes validation.</td>
</tr>
<tr>
<td>MaxValidationLevel</td>
<td>Gets or sets the maximum validation level to check.</td>
</tr>
<tr>
<td>NamingContainer</td>
<td>Gets a reference to the server control's naming container, which creates a unique namespace for differentiating between server controls with the same ID property value.</td>
</tr>
<tr>
<td>Page</td>
<td>Gets a reference to the Page instance that contains the server control.</td>
</tr>
<tr>
<td>Parent</td>
<td>Gets a reference to the server control's parent control in the</td>
</tr>
<tr>
<td>Property</td>
<td>Description</td>
</tr>
<tr>
<td>----------</td>
<td>-------------</td>
</tr>
<tr>
<td>Site (inherited from Control)</td>
<td>Gets information about the Web site to which the server control belongs.</td>
</tr>
<tr>
<td>Style (inherited from WebControl)</td>
<td>Gets a collection of text attributes that will be rendered as a style attribute on the outer tag of the Web server control.</td>
</tr>
<tr>
<td>TabIndex (inherited from WebControl)</td>
<td>Gets or sets the tab index of the Web server control.</td>
</tr>
<tr>
<td>TemplateSourceDirectory (inherited from Control)</td>
<td>Gets the virtual directory of the Page or UserControl that contains the current server control.</td>
</tr>
<tr>
<td>Text (inherited from Label)</td>
<td>Gets or sets the text content of the Label control.</td>
</tr>
<tr>
<td>TimeoutExpired</td>
<td>Gets whether the time-out has expired before validation successfully completed.</td>
</tr>
<tr>
<td>ToolTip (inherited from WebControl)</td>
<td>Gets or sets the text displayed when the mouse pointer hovers over the Web server control.</td>
</tr>
<tr>
<td>UniqueID (inherited from Control)</td>
<td>Gets the unique, hierarchically-qualified identifier for the server control.</td>
</tr>
<tr>
<td>ValidationExpression</td>
<td>Gets or sets the regular expression to check the syntax of email address.</td>
</tr>
<tr>
<td>ValidationTimeout</td>
<td>Gets or sets the time-out value in milliseconds to complete validation.</td>
</tr>
<tr>
<td>Visible (inherited from</td>
<td>Gets or sets a value that</td>
</tr>
</tbody>
</table>
## Control

<table>
<thead>
<tr>
<th>Field</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Width</strong> (inherited from WebControl)</td>
<td>Gets or sets the width of the Web server control.</td>
</tr>
</tbody>
</table>

### Public Instance Methods

<table>
<thead>
<tr>
<th>Method</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>ApplyStyle</strong> (inherited from WebControl)</td>
<td>Copies any nonblank elements of the specified style to the Web control, overwriting any existing style elements of the control. This method is primarily used by control developers.</td>
</tr>
<tr>
<td><strong>CopyBaseAttributes</strong> (inherited from WebControl)</td>
<td>Copies the properties not encapsulated by the <strong>Style</strong> object from the specified Web server control to the Web server control that this method is called from. This method is used primarily by control developers.</td>
</tr>
<tr>
<td><strong>DataBind</strong> (inherited from Control)</td>
<td>Binds a data source to the invoked server control and all its child controls.</td>
</tr>
<tr>
<td><strong>Dispose</strong> (inherited from Control)</td>
<td>Enables a server control to perform final clean up before it is released from memory.</td>
</tr>
<tr>
<td><strong>Equals</strong> (inherited from Object)</td>
<td>Determines whether the specified <strong>Object</strong> is equal to the current <strong>Object</strong>.</td>
</tr>
<tr>
<td><strong>FindControl</strong> (inherited from Control)</td>
<td>Searches the current naming container for a server control with the specified id parameter.</td>
</tr>
<tr>
<td><strong>GetHashCode</strong> (inherited from Object)</td>
<td>Serves as a hash function for a</td>
</tr>
<tr>
<td>Method</td>
<td>Description</td>
</tr>
<tr>
<td>--------</td>
<td>-------------</td>
</tr>
<tr>
<td><strong>Object)</strong></td>
<td>particular type, suitable for use in hashing algorithms and data structures like a hash table.</td>
</tr>
<tr>
<td><strong>GetType</strong> (inherited from Object)**</td>
<td>Gets the <strong>Type</strong> of the current instance.</td>
</tr>
<tr>
<td><strong>HasControls</strong> (inherited from Control)**</td>
<td>Determines if the server control contains any child controls.</td>
</tr>
<tr>
<td><strong>MergeStyle</strong> (inherited from WebControl)**</td>
<td>Copies any nonblank elements of the specified style to the Web control, but will not overwrite any existing style elements of the control. This method is used primarily by control developers.</td>
</tr>
<tr>
<td><strong>RenderBeginTag</strong> (inherited from WebControl)**</td>
<td>Renders the HTML opening tag of the control into the specified writer. This method is used primarily by control developers.</td>
</tr>
<tr>
<td><strong>RenderControl</strong> (inherited from Control)**</td>
<td>Outputs server control content to a provided <strong>HtmlTextWriter</strong> object and stores tracing information about the control if tracing is enabled.</td>
</tr>
<tr>
<td><strong>RenderEndTag</strong> (inherited from WebControl)**</td>
<td>Renders the HTML closing tag of the control into the specified writer. This method is used primarily by control developers.</td>
</tr>
<tr>
<td><strong>ResolveUrl</strong> (inherited from Control)**</td>
<td>Converts a URL into one that is usable on the requesting client.</td>
</tr>
<tr>
<td><strong>SetRenderMethodDelegate</strong> (inherited from Control)**</td>
<td></td>
</tr>
<tr>
<td><strong>ToString</strong> (inherited from Object)**</td>
<td>Returns a <strong>String</strong> that represents the current <strong>Object</strong>.</td>
</tr>
</tbody>
</table>
**Validate** (inherited from BaseValidator) | Performs validation on the associated input control and updates the **IsValid** property.

### Public Instance Events

<table>
<thead>
<tr>
<th>Event</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>DataBinding</strong> (inherited from Control)</td>
<td>Occurs when the server control binds to a data source.</td>
</tr>
<tr>
<td><strong>Disposed</strong> (inherited from Control)</td>
<td>Occurs when a server control is released from memory, which is the last stage of the server control lifecycle when an ASP.NET page is requested.</td>
</tr>
<tr>
<td><strong>Init</strong> (inherited from Control)</td>
<td>Occurs when the server control is initialized, which is the first step in the its lifecycle.</td>
</tr>
<tr>
<td><strong>Load</strong> (inherited from Control)</td>
<td>Occurs when the server control is loaded into the <strong>Page</strong> object.</td>
</tr>
<tr>
<td><strong>PreRender</strong> (inherited from Control)</td>
<td>Occurs when the server control is about to render to its containing <strong>Page</strong> object.</td>
</tr>
<tr>
<td><strong>Unload</strong> (inherited from Control)</td>
<td>Occurs when the server control is unloaded from memory.</td>
</tr>
</tbody>
</table>

### See Also

[UltimateEmailValidator Class](#) | [Karamasoft.WebControls.UltimateEmail Namespace](#)

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UltimateEmail Class Library
UltimateEmailValidator Constructor

Instantiate a new class.

[Visual Basic] Public Sub New()

[C#]
public UltimateEmailValidator();

See Also

UltimateEmailValidator Class | Karamasoft.WebControls.UltimateEmail Namespace

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UltimateEmail Class Library
The properties of the **UltimateEmailValidator** class are listed below. For a complete list of **UltimateEmailValidator** class members, see the [UltimateEmailValidator Members](#) topic.

## Public Instance Properties

<table>
<thead>
<tr>
<th>Property</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>AccessKey</strong> (inherited from WebControl)</td>
<td>Gets or sets the access key (underlined letter) that allows you to quickly navigate to the Web server control.</td>
</tr>
<tr>
<td><strong>AllowNull</strong></td>
<td>Gets or sets a value that indicates whether the email address can be null.</td>
</tr>
<tr>
<td><strong>AssociatedControlID</strong> (inherited from BaseValidator)</td>
<td></td>
</tr>
<tr>
<td><strong>Attributes</strong> (inherited from WebControl)</td>
<td>Gets the collection of arbitrary attributes (for rendering only) that do not correspond to properties on the control.</td>
</tr>
<tr>
<td><strong>BackColor</strong> (inherited from WebControl)</td>
<td>Gets or sets the background color of the Web server control.</td>
</tr>
<tr>
<td><strong>BindingContainer</strong> (inherited from Control)</td>
<td></td>
</tr>
<tr>
<td><strong>BorderColor</strong> (inherited from WebControl)</td>
<td>Gets or sets the border color of the Web control.</td>
</tr>
<tr>
<td><strong>BorderStyle</strong> (inherited from WebControl)</td>
<td>Gets or sets the border style of the Web server control.</td>
</tr>
<tr>
<td><strong>BorderWidth</strong> (inherited from WebControl)</td>
<td>Gets or sets the border width of the Web server control.</td>
</tr>
<tr>
<td><strong>ClientID</strong> (inherited from Control)</td>
<td>Gets the server control identifier generated by ASP.NET.</td>
</tr>
<tr>
<td><strong>Property</strong></td>
<td>Description</td>
</tr>
<tr>
<td>--------------------------------------------------</td>
<td>-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------</td>
</tr>
<tr>
<td><strong>Controls</strong> (inherited from Control)</td>
<td>Gets a <strong>ControlCollection</strong> object that represents the child controls for a specified server control in the UI hierarchy.</td>
</tr>
<tr>
<td><strong>ControlStyle</strong> (inherited from WebControl)</td>
<td>Gets the style of the Web server control. This property is used primarily by control developers.</td>
</tr>
<tr>
<td><strong>ControlStyleCreated</strong> (inherited from WebControl)</td>
<td>Gets a value indicating whether a <strong>Style</strong> object has been created for the <strong>ControlStyle</strong> property. This property is primarily used by control developers.</td>
</tr>
<tr>
<td><strong>ControlToValidate</strong> (inherited from BaseValidator)</td>
<td>Gets or sets the input control to validate.</td>
</tr>
<tr>
<td><strong>CssClass</strong> (inherited from WebControl)</td>
<td>Gets or sets the Cascading Style Sheet (CSS) class rendered by the Web server control on the client.</td>
</tr>
<tr>
<td><strong>Display</strong> (inherited from BaseValidator)</td>
<td>Gets or sets the display behavior of the error message in a validation control.</td>
</tr>
<tr>
<td><strong>EnableClientScript</strong> (inherited from BaseValidator)</td>
<td>Gets or sets a value indicating whether client-side validation is enabled.</td>
</tr>
<tr>
<td><strong>Enabled</strong> (inherited from BaseValidator)</td>
<td>Gets or sets a value that indicates whether the validation control is enabled.</td>
</tr>
<tr>
<td><strong>EnableViewState</strong> (inherited from Control)</td>
<td>Gets or sets a value indicating whether the server control persists its view state, and the view state of any child controls it contains, to the requesting client.</td>
</tr>
<tr>
<td>Property</td>
<td>Description</td>
</tr>
<tr>
<td>---------------------</td>
<td>-----------------------------------------------------------------------------</td>
</tr>
<tr>
<td>ErrorMessage</td>
<td>Gets or sets the text for the error message.</td>
</tr>
<tr>
<td>Font</td>
<td>Gets the font properties associated with the Web server control.</td>
</tr>
<tr>
<td>ForeColor</td>
<td>Gets or sets the color of the message displayed when validation fails.</td>
</tr>
<tr>
<td>Height</td>
<td>Gets or sets the height of the Web server control.</td>
</tr>
<tr>
<td>ID</td>
<td>Gets or sets the programmatic identifier assigned to the server control.</td>
</tr>
<tr>
<td>IsValid</td>
<td>Gets or sets a value that indicates whether the associated input control passes validation.</td>
</tr>
<tr>
<td>MaxValidationLevel</td>
<td>Gets or sets the maximum validation level to check.</td>
</tr>
<tr>
<td>NamingContainer</td>
<td>Gets a reference to the server control's naming container, which creates a unique namespace for differentiating between server controls with the same ID property value.</td>
</tr>
<tr>
<td>Page</td>
<td>Gets a reference to the Page instance that contains the server control.</td>
</tr>
<tr>
<td>Parent</td>
<td>Gets a reference to the server control's parent control in the page control hierarchy.</td>
</tr>
<tr>
<td>Site</td>
<td>Gets information about the Web site.</td>
</tr>
<tr>
<td>Property</td>
<td>Description</td>
</tr>
<tr>
<td>-------------------------------</td>
<td>---------------------------------------------------------------------------------------------------------------------------------------------</td>
</tr>
<tr>
<td><strong>Style</strong> (inherited from WebControl)</td>
<td>Gets a collection of text attributes that will be rendered as a style attribute on the outer tag of the Web server control.</td>
</tr>
<tr>
<td><strong>TabIndex</strong> (inherited from WebControl)</td>
<td>Gets or sets the tab index of the Web server control.</td>
</tr>
<tr>
<td><strong>TemplateSourceDirectory</strong> (inherited from Control)</td>
<td>Gets the virtual directory of the Page or UserControl that contains the current server control.</td>
</tr>
<tr>
<td><strong>Text</strong> (inherited from Label)</td>
<td>Gets or sets the text content of the Label control.</td>
</tr>
<tr>
<td><strong>TimeoutExpired</strong></td>
<td>Gets whether the time-out has expired before validation successfully completed.</td>
</tr>
<tr>
<td><strong>ToolTip</strong> (inherited from WebControl)</td>
<td>Gets or sets the text displayed when the mouse pointer hovers over the Web server control.</td>
</tr>
<tr>
<td><strong>UniqueID</strong> (inherited from Control)</td>
<td>Gets the unique, hierarchically-qualified identifier for the server control.</td>
</tr>
<tr>
<td><strong>ValidationExpression</strong></td>
<td>Gets or sets the regular expression to check the syntax of email address.</td>
</tr>
<tr>
<td><strong>ValidationTimeout</strong></td>
<td>Gets or sets the time-out value in milliseconds to complete validation.</td>
</tr>
<tr>
<td><strong>Visible</strong> (inherited from Control)</td>
<td>Gets or sets a value that indicates whether a server control is rendered as UI on the site to which the server control belongs.</td>
</tr>
</tbody>
</table>
**Width (inherited from WebControl)**

Gets or sets the width of the Web server control.

**See Also**

UltimateEmailValidator Class | Karamasoft.WebControls.UltimateEmail Namespace

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UltimateEmail Class Library
UltimateEmailValidator.AllowNull Property

Gets or sets a value that indicates whether the email address can be null.

**[Visual Basic]**

```
Public Property AllowNull As Boolean
```

**[C#]**

```
public bool AllowNull {get; set;}
```

**Property Value**

*true* if the email address can be null; otherwise, *false*. The default value is *false*.

**Remarks**

Use this property to make the email address optional.

**See Also**

[UltimateEmailValidator Class](#) | [Karamasoft.WebControls.UltimateEmail Namespace](#)

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UltimateEmail Class Library
UltimateEmailValidator.MaxValidationLevel Property

Gets or sets the maximum validation level to check.

[Visual Basic]
Public Property MaxValidationLevel As ValidationLevel

[C#]
public ValidationLevel MaxValidationLevel { get; set; }

Property Value

Maximum validation level to check. The default value is ValidationLevel.Account (highest level of validation) in order to verify that the email account exists on the SMTP server. Validation levels are checked in the order of Syntax, Domain, SMTP, and Account.

Remarks

Use this property to set the maximum validation level to check.

See Also

UltimateEmailValidator Class | Karamasoft.WebControls.UltimateEmail Namespace

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**UltimateEmailValidator.TimeoutExpired Property**

Gets whether the time-out has expired before validation successfully completed.

### Visual Basic

```vbnet
Public ReadOnly Property TimeoutExpired As Boolean
```

### C#

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

**Property Value**

*true* if the time-out expires before validation successfully completes; otherwise, *false*. The default value is *false*.

**Remarks**

Use this property to get whether the time-out has expired before validation successfully completed.

**See Also**

[UltimateEmailValidator Class](#) | [Karamasoft.WebControls.UltimateEmail Namespace](#)
UltimateEmailValidator.ValidationExpression Property

Gets or sets the regular expression to check the syntax of email address.

[Visual Basic]
Public Property ValidationExpression As String

[C#]
public string ValidationExpression {get; set;}

Property Value

Regular expression to check the syntax of email address. The default value is `\w+([-+.\.]\w+)*@\w+([-\.]\w+)*\.[\w+([-\.]\w+]*`.

Remarks

Use this property to set the regular expression to check the syntax of email address.

See Also

UltimateEmailValidator Class | Karamasoft.WebControls.UltimateEmail Namespace

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UltimateEmailValidator.ValidationTimeout Property

Gets or sets the time-out value in milliseconds to complete validation.

[Visual Basic]

Public Property ValidationTimeout As Integer

[C#]

public int ValidationTimeout {get; set;}

Property Value

Time-out value in milliseconds to complete validation. The default value is 0, which means there is no time-out. If the time-out expires before validation successfully completes, it sets the TimeoutExpired property to True.

Remarks

Use this property to set the time-out value in milliseconds to complete validation.

See Also

UltimateEmailValidator Class | Karamasoft.WebControls.UltimateEmail Namespace

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UltimateEmail Class Library
**ValidationLevel Enumeration**

Contains the validation levels to be checked in the following order: Invalid, Syntax, Domain, SMTP, Account

```visual-basic
Public Enum ValidationLevel
```

```c#
public enum ValidationLevel
```

**Remarks**

1. Email address is assumed "invalid" before checking. 2. Check whether the "syntax" is valid based on "ValidationExpression". 3. Check whether the "domain" server has MX records. 4. Check whether the "SMTP" server responds successfully. 5. Check whether the email "account" exists on the SMTP server.

**Members**

<table>
<thead>
<tr>
<th>Member Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Invalid</td>
<td>Email address is assumed &quot;invalid&quot; before checking.</td>
</tr>
<tr>
<td>Syntax</td>
<td>Check whether the &quot;syntax&quot; is valid based on &quot;ValidationExpression&quot;.</td>
</tr>
<tr>
<td>Domain</td>
<td>Check whether the &quot;domain&quot; server has MX records.</td>
</tr>
<tr>
<td>SMTP</td>
<td>Check whether the &quot;SMTP&quot; server responds successfully.</td>
</tr>
<tr>
<td>Account</td>
<td>Check whether the email &quot;account&quot; exists on the SMTP server.</td>
</tr>
</tbody>
</table>

**Requirements**
Namespace: Karamasoft.WebControls.UltimateEmail

Assembly: UltimateEmail (in UltimateEmail.dll)

See Also

Karamasoft.WebControls.UltimateEmail Namespace

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UltimateEmail Class Library
Validator Class

Represents the class that validates email syntax, and verifies email address on SMTP server.

For a list of all members of this type, see Validator Members.

System.Object

Karamasoft.WebControls.UltimateEmail.Validator

[Visual Basic]
Public Class Validator

[C#]
public class Validator

Thread Safety

Public static (Shared in Visual Basic) members of this type are safe for multithreaded operations. Instance members are not guaranteed to be thread-safe.

Requirements

Namespace: Karamasoft.WebControls.UltimateEmail

Assembly: UltimateEmail (in UltimateEmail.dll)

See Also

Validator Members | Karamasoft.WebControls.UltimateEmail Namespace

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UltimateEmail Class Library
## Validator Members

### Validator overview

### Public Instance Constructors

<table>
<thead>
<tr>
<th>Method</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Validator Constructor</strong></td>
<td>Initializes a new instance of the <strong>Validator</strong> class.</td>
</tr>
</tbody>
</table>

### Public Instance Properties

<table>
<thead>
<tr>
<th>Property</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>MaxValidationLevel</strong></td>
<td>Gets or sets the maximum validation level to check.</td>
</tr>
<tr>
<td><strong>TimeoutExpired</strong></td>
<td>Gets whether the time-out has expired before validation successfully completed.</td>
</tr>
<tr>
<td><strong>ValidationExpression</strong></td>
<td>Gets or sets the regular expression to check the syntax of email address.</td>
</tr>
<tr>
<td><strong>ValidationTimeout</strong></td>
<td>Gets or sets the time-out value in milliseconds to complete validation.</td>
</tr>
</tbody>
</table>

### Public Instance Methods

<table>
<thead>
<tr>
<th>Method</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Equals</strong> (inherited from <strong>Object</strong>)</td>
<td>Determines whether the specified <strong>Object</strong> is equal to the current <strong>Object</strong>.</td>
</tr>
<tr>
<td><strong>GetHashCode</strong> (inherited from <strong>Object</strong>)</td>
<td>Serves as a hash function for a particular type, suitable for use in hashing algorithms and data structures like a hash table.</td>
</tr>
<tr>
<td><strong>GetType</strong> (inherited from <strong>Object</strong>)</td>
<td>Gets the <strong>Type</strong> of the current instance.</td>
</tr>
<tr>
<td><strong>ToString</strong> (inherited from <strong>Object</strong>)</td>
<td>Returns a <strong>String</strong> that represents the current <strong>Object</strong>.</td>
</tr>
<tr>
<td><strong>ValidateEmailAddress</strong></td>
<td>Validates the email address based on the syntax specified by &quot;ValidationExpression&quot;, and up to the level specified by &quot;MaxValidationLevel&quot;.</td>
</tr>
</tbody>
</table>

**See Also**

- [Validator Class](#) | [Karamasoft.WebControls.UltimateEmail Namespace](#)

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UltimateEmail Class Library
Validator Constructor

Initializes a new instance of the Validator class.

[Visual Basic] Public Sub New()

[C#]
public Validator();

See Also

Validator Class | Karamasoft.WebControls.UltimateEmail Namespace

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UltimateEmail Class Library
The properties of the **Validator** class are listed below. For a complete list of **Validator** class members, see the **Validator Members** topic.

### Public Instance Properties

<table>
<thead>
<tr>
<th>Property</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>MaxValidationLevel</strong></td>
<td>Gets or sets the maximum validation level to check.</td>
</tr>
<tr>
<td><strong>TimeoutExpired</strong></td>
<td>Gets whether the time-out has expired before validation successfully completed.</td>
</tr>
<tr>
<td><strong>ValidationExpression</strong></td>
<td>Gets or sets the regular expression to check the syntax of email address.</td>
</tr>
<tr>
<td><strong>ValidationTimeout</strong></td>
<td>Gets or sets the time-out value in milliseconds to complete validation.</td>
</tr>
</tbody>
</table>

### See Also

- [Validator Class](#)
- [Karamasoft.WebControls.UltimateEmail Namespace](#)
UltimateEmail Class Library
Gets or sets the maximum validation level to check.

**Property Value**

Maximum validation level to check. The default value is `ValidationLevel.Account` (highest level of validation) in order to verify that the email account exists on the SMTP server. Validation levels are checked in the order of Syntax, Domain, SMTP, and Account.

**Remarks**

Use this property to set the maximum validation level to check.

**See Also**

[Validator Class](#) | [Karamasoft.WebControls.UltimateEmail Namespace](#)
UltimateEmail Class Library
**Validator.TimeoutExpired Property**

Gets whether the time-out has expired before validation successfully completed.

**[Visual Basic]**

```vbnet
Public ReadOnly Property TimeoutExpired As Boolean
```

**[C#]**

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

**Property Value**

`true` if the time-out expires before validation successfully completes; otherwise, `false`. The default value is `false`.

**Remarks**

Use this property to get whether the time-out has expired before validation successfully completed.

**See Also**

[Validator Class]  |  [Karamasoft.WebControls.UltimateEmail Namespace]
UltimateEmail Class Library
**Validator.ValidationExpression Property**

Gets or sets the regular expression to check the syntax of email address.

[Visual Basic]

```vbnet
Public Property ValidationExpression As String
```

[C#]

```csharp
public string ValidationExpression {get; set;
```

**Property Value**

Regular expression to check the syntax of email address. The default value is `\w+([-+.\']\w+)*@\w+([-\.]\w+)*\w+([-\.]\w+)*`.

**Remarks**

Use this property to set the regular expression to check the syntax of email address.

**See Also**

[Validator Class](#) | [Karamasoft.WebControls.UltimateEmail Namespace](#)

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**Validator.ValidationTimeout Property**

Gets or sets the time-out value in milliseconds to complete validation.

**[Visual Basic]**

```vbnet
Public Property ValidationTimeout As Integer
```

**[C#]**

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

**Property Value**

Time-out value in milliseconds to complete validation. The default value is 0, which means there is no time-out. If the time-out expires before validation successfully completes, it sets the TimeoutExpired property to True.

**Remarks**

Use this property to set the time-out value in milliseconds to complete validation.

**See Also**

[Validator Class](#) | [Karamasoft.WebControls.UltimateEmail Namespace](#)
UltimateEmail Class Library
## Validator Methods

The methods of the **Validator** class are listed below. For a complete list of **Validator** class members, see the [Validator Members](#) topic.

### Public Instance Methods

<table>
<thead>
<tr>
<th>Method</th>
<th>Description</th>
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<tbody>
<tr>
<td><strong>Equals</strong></td>
<td>(inherited from <strong>Object</strong>) Determines whether the specified <strong>Object</strong> is equal to the current <strong>Object</strong>.</td>
</tr>
<tr>
<td><strong>GetHashCode</strong></td>
<td>(inherited from <strong>Object</strong>) Serves as a hash function for a particular type, suitable for use in hashing algorithms and data structures like a hash table.</td>
</tr>
<tr>
<td><strong>GetType</strong></td>
<td>(inherited from <strong>Object</strong>) Gets the <strong>Type</strong> of the current instance.</td>
</tr>
<tr>
<td><strong>ToString</strong></td>
<td>(inherited from <strong>Object</strong>) Returns a <strong>String</strong> that represents the current <strong>Object</strong>.</td>
</tr>
<tr>
<td><strong>ValidateEmailAddress</strong></td>
<td>Validates the email address based on the syntax specified by &quot;ValidationExpression&quot;, and up to the level specified by &quot;MaxValidationLevel&quot;.</td>
</tr>
</tbody>
</table>

### See Also

[Validator Class](#) | [Karamasoft.WebControls.UltimateEmail Namespace](#)
Validates the email address based on the syntax specified by "ValidationExpression", and up to the level specified by "MaxValidationLevel".

[Visual Basic]
Public Function ValidateEmailAddress( _
    ByVal emailAddress As String _
) As ValidationLevel

[C#]
public ValidationLevel ValidateEmailAddress(
    string emailAddress
);

Return Value
Highest level that the email address gets validated.

See Also
Validator Class | Karamasoft.WebControls.UltimateEmail Namespace
UltimateEmail Class Library
Karamasoft.WebControls.UltimateEmail Hierarchy

System.Object

Karamasoft.WebControls.UltimateEmail.MailMerge
Karamasoft.WebControls.UltimateEmail.Validator

System.Delegate ---- System.ICloneable, System.Runtime.Serialization.ISerializable

System.Delegate

Karamasoft.WebControls.UltimateEmail.MailMerge.AfterSendEventHandler

System.EventArgs

Karamasoft.WebControls.UltimateEmail.AfterSendEventArgs
Karamasoft.WebControls.UltimateEmail.BeforeMergeEventArgs
Karamasoft.WebControls.UltimateEmail.BeforeSendEventArgs

System.ValueType

System.Enum ---- System.IComparable, System.IConvertible, System.IFormattable

Karamasoft.WebControls.UltimateEmail.ValidationLevel

System.Web.UI.Control ----
System.ComponentModel.IComponent, System.IDisposable,
System.Web.UI.IDataBindingsAccessor,
System.Web.UI.I(ParserAccessors

System.Web.UI.WebControls.WebControl ----
System.Web.UI.IAttributeAccessor

Karamasoft.WebControls.UltimateEmail.UltimateEmailMerge

System.Web.UI.WebControls.Label

System.Web.UI.WebControls.BaseValidator ----
System.Web.UI.IValidator
See Also

Karamasoft.WebControls.UltimateEmail Namespace