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# Ejemplo de procesamiento de datos de devolución

## .NET Framework 1.1

En este ejemplo se muestra un cuadro de texto personalizado que tiene una propiedad de texto que cambia tras la devolución. Una vez cargados los datos de devolución, el control provoca un evento `TextChanged`. Para generar el ejemplo, vea las instrucciones en [Ejemplos de control de servidor](#).

**C#**

```
using System;
using System.Web;
using System.Web.UI;
using System.Collections.Specialized;

namespace CustomControls{
    public class MyTextBox: Control, IPostBackDataHandler {
        public String Text {
            get {
                return (String) ViewState["Text"];
            }
            set {
                ViewState["Text"] = value;
            }
        }

        public event EventHandler TextChanged;

        public virtual bool LoadPostData(string postDataKey,
            NameValueCollection values) {
            String presentValue = Text;
            String postedValue = values[postDataKey];
            if (!presentValue.Equals(postedValue)){
                Text = postedValue;
                return true;
            }
            return false;
        }

        public virtual void RaisePostDataChangedEvent() {
            OnTextChanged(EventArgs.Empty);
        }

        protected virtual void OnTextChanged(EventArgs e){
            if (TextChanged != null)
                TextChanged(this,e);
        }
    }
}
```

```

        protected override void Render(HtmlTextWriter output) {
            output.AddAttribute(HtmlTextWriterAttribute.Type, "text");
            output.AddAttribute(HtmlTextWriterAttribute.Value, this.Text);
            output.AddAttribute(HtmlTextWriterAttribute.Name, this.UniqueID);
            output.RenderBeginTag(HtmlTextWriterTag.Input);
            output.RenderEndTag();
        }
    }
}
[Visual Basic]
Option Explicit
Option Strict

Imports System
Imports System.Web
Imports System.Web.UI
Imports System.Collections.Specialized

Namespace CustomControls
    Public Class MyTextBox
        Inherits Control
        Implements IPostBackDataHandler

        Public Property Text() As String
            Get
                Return CType(ViewState("Text"), String)
            End Get
            Set
                ViewState("Text") = value
            End Set
        End Property

        Public Event TextChanged As EventHandler

        Public Overridable Function LoadPostData(postDataKey As String, values As
NameValueCollection) As Boolean Implements IPostBackDataHandler.LoadPostData
            Dim presentValue As String = Text
            Dim postedValue As String = values(postDataKey)
            If Not presentValue.Equals(postedValue) Then
                Text = postedValue
                Return True
            End If
            Return False
        End Function

        Public Overridable Sub RaisePostDataChangedEvent() Implements
IPostBackDataHandler.RaisePostDataChangedEvent
            OnTextChanged(EventArgs.Empty)
        End Sub

        Protected Overridable Sub OnTextChanged(e As EventArgs)
            RaiseEvent TextChanged(Me, e)
        End Sub

        Protected Overrides Sub Render(output As HtmlTextWriter)

```

```

output.AddAttribute(HtmlTextWriterAttribute.Type, "text")
output.AddAttribute(HtmlTextWriterAttribute.Value, me.Text)
output.AddAttribute(HtmlTextWriterAttribute.Name, me.UniqueID)
output.RenderBeginTag(HtmlTextWriterTag.Input)
output.RenderEndTag()
End Sub
End Class
End Namespace

```

## Utilizar el control en una página

En la siguiente página ASP.NET se utiliza el control personalizado MyTextBox que se definió en el ejemplo anterior.

**C#**

```

<%@ Register TagPrefix="Custom" Namespace="CustomControls" Assembly = "CustomControls" %>
<html>
<script language="C#" runat=server>
    private StringBuilder message = new StringBuilder("");

    private void Text_Changed(Object sender,EventArgs e){
        message.Append("The text in" + sender.ToString()+ " was changed.");
        message.Append("<br>You entered " + Server.HtmlEncode(Box.Text) + ".");
    }

    protected override void Render(HtmlTextWriter output) {
        base.Render(output);
        output.Write(message.ToString());
    }
</script>

<body>

<form method="POST" action="MyTextBox.aspx" runat=server>
The text box below is an instance of a custom text box.<br>
It raises a text changed event when the text in the text box changes.<br><br>
Enter your name:  <Custom:MyTextBox Text=" " OnTextChanged = "Text_Changed" id = "Box"
runat=server/>
<br><br>
<asp:Button Text = "Submit" runat = server/>
</form>
</body>
</html>
[Visual Basic]
<%@ Register TagPrefix="Custom" Namespace="CustomControls" Assembly = "CustomControls" %>
<html>
<script language="VB" runat=server>
    Private message As New StringBuilder("")

    Private Sub Text_Changed(sender As Object, e As EventArgs)
        message.Append(("The text in" & sender.ToString() & " was changed."))
        message.Append(("<br>You entered " & Server.HtmlEncode(Box.Text) & "."))
    End Sub

    Protected Overrides Sub Render(output As HtmlTextWriter)
        MyBase.Render(output)
    End Sub

```

```
        output.Write(message.ToString())
    End Sub
</script>

<body>

<form method="POST" action="MyTextBox.aspx" runat=server>
The text box below is an instance of a custom text box.<br>
It raises a text changed event when the text in the text box changes.<br><br>
Enter your name:  <Custom:MyTextBox Text=" " OnTextChanged = "Text_Changed" id = "Box"
runat=server/>
<br><br>
<asp:Button Text = "Submit" runat = server/>
</form>
</body>
</html>
```

## Vea también

[Procesar datos de devolución](#)

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