## **Databinding the Slider Control**

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## **Overview**

The Slider control in the AJAX Control Toolkit provides a graphical slider that can be controlled using the mouse. It is possible to bind the current position of the slider to another ASP.NET control.

## **Steps**

In order to activate the functionality of ASP.NET AJAX and the Control Toolkit, the **ScriptManager** control must be put anywhere on the page (but within the **<form>** element):

```
<asp:ScriptManager ID="asm" runat="server" />
```

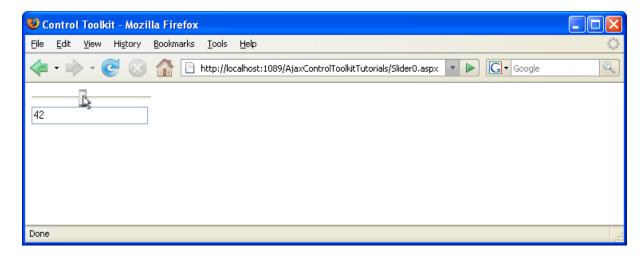
Next, add two **TextBox** controls to the page. One will be transformed into a graphical slider, and the other one will hold the position of the slider.

```
<asp:TextBox ID="Slider1" runat="server" />
<asp:TextBox ID="SliderValue" runat="server" />
```

The next step is already the final step. The **SliderExtender** control from the ASP.NET AJAX Control Toolkit makes a slider out of the first text box and automatically updates the second text box when the slider position changes. In order for that to work, The **SliderExtender**'s **TargetControlID** attribute must be set to the ID of the first text box; the **BoundControlID** attribute must be set to the ID of the second text box.

```
<ajaxToolkit:SliderExtender ID="se1" runat="server"
TargetControlID="Slider1" BoundControlID="SliderValue" />
```

As you can see in the browser, the data binding works in both directions: entering a new value in the text box updates the slider's position. If you make the second text box read only, you may add a weak protection to the text field so that it is harder for the user to manually update the value in there.



Slider and text box are in sync