Triggering an Animation in another Control

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Overview

The Animation control in the ASP.NET AJAX Control Toolkit is not just a control but a whole framework to add animations to a control. Generally, launching an animation is triggered by user interaction with the same control. It is however also possible to interact with one control and then animation another control.

Steps

First of all, include the **ScriptManager** in the page; then, the ASP.NET AJAX library is loaded, making it possible to use the Control Toolkit:

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

The animation will be applied to a panel of text which looks like this:

```
<asp:Panel ID="panelShadow" runat="server" CssClass="panelClass">
  ASP.NET AJAX is a free framework for quickly creating a new
   generation of more efficient,
  more interactive and highly-personalized Web experiences that
   work across all the
  most popular browsers.<br />
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   work across all the
  most popular browsers.<br />
</asp:Panel>
```

In the associated CSS class for the panel, define a nice background color and also set a fixed width for the panel:

```
<style type="text/css">
  .panelClass {background-color: lime; width: 300px;}
</style>
```

In order to start animating the panel, an HTML button is used. Note that **<input type="button" />** is favoured over **<asp:Button />** since we do not want a postback when the user clicks on that button.

```
<input type="button" id="Button1" runat="server" Value="Launch
   Animation" />
```

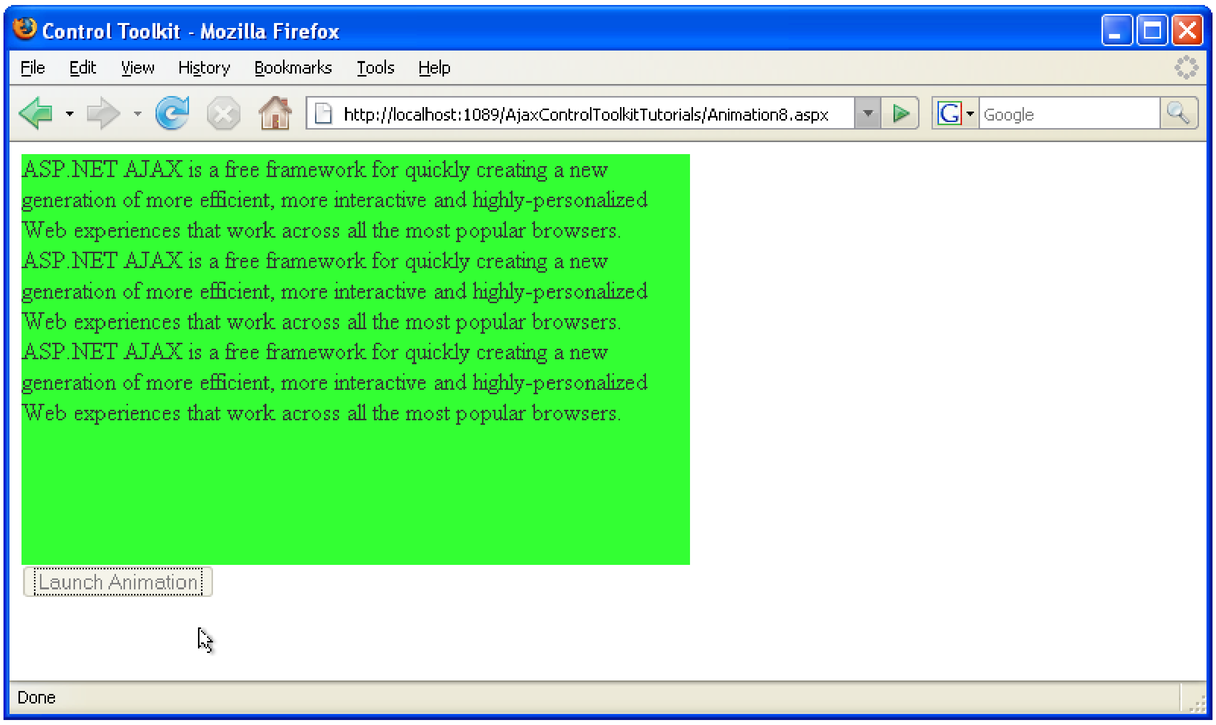
Then, add the **AnimationExtender** to the page, providing an **ID**, the **TargetControlID** attribute and the obligatory **runat="server"**. It is important to set **TargetControlID** to the ID of the button (the element triggering the animation), not to the ID of the panel (the element being animated)

```
<ajaxToolkit:AnimationExtender ID="ae" runat="server"
  TargetControlID="Button1">
```

Within the **<Animations>** node, place animations as usual. In order to make them change the panel, not the button, set the **AnimationTarget** attribute for every animation element within **AnimationExtender**. The value for **AnimationTarget** is the ID of the panel, of course. That way, the animations happen with the panel, not with the triggering button. Here is the **AnimationExtender** markup for this scenario:

```
<ajaxToolkit:AnimationExtender ID="ae" runat="server"
  TargetControlID="Panel1">
  <Animations>
    <OnClick>
      <Sequence>
        <EnableAction Enabled="false" />
        <Parallel>
          <FadeOut Duration="1.5" Fps="24"
   AnimationTarget="Panel1" />
          <Resize Width="1000" Height="150" Unit="px"
   AnimationTarget="Panel1" />
        </Parallel>
      </Sequence>
    </OnClick>
  </Animations>
</ajaxToolkit:AnimationExtender>
```

Note the special order in which the individual animations appear. First of all, the button gets deactivated once the animation runs. Since there is no **AnimationTarget** attribute in the **<EnableAction>** element, this animation is applied to the originating control: the button. The next two animation steps shall be carried out parallelly (**<Parallel>** element). Both have their **AnimationTarget** attributes set to **"Panel1"**, thus animating the panel, not the button.


Control Toolkit - Mozilla Firefox
File Edit View History Bookmarks Tools Help
http://localhost:1089/AjaxControlToolkitTutorials/Animation8.aspx
Google

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A mouse click on the button starts the panel animation