

Executing Several Animations after Each Other

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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. It allows to run several animations one after the other.

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>
```

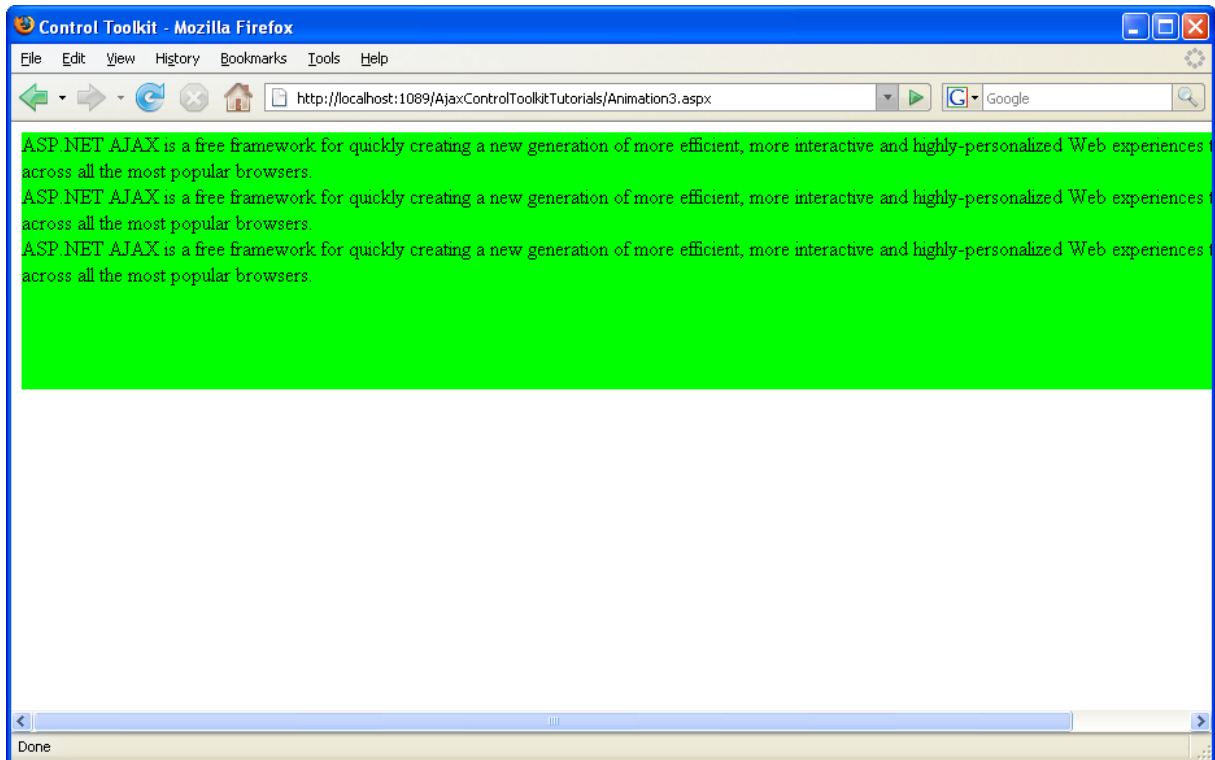
Then, add the **AnimationExtender** to the page, providing an **ID**, the **TargetControlID** attribute and the obligatory **runat="server"**:

```
<ajaxToolkit:AnimationExtender ID="ae" runat="server"
  TargetControlID="Panel1">
```

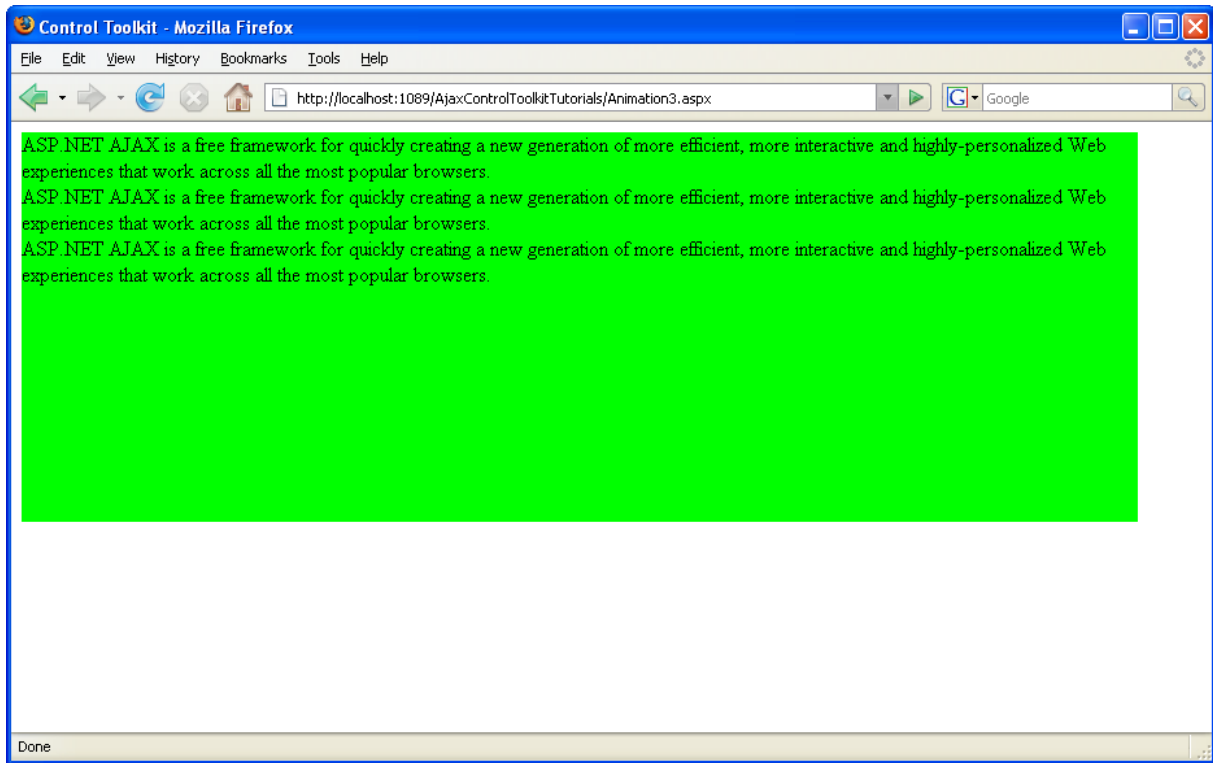
Within the **<Animations>** node, use **<OnLoad>** to run the animations once the page has been fully loaded. Generally, **<OnLoad>** only accepts one animation. The Animation framework allows you to join several animations into one using the **<Sequence>** element. All animations within **<Sequence>** are executed one after the other. Here is the a possible markup for the **AnimationExtender** control, first making the panel wider and then decreasing its height:

```
<ajaxToolkit:AnimationExtender ID="ae" runat="server"
  TargetControlID="Panel1">
  <Animations>
    <OnLoad>
      <Sequence>
        <Resize Width="1000" Unit="px" />
        <Resize Height="150" Unit="px" />
      </Sequence>
    </OnLoad>
  </Animations>
</ajaxToolkit:AnimationExtender>
```

When you run this script, the panel first gets wider and then smaller.



First the width is increased



Then the height is decreased