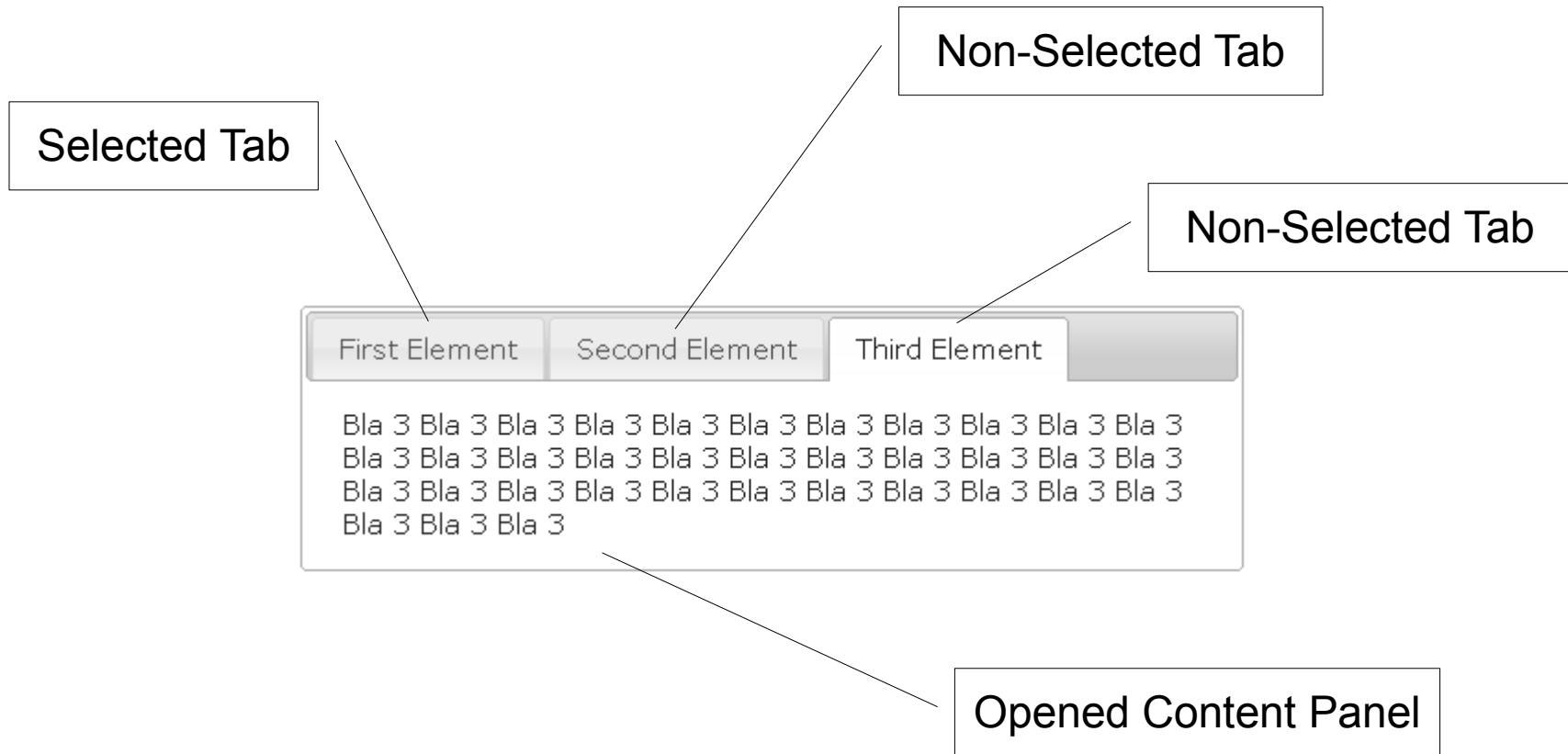


Tabs

Introduction

- ❖ The 'Tab' widget can be used to toggle between a set of different elements. Each element can contain different content.
- ❖ Accessing each element is done by clicking on its heading, that appears as an individual tab.
- ❖ Each element has a tab it is associated with.
- ❖ Only one element can be opened at a time.

Introduction



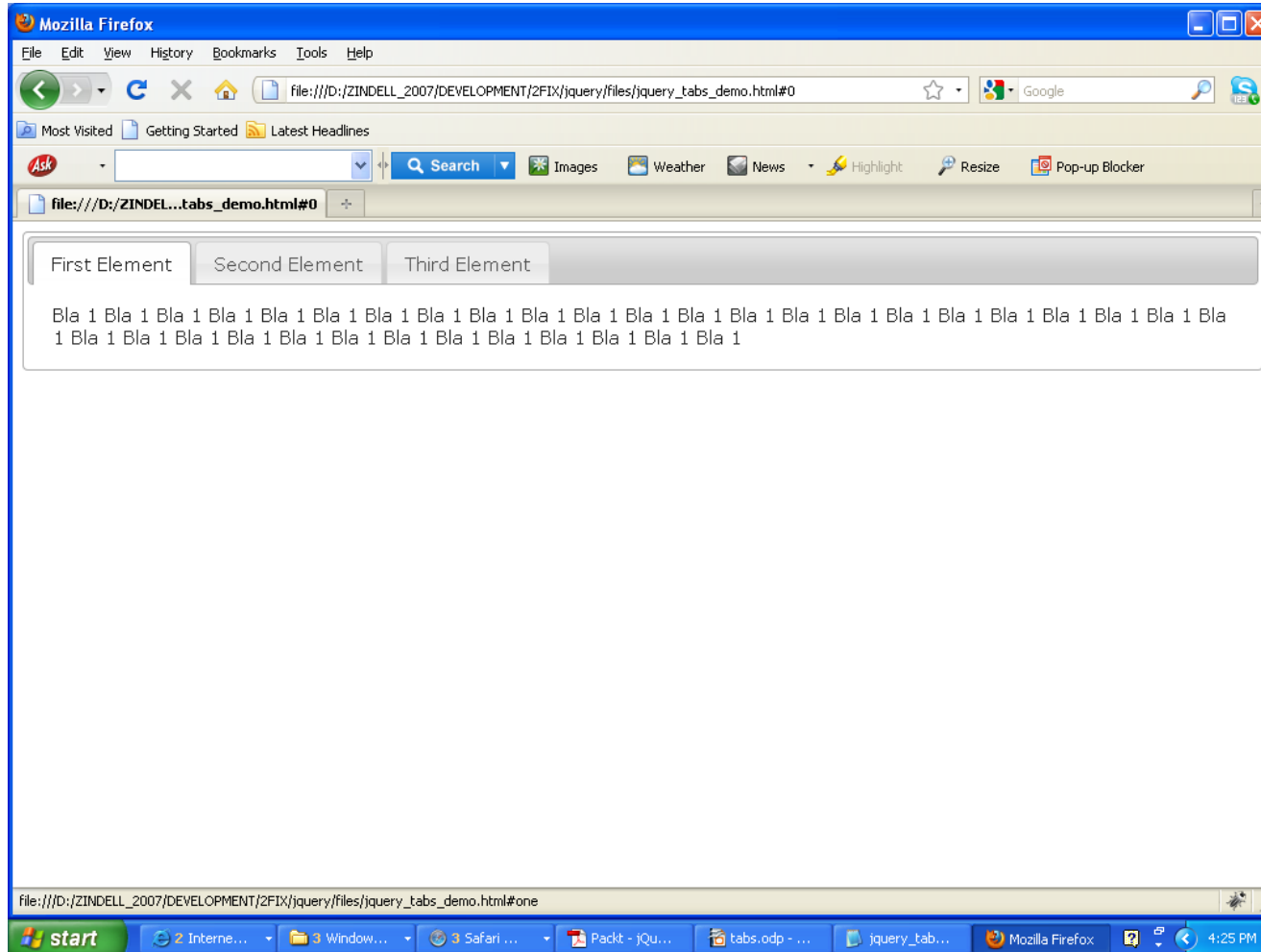
Sample

```
<!DOCTYPE html>
<html>
<head>
  <link      type="text/css"
            href="http://jqueryui.com/latest/themes/base/ui.all.css"
            rel="stylesheet" />
  <script    type="text/javascript"
            src="http://jqueryui.com/latest/jquery-1.3.2.js"></script>
  <script    type="text/javascript"
            src="http://jqueryui.com/latest/ui/ui.core.js"></script>
  <script    type="text/javascript"
            src="http://jqueryui.com/latest/ui/ui.tabs.js"></script>
  <script    type="text/javascript">
    $(document).ready(function(){$("#tabs").tabs();});
  </script>
</head>
<body>
```

Sample

```
<div id="tabs">
  <ul>
    <li><a href="#one"><span>First Element</span></a></li>
    <li><a href="#two"><span>Second Element</span></a></li>
    <li><a href="#three"><span>Third Element</span></a></li>
  </ul>
  <div id="one">
    Bla 1 Bla 1 Bla 1 Bla 1 Bla 1
  </div>
  <div id="two">
    Bla 2 Bla 2 Bla 2 Bla 2 Bla 2
  </div>
  <div id="three">
    Bla 3 Bla 3 Bla 3 Bla 3 Bla 3
  </div>
</div>
</body>
</html>
```

Sample



Explaining The Code

- ❖ The following defines an anonymous functions

```
function() {$("#tabs").tabs();}
```

- ❖ The anonymous function is passed over to the `ready` method we call on `$(document)`.
- ❖ The `$(document)` expression is a call to the `$` function. The document object is the argument that we pass over.
- ❖ The `$("#tabs")` expression is a call to the `$` function. The “#tabs” string is the argument we pass over.

Customization

- ❖ When calling the tabs function we can pass over an object which is actually an array that configures different properties of the Tabs Widget.

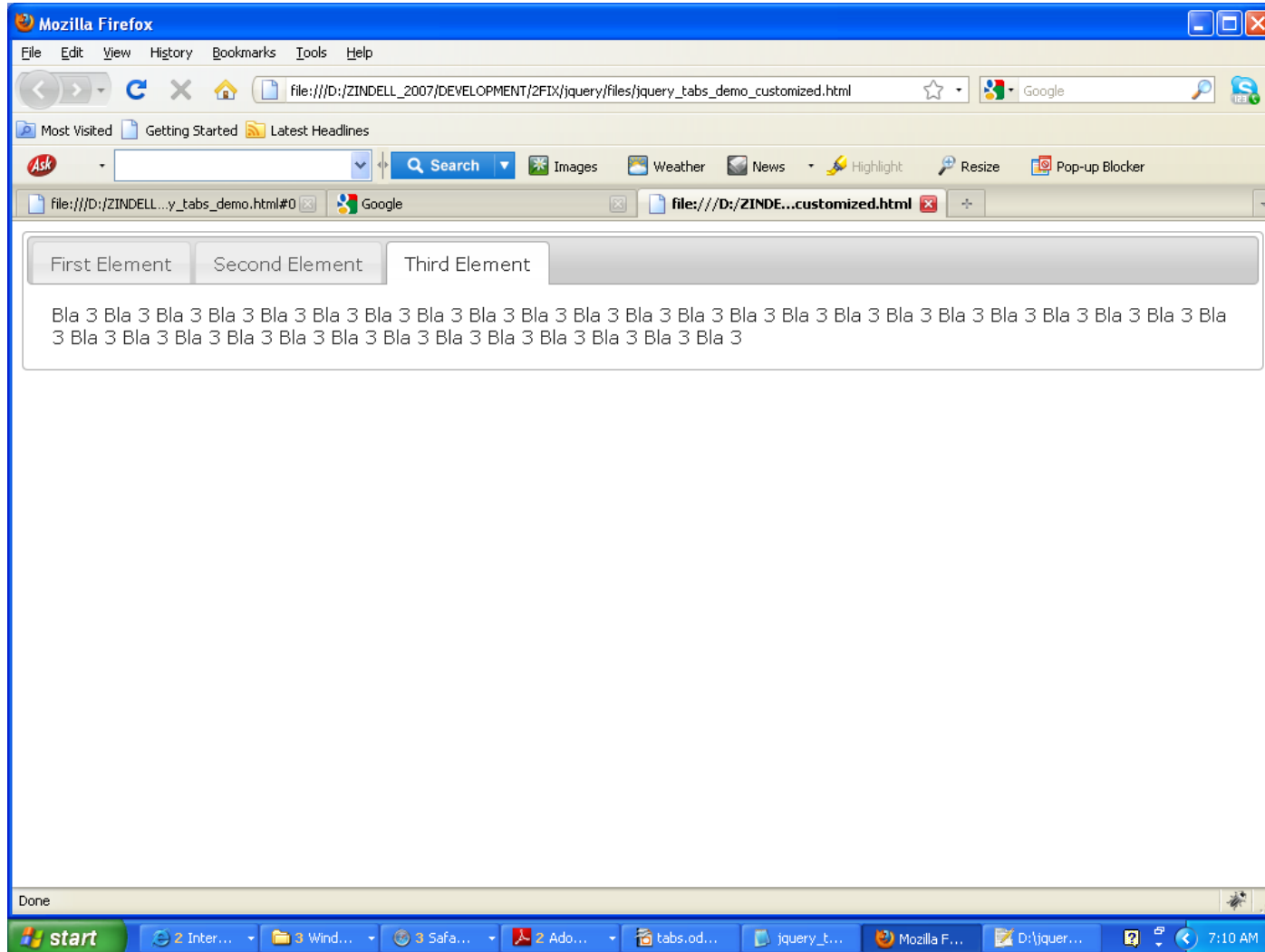
Customization

```
<!DOCTYPE html>
<html>
<head>
  <link type="text/css"
href="http://jqueryui.com/latest/themes/base/ui.all.css"
rel="stylesheet" />
  <script type="text/javascript"
src="http://jqueryui.com/latest/jquery-1.3.2.js"></script>
  <script type="text/javascript"
src="http://jqueryui.com/latest/ui/ui.core.js"></script>
  <script type="text/javascript"
src="http://jqueryui.com/latest/ui/ui.tabs.js"></script>
  <script type="text/javascript">
    var opts = {
      fx: {opacity: "toggle", duration: "slow"},
      selected: 2
    };
    $(document).ready(function() {$("#tabsrrr").tabs(opts);});
  </script>
</head>
<body style="font-size:82.5%;">
```

Customization

```
<div id="tabsrrr">
  <ul>
    <li><a href="#one"><span>First Element</span></a></li>
    <li><a href="#two"><span>Second Element</span></a></li>
    <li><a href="#three"><span>Third Element</span></a></li>
  </ul>
  <div id="one">
    Bla 1 Bla 1 Bla 1
  </div>
  <div id="two">
    Bla 2 Bla 2 Bla 2
  </div>
  <div id="three">
    Bla 3 Bla 3 Bla 3
  </div>
</div>
</body>
</html>
```

Customization



Tab Styling

- ❖ We can easily change the style of our tabs by changing the CSS file in use.
- ❖ We can either edit an existing CSS file or create a new one using the Theme Roller tool.

Tab Styling

The screenshot shows the jQuery UI ThemeRoller interface in a Windows Internet Explorer browser window. The browser title is "jQuery UI - ThemeRoller - Windows Internet Explorer". The address bar shows the URL: `http://jqueryui.com/themeroller/#ffDefault=Verdana%2CArial%2Csans-serif&fwDefault=normal&fsDefau`. The page content includes the jQuery logo, navigation links (Download, Demos & Documentation, Themes, Development, Support), and a "ThemeRoller" sidebar with settings for "Header/Toolbar", "Content", and "Clickable" states. The main content area displays various UI widgets: Accordion (Section 1, 2, 3), Button (A button element, Choice 1, 2, 3), Autocomplete, Slider, Datepicker (May 2010), and Tabs (First, Second, Third). The Windows taskbar at the bottom shows the Start button, several open applications, and the system clock at 1:45 AM.

Tab Events

```
<!DOCTYPE html>

<html>

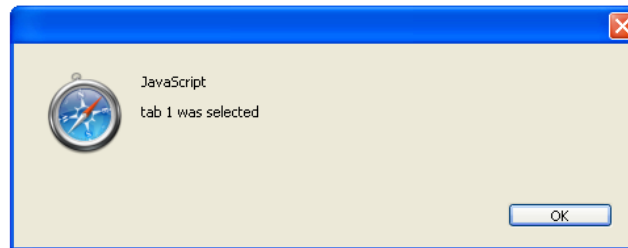
<head>
  <link type="text/css"
        href="css/ui-lightness/jquery-ui-1.8.1.custom.css" rel="stylesheet" />
  <script type="text/javascript" src="js/jquery-1.4.2.min.js"></script>
  <script type="text/javascript"
        src="js/jquery-ui-1.8.1.custom.min.js"></script>
  <script type="text/javascript">
    var func = function handleSelect(event, tab)
      {
        alert("tab " + tab.index + " was selected");
      };
    var vec = {select:func};
    $(document).ready(function() {$("#tabsrrr").tabs(vec);});
  </script>
</head>
```

Tab Events

```
<body style="font-size:82.5%;">
<div id="tabsrrr">
  <ul>
    <li><a href="#one"><span>First Element</span></a></li>
    <li><a href="#two"><span>Second Element</span></a></li>
    <li><a href="#three"><span>Third Element</span></a></li>
  </ul>
  <div id="one">
    Bla 1 Bla 1 Bla 1
  </div>
  <div id="two">
    Bla 2 Bla 2 Bla 2
  </div>
  <div id="three">
    Bla 3 Bla 3 Bla 3
  </div>
</div>
</body>

</html>
```

Tab Events



Tab Methods

- ❖ There are various methods we can call on a tab object.
- ❖ Calling a method is done by calling the `tabs()` method and passing over the name of the specific method we want to call.
- ❖ The following code sample shows a call to the `disable` function in order to disable the tab its index number is 1.

Tab Methods

```
<!DOCTYPE html>

<html>

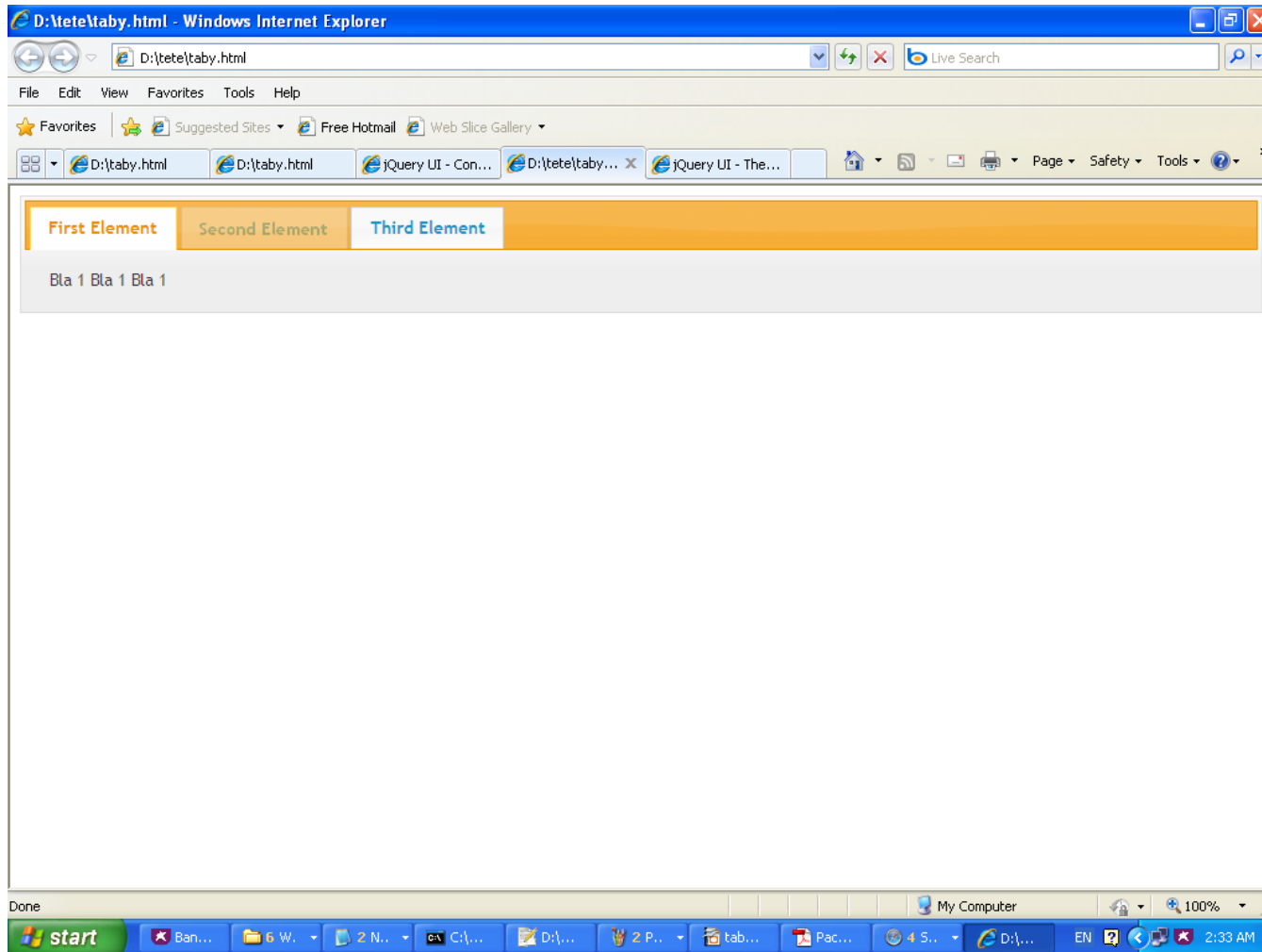
<head>
  <link type="text/css"
        href="css/ui-lightness/jquery-ui-1.8.1.custom.css" rel="stylesheet" />
  <script type="text/javascript" src="js/jquery-1.4.2.min.js"></script>
  <script type="text/javascript"
        src="js/jquery-ui-1.8.1.custom.min.js"></script>
  <script type="text/javascript">
    var func = function handleSelect(event, tab)
      {
        alert("tab " + tab.index + " was selected");
      };
  var vec = {select:func};
  $(document).ready(
    function()
    {
      $("#tabsrrr").tabs(vec);
      $("#tabsrrr").tabs("disable",1);
    }
    );
</script>
</head>
```

Tab Methods

```
<body style="font-size:82.5%;">
<div id="tabsrrr">
  <ul>
    <li><a href="#one"><span>First Element</span></a></li>
    <li><a href="#two"><span>Second Element</span></a></li>
    <li><a href="#three"><span>Third Element</span></a></li>
  </ul>
  <div id="one">
    Bla 1 Bla 1 Bla 1
  </div>
  <div id="two">
    Bla 2 Bla 2 Bla 2
  </div>
  <div id="three">
    Bla 3 Bla 3 Bla 3
  </div>
</div>
</body>

</html>
```

Tab Methods



Tabs

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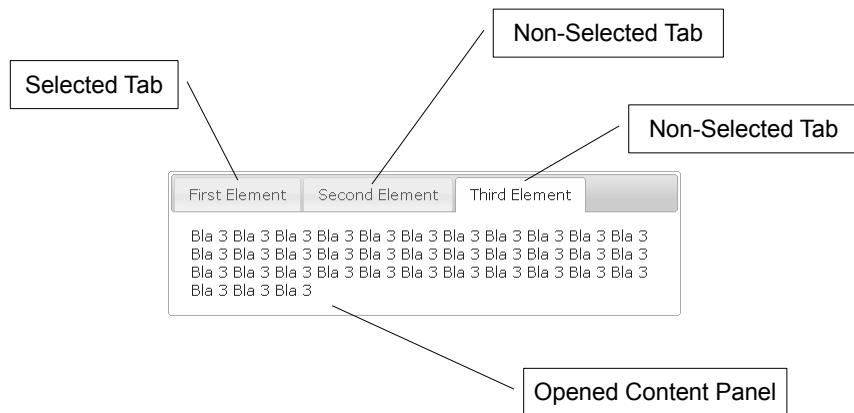
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Introduction

- ❖ The 'Tab' widget can be used to toggle between a set of different elements. Each element can contain different content.
- ❖ Accessing each element is done by clicking on its heading, that appears as an individual tab.
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Introduction



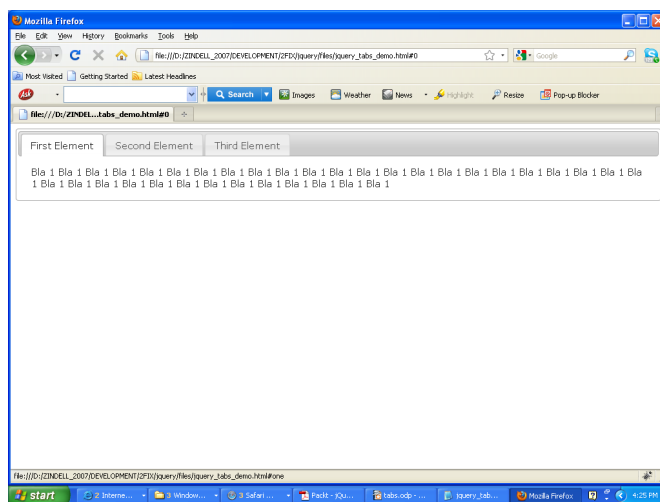
Sample

```
<!DOCTYPE html>
<html>
<head>
  <link      type="text/css"
            href="http://jqueryui.com/latest/themes/base/ui.all.css"
            rel="stylesheet" />
  <script    type="text/javascript"
            src="http://jqueryui.com/latest/jquery-1.3.2.js"></script>
  <script    type="text/javascript"
            src="http://jqueryui.com/latest/ui/ui.core.js"></script>
  <script    type="text/javascript"
            src="http://jqueryui.com/latest/ui/ui.tabs.js"></script>
  <script    type="text/javascript">
    $(document).ready(function() {$("#tabs").tabs();});
  </script>
</head>
<body>
```


Sample

```
<div id="tabs">
  <ul>
    <li><a href="#one"><span>First Element</span></a></li>
    <li><a href="#two"><span>Second Element</span></a></li>
    <li><a href="#three"><span>Third Element</span></a></li>
  </ul>
  <div id="one">
    Bla 1 Bla 1 Bla 1 Bla 1 Bla 1
  </div>
  <div id="two">
    Bla 2 Bla 2 Bla 2 Bla 2 Bla 2
  </div>
  <div id="three">
    Bla 3 Bla 3 Bla 3 Bla 3 Bla 3
  </div>
</div>
</body>
</html>
```

Sample



Explaining The Code

- ❖ The following defines an anonymous functions

```
function(){$("#tabs").tabs();}
```

- ❖ The anonymous function is passed over to the `ready` method we call on `$(document)`.
- ❖ The `$(document)` expression is a call to the `$` function. The `document` object is the argument that we pass over.
- ❖ The `$("#tabs")` expression is a call to the `$` function. The `"#tabs"` string is the argument we pass over.

Customization

- ❖ When calling the tabs function we can pass over an object which is actually an array that configures different properties of the Tabs Widget.

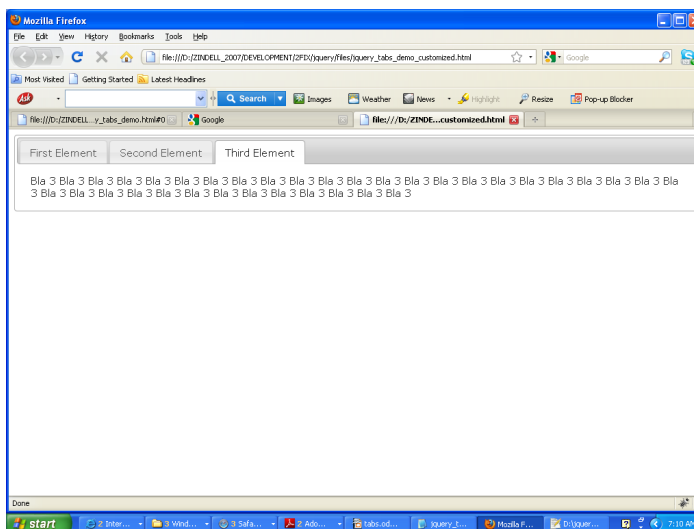
Customization

```
<!DOCTYPE html>
<html>
<head>
  <link type="text/css"
href="http://jqueryui.com/latest/themes/base/ui.all.css"
rel="stylesheet" />
  <script type="text/javascript"
src="http://jqueryui.com/latest/jquery-1.3.2.js"></script>
  <script type="text/javascript"
src="http://jqueryui.com/latest/ui/ui.core.js"></script>
  <script type="text/javascript"
src="http://jqueryui.com/latest/ui/ui.tabs.js"></script>
  <script type="text/javascript">
    var opts = {
      fx: {opacity: "toggle",duration: "slow"},
      selected: 2
    };
    $(document).ready(function() {$("#tabsrrr").tabs(opts);});
  </script>
</head>
<body style="font-size:82.5%;">
```

Customization

```
<div id="tabsrrr">
  <ul>
    <li><a href="#one"><span>First Element</span></a></li>
    <li><a href="#two"><span>Second Element</span></a></li>
    <li><a href="#three"><span>Third Element</span></a></li>
  </ul>
  <div id="one">
    Bla 1 Bla 1 Bla 1
  </div>
  <div id="two">
    Bla 2 Bla 2 Bla 2
  </div>
  <div id="three">
    Bla 3 Bla 3 Bla 3
  </div>
</div>
</body>
</html>
```

Customization



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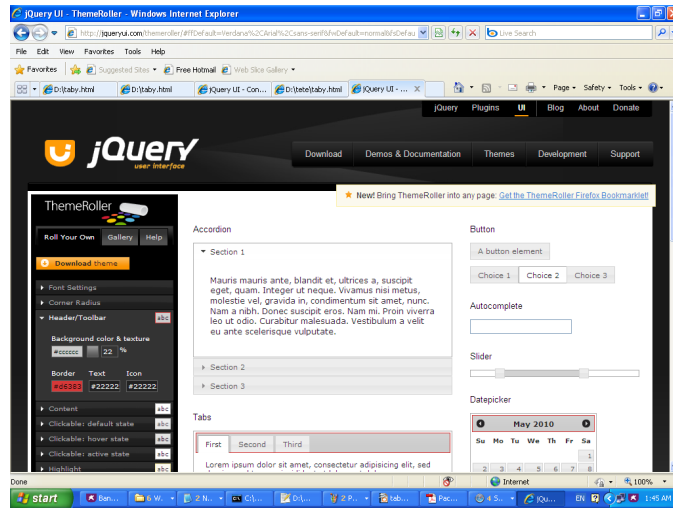
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Tab Styling

- ❖ We can easily change the style of our tabs by changing the CSS file in use.
- ❖ We can either edit an existing CSS file or create a new one using the Theme Roller tool.

Tab Styling



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Tab Events

```
<!DOCTYPE html>

<html>

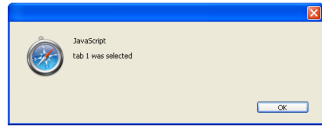
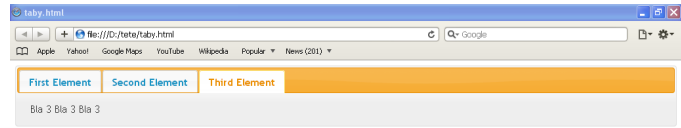
<head>
  <link type="text/css"
        href="css/ui-lightness/jquery-ui-1.8.1.custom.css" rel="stylesheet" />
  <script type="text/javascript" src="js/jquery-1.4.2.min.js"></script>
  <script type="text/javascript"
        src="js/jquery-ui-1.8.1.custom.min.js"></script>
  <script type="text/javascript">
    var func = function handleSelect(event, tab)
    {
      alert("tab " + tab.index + " was selected");
    };
    var vec = {select:func};
    $(document).ready(function() {$("#tabsrrr").tabs(vec);});
  </script>
</head>
```

Tab Events

```
<body style="font-size:82.5%;">
<div id="tabsrrr">
  <ul>
    <li><a href="#one"><span>First Element</span></a></li>
    <li><a href="#two"><span>Second Element</span></a></li>
    <li><a href="#three"><span>Third Element</span></a></li>
  </ul>
  <div id="one">
    Bla 1 Bla 1 Bla 1
  </div>
  <div id="two">
    Bla 2 Bla 2 Bla 2
  </div>
  <div id="three">
    Bla 3 Bla 3 Bla 3
  </div>
</div>
</body>

</html>
```

Tab Events



Tab Methods

- ❖ There are various methods we can call on a tab object.
- ❖ Calling a method is done by calling the `tabs()` method and passing over the name of the specific method we want to call.
- ❖ The following code sample shows a call to the `disable` function in order to disable the tab its index number is 1.

Tab Methods

```
<!DOCTYPE html>

<html>

<head>
  <link type="text/css"
        href="css/ui-lightness/jquery-ui-1.8.1.custom.css" rel="stylesheet" />
  <script type="text/javascript" src="js/jquery-1.4.2.min.js"></script>
  <script type="text/javascript"
        src="js/jquery-ui-1.8.1.custom.min.js"></script>
  <script type="text/javascript">
    var func = function handleSelect(event, tab)
    {
      alert("tab " + tab.index + " was selected");
    };
    var vec = {select:func};
    $(document).ready(
      function()
      {
        $("#tabsrrr").tabs(vec);
        $("#tabsrrr").tabs("disable",1);
      }
    );
  </script>
</head>
```

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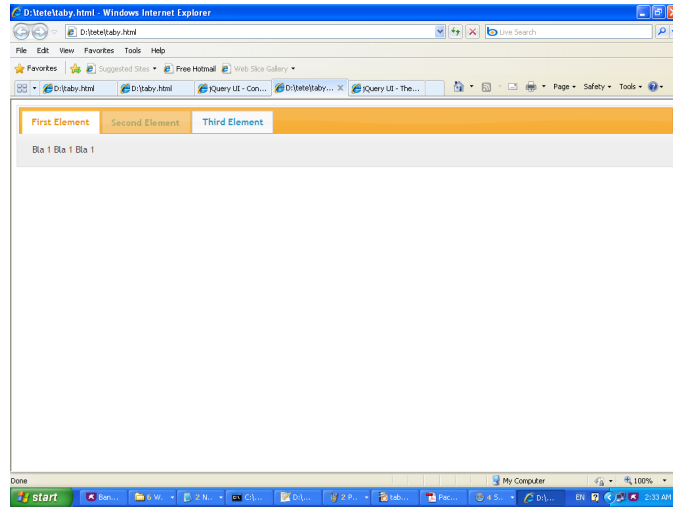
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Tab Methods

```
<body style="font-size:82.5%;">
<div id="tabsrrr">
  <ul>
    <li><a href="#one"><span>First Element</span></a></li>
    <li><a href="#two"><span>Second Element</span></a></li>
    <li><a href="#three"><span>Third Element</span></a></li>
  </ul>
  <div id="one">
    Bla 1 Bla 1 Bla 1
  </div>
  <div id="two">
    Bla 2 Bla 2 Bla 2
  </div>
  <div id="three">
    Bla 3 Bla 3 Bla 3
  </div>
</div>
</body>

</html>
```

Tab Methods



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