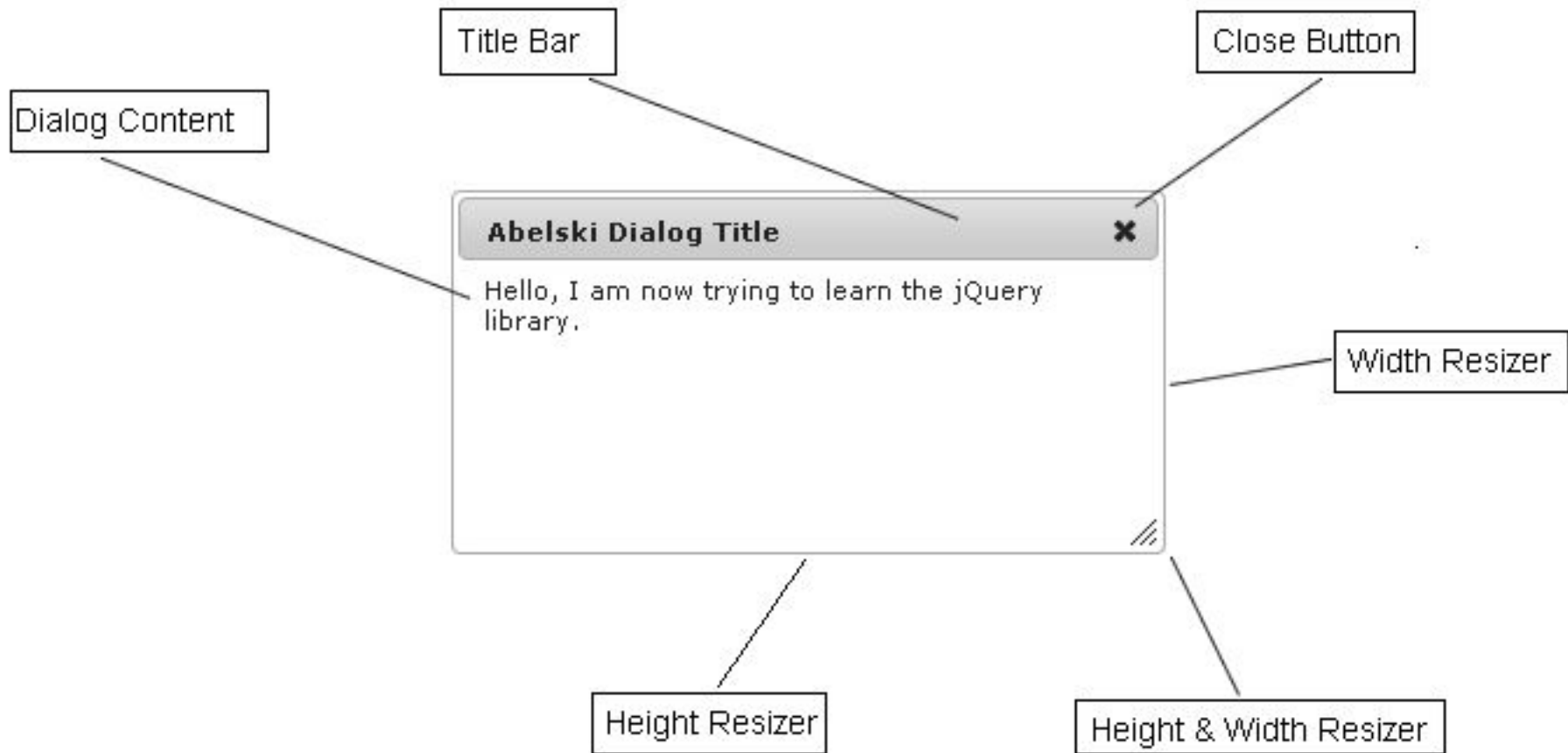


Dialog

Introduction

- ❖ Alternatively for using the traditional JavaScript native dialog boxes or using a new pop up window we can use the jQuery Dialog widget.
- ❖ Using this jQuery widget we can present textual message together with supplement content, such as graphics content, and even have a small interaction with the user.

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.draggable.js">  
</script>
```

```
  <script type="text/javascript"  
    src="http://jqueryui.com/latest/ui/ui.resizable.js"></script>
```

Sample

```
<script type="text/javascript"
  src="http://jqueryui.com/latest/ui/ui.dialog.js">
</script>
```

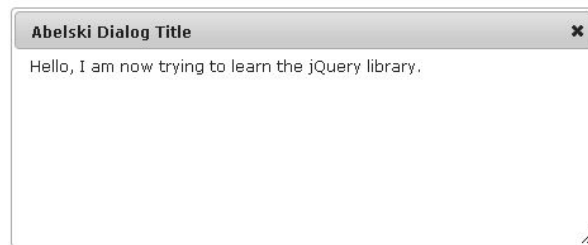
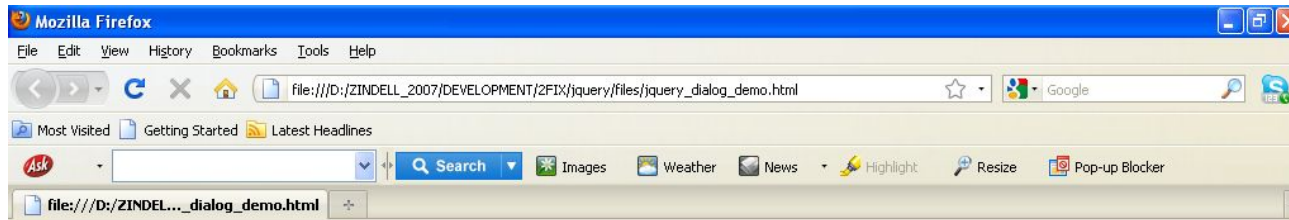
```
<script type="text/javascript">
  $(document).ready(function()
  {
    $("#my_dialog").dialog();
  }
  );
</script>
```

```
</head>
```

```
<body style="font-size:68.5%;">
  <div id="my_dialog" title="Abelski Dialog Title">
    Hello, I am now trying to learn the jQuery library.
  </div>
</body>
```

```
</html>
```

Sample



Modality

- ❖ The dialog widget can support modality. The modality is false (by default). The `modal` option control the modality state.
- ❖ We can use the `overlay` option in order to set a background image that will be displayed when the dialog is shown.

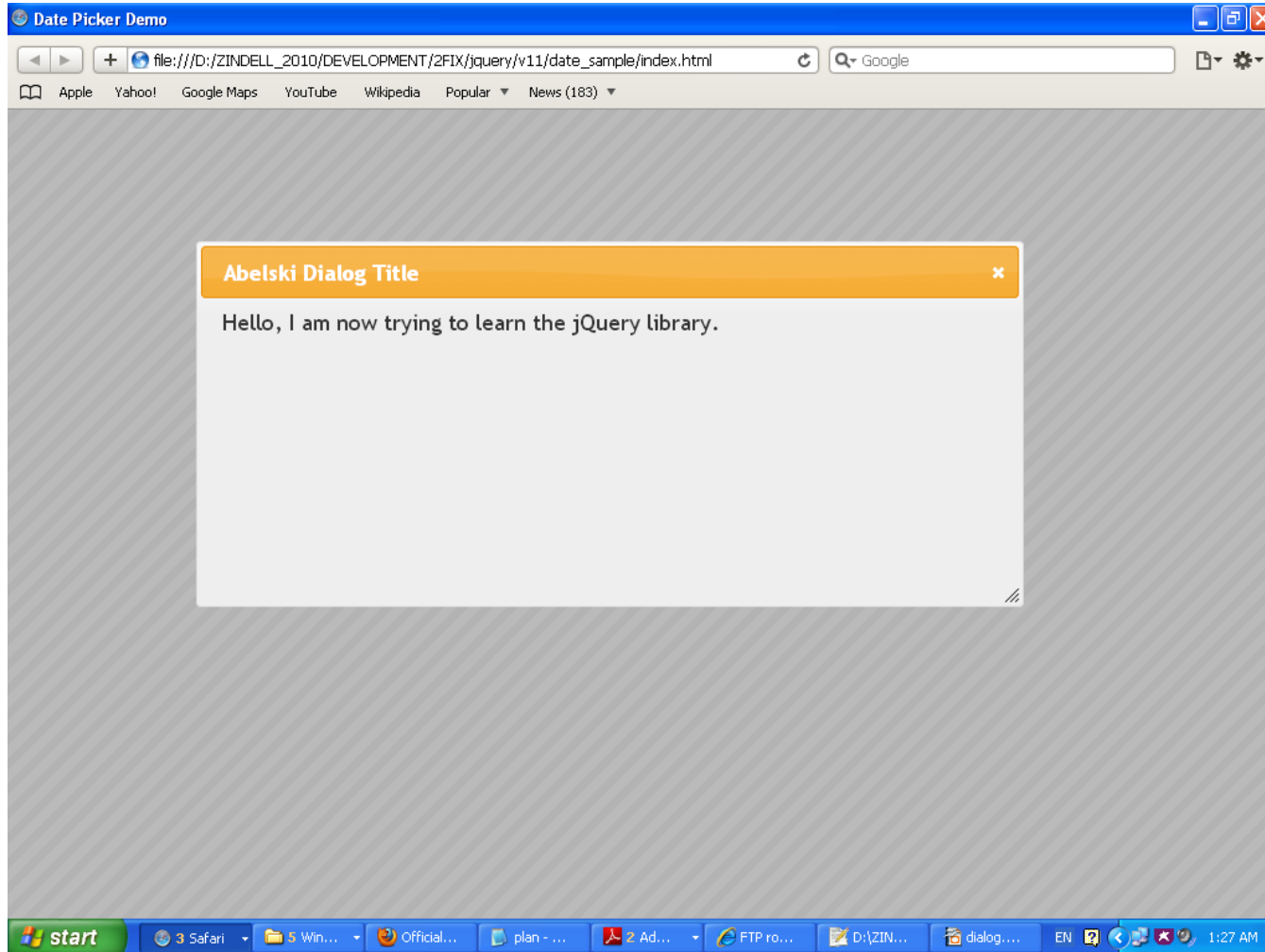
Modality

```
<html>
  <head>
    <meta http-equiv="Content-Type" content="text/html; charset=iso-8859-1" />
    <title>Date Picker Demo</title>
    <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">
      $(function() {
        var vec =
          {
            modal: true,
            overlay: {background: "url(img/modal.png) repeat"}
          };
        $("#my_dialog").dialog(vec);
      });
    </script>
  </head>
```


Modality

```
<body>
  <div id="my_dialog" title="Abelski Dialog Title">
    Hello, I am now trying to learn the jQuery library.
  </div>
</body>
</html>
```

Modality



Buttons

- ❖ We can use the button property in order to add buttons to our dialog UI component.

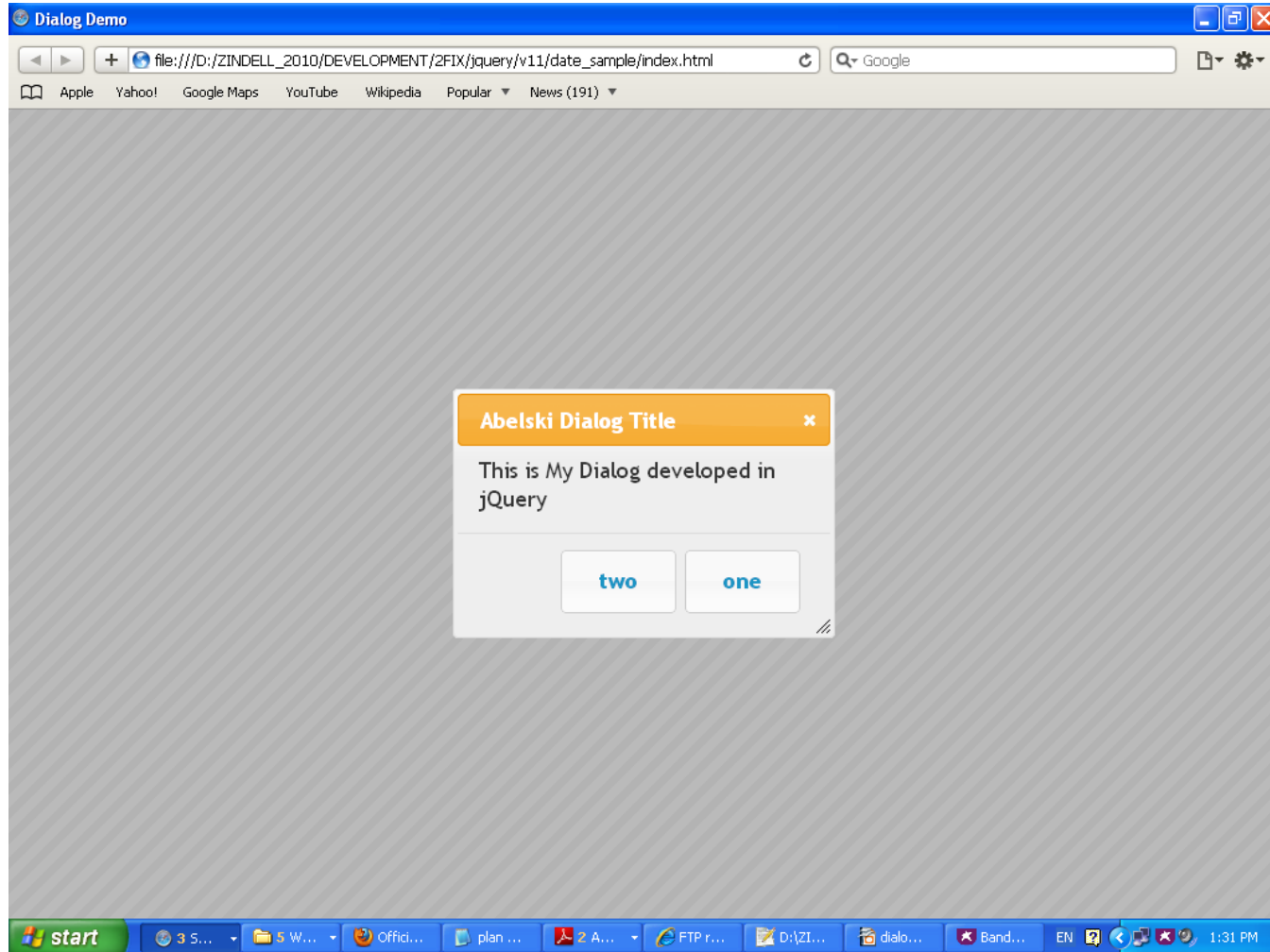
Buttons

```
<html>
  <head>
    <meta http-equiv="Content-Type" content="text/html; charset=iso-8859-1" />
    <title>Dialog Demo</title>
    <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">
      $(function() {
        function clickOne() { alert("one was clicked!"); }
        function clickTwo() { alert("two was clicked!"); }
        var vec = { modal: true,
                    buttons: {"one": clickOne, "two": clickTwo},
                    overlay: {background: "url(img/modal.png) repeat"}
                  };
        $("#my_dialog").dialog(vec);
      });
    </script>
  </head>
```

Buttons

```
<body>
  <div id="my_dialog" title="Abelski Dialog Title">
    This is My Dialog developed in jQuery
  </div>
</body>
</html>
```

Buttons



Callback Functions

- ❖ We can set various callback methods to be called at different points in our dialog life cycle.

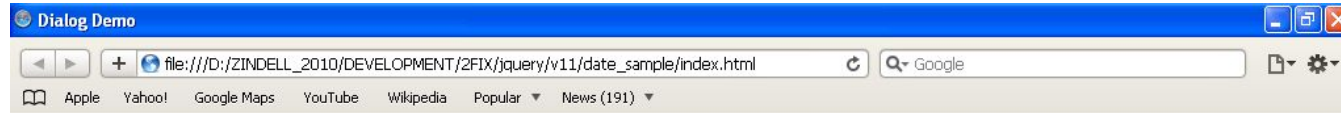
Callback Functions

Property Name	When Fired
drag	When the dialog is dragged
focus	When the dialog gets focus
resize	When the dialog is being resized
resizeStart	When the dialog resize starts
resizeStop	When the dialog resize stops
dragStart	When the dialog drag starts
dragStop	When the dialog drag ends
open	When a dialog window is opened
close	When a dialog window is closed

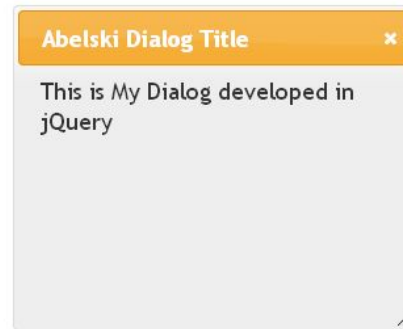
Callback Functions

```
<html>
  <head>
    <meta http-equiv="Content-Type" content="text/html; charset=iso-8859-1" />
    <title>Dialog Demo</title>
    <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">
      $(function() {
        var vec = {
          open: function() {$("#status").text("The dialog is open");},
          close: function() {$("#status").text("The dialog is closed");}
        };
        $("#my_dialog").dialog(vec);
      });
    </script>
  </head>
  <body>
    <div id="my_dialog" title="Abelski Dialog Title">
      This is My Dialog developed in jQuery
    </div>
    <div id="status"></div>
  </body>
</html>
```

Callback Functions



The dialog is open



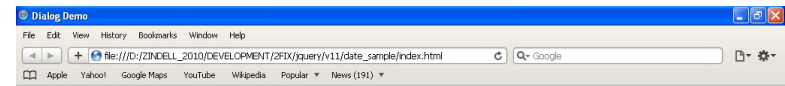
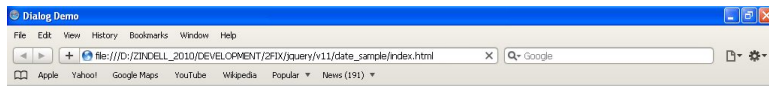
Animations

- ❖ We can easily customize our dialog implementing various animations related to its life cycle.
- ❖ One of the relevant options is `show`. One of its possible values is `slide`.

Animations

```
<html>
  <head>
    <meta http-equiv="Content-Type" content="text/html; charset=iso-8859-1" />
    <title>Dialog Demo</title>
    <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">
      $(function() {
        var vec = {show:"slide"};
        $("#my_dialog").dialog(vec);
      });
    </script>
  </head>
  <body>
    <div id="my_dialog" title="Abelski Dialog Title">
      This is My Dialog developed in jQuery
    </div>
  </body>
</html>
```

Animations



Dialog Methods

- ❖ We can control our dialog by calling the various available methods.
- ❖ Using these methods we can easily perform various actions on our dialog, such as open it, close it or even destroy it.

Dialog Methods

Method	Purpose
close	Closes the dialog
destroy	Permanently destroys the dialog
isOpen	Checks whether the dialog is opened
moveToTop	Moves the dialog to top of the stack
open	Opens the dialog

Dialog Methods

```
<html>
  <head>
    <meta http-equiv="Content-Type" content="text/html; charset=iso-8859-1" />
    <title>Dialog Demo</title>
    <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">
      $(function() {
        $("#open_dialog").click(
          function() {$("#my_dialog").dialog("open");});
        $("#close_dialog").click(
          function() {$("#my_dialog").dialog("close");});
        $("#destroy_dialog").click(
          function() {$("#my_dialog").dialog("destroy");});
        $("#my_dialog").dialog();
      });
    </script>
  </head>
```


Dialog Methods

```
<body>
  <div id="my_dialog" title="Abelski Dialog Title">
    This is My Dialog developed in jQuery
  </div>
  <button id="open_dialog">Open The Dialog</button>
  <button id="close_dialog">Close The Dialog</button>
  <button id="destroy_dialog">Destroy The Dialog</button>
</body>
</html>
```

Dialog Methods

