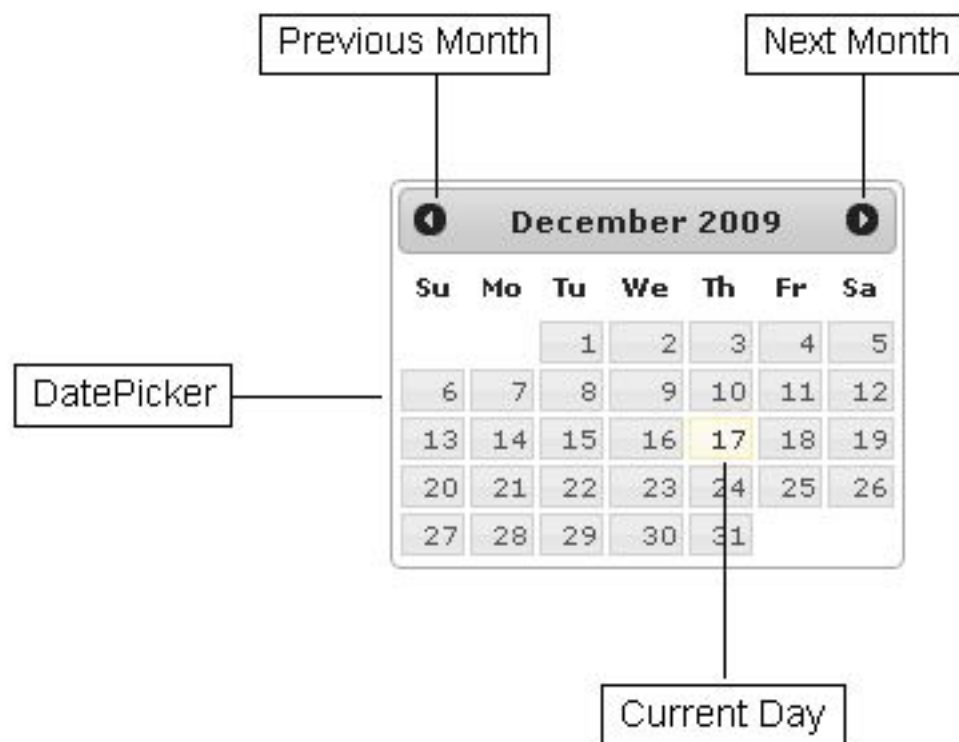


Date Picker

Introduction

- ❖ The date picker is one of the most popular jQuery widgets in use. It is highly configurable and extremely easy to implement.

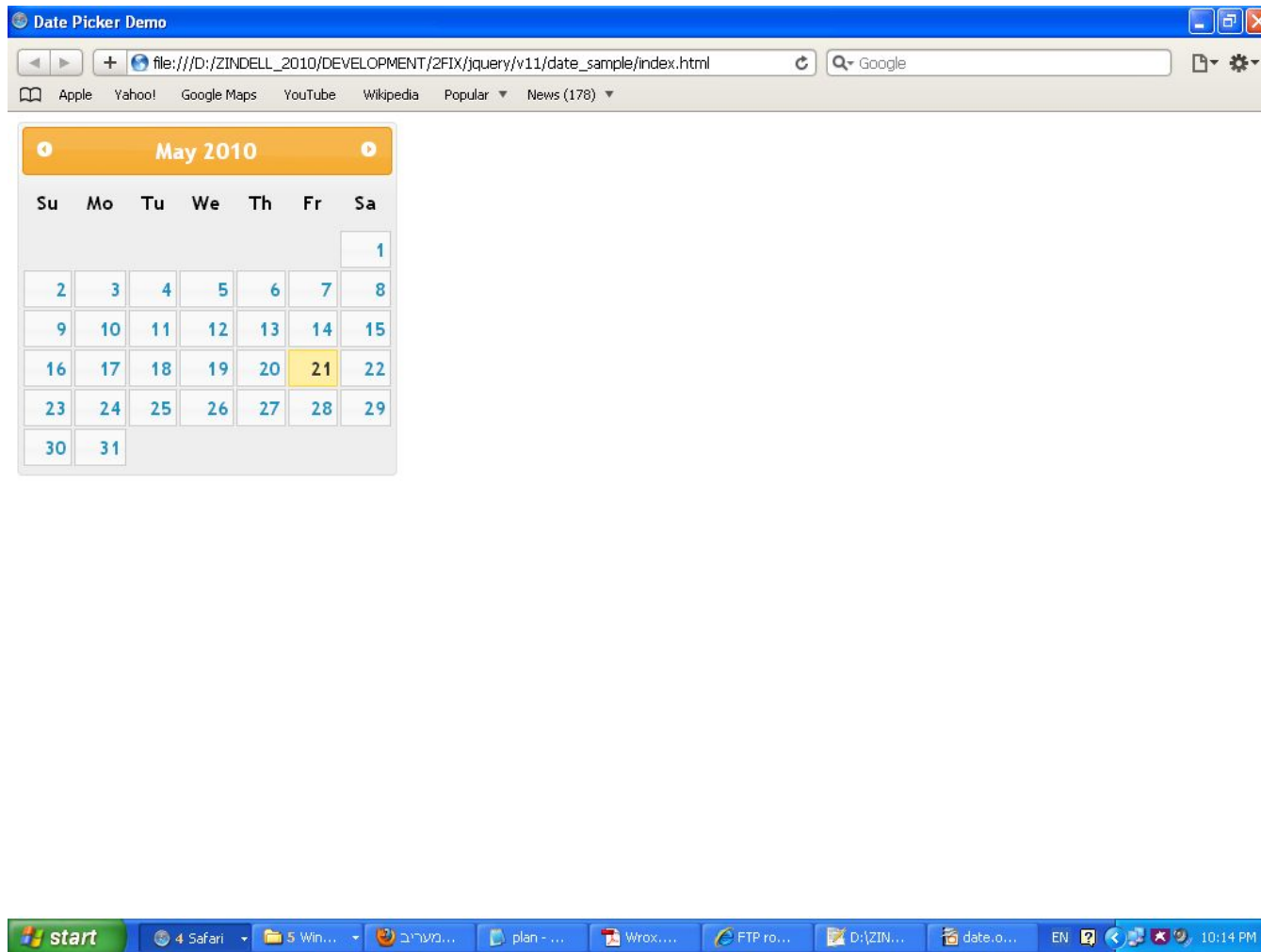
Introduction



Simple Date Picker

```
<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() {
        $('#dateui').datepicker();
      });
    </script>
  </head>
  <body>
    <div id="dateui"></div>
  </body>
</html>
```

Simple Date Picker



Date Picker in Form

- ❖ In order to have the selected date sent over the server as one of our form parameters we should create the Date Picker UI component as part of the form.
- ❖ Having the Date Picker UI component as part of the form can be building the Date Picker UI component on top of the `<input type="text" ...>` element.

Date Picker in Form

❖ We can refer the `<input type='text' id='dtui' ...>` element in the following way.

```
...  
$(function()  
{  
    $('#input#dateui').datepicker();  
});  
...
```

Date Picker in Form

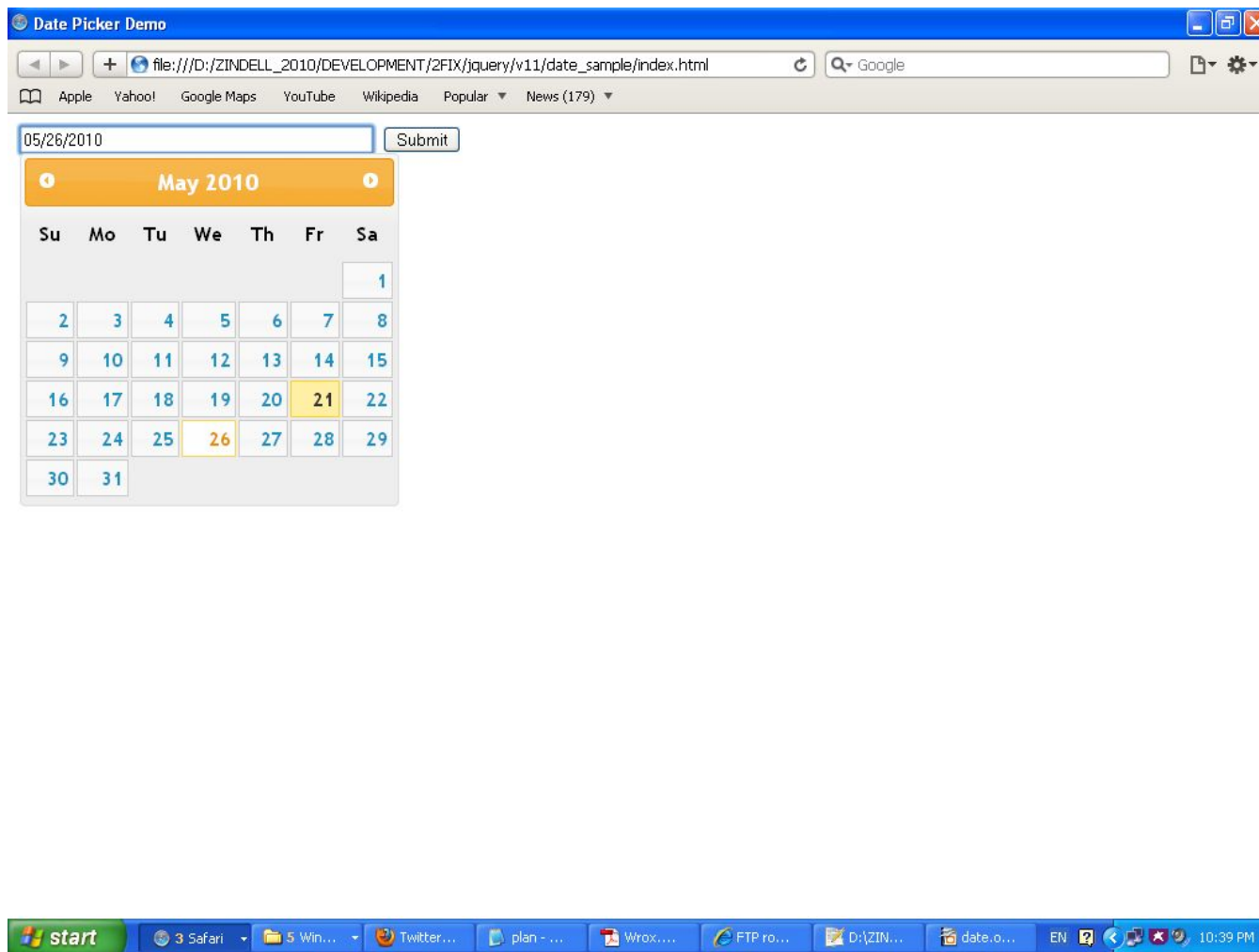
```
<html>

<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() {
      $('#input#dateui').datepicker();
    });
  </script>
</head>

<body>
  <form action=http://www.abelski.com/courses/jquery/dp.php method=post>
    <input type='text' id='dateui' size='40' value='' />
    <input type=submit>
  </form>
</body>

</html>
```


Date Picker in Form



Setting Range of Allowed Dates

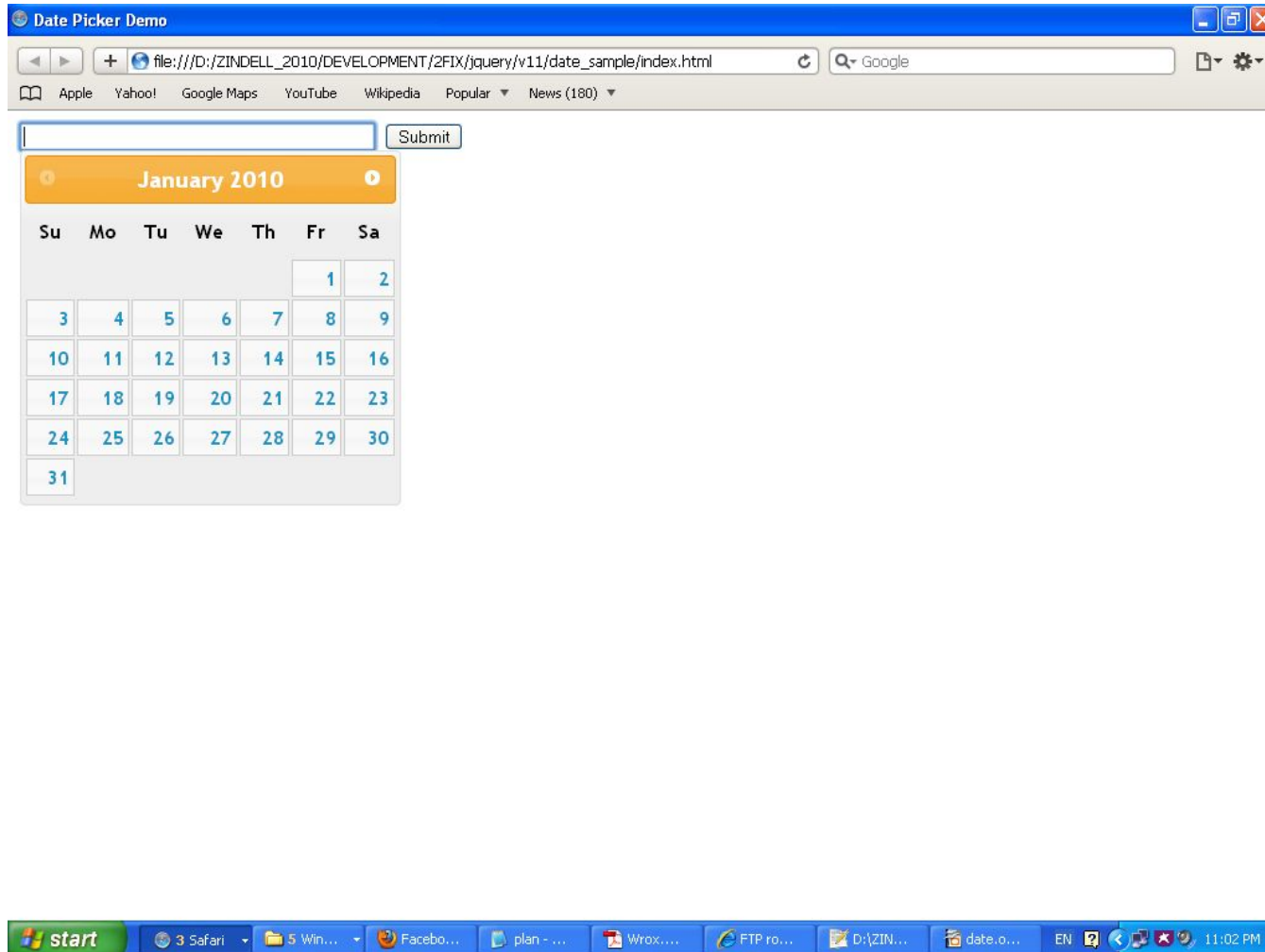
- ❖ We can customize our Date Picker UI component to allow the user entering dates within a specific range only.

```
...
$(function()
{
    $("#input#dateui").datepicker(
        {
            minDate: new Date(2010, 0, 1),
            maxDate: new Date(2010, 11, 31)
        }
    );
});
...
```

Setting Range of Allowed Dates

```
<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() {
        $('#input#dateui').datepicker(
          {
            minDate: new Date(2010, 0, 1),
            maxDate: new Date(2010, 11, 31)
          }
        );
      });
    </script>
  </head>
  <body>
    <form action=http://www.abelski.com/courses/jquery/dp.php method=post>
      <input type='text' id='dateui' size='40' value='' />
      <input type=submit>
    </form>
  </body>
</html>
```

Setting Range of Allowed Dates



Setting Range of Allowed Dates

❖ We can alternatively use the `yearRange` option.

```
...  
$(function()  
{  
    $("input#dateui").datepicker( {yearRange: "-5:+5"} );  
});  
...
```

Using `yearRange` option we can specify the range of year.

```
...  
$(function()  
{  
    $("input#dateui").datepicker( {yearRange: "2000:2010"} );  
});  
...
```

Date Picker Localization

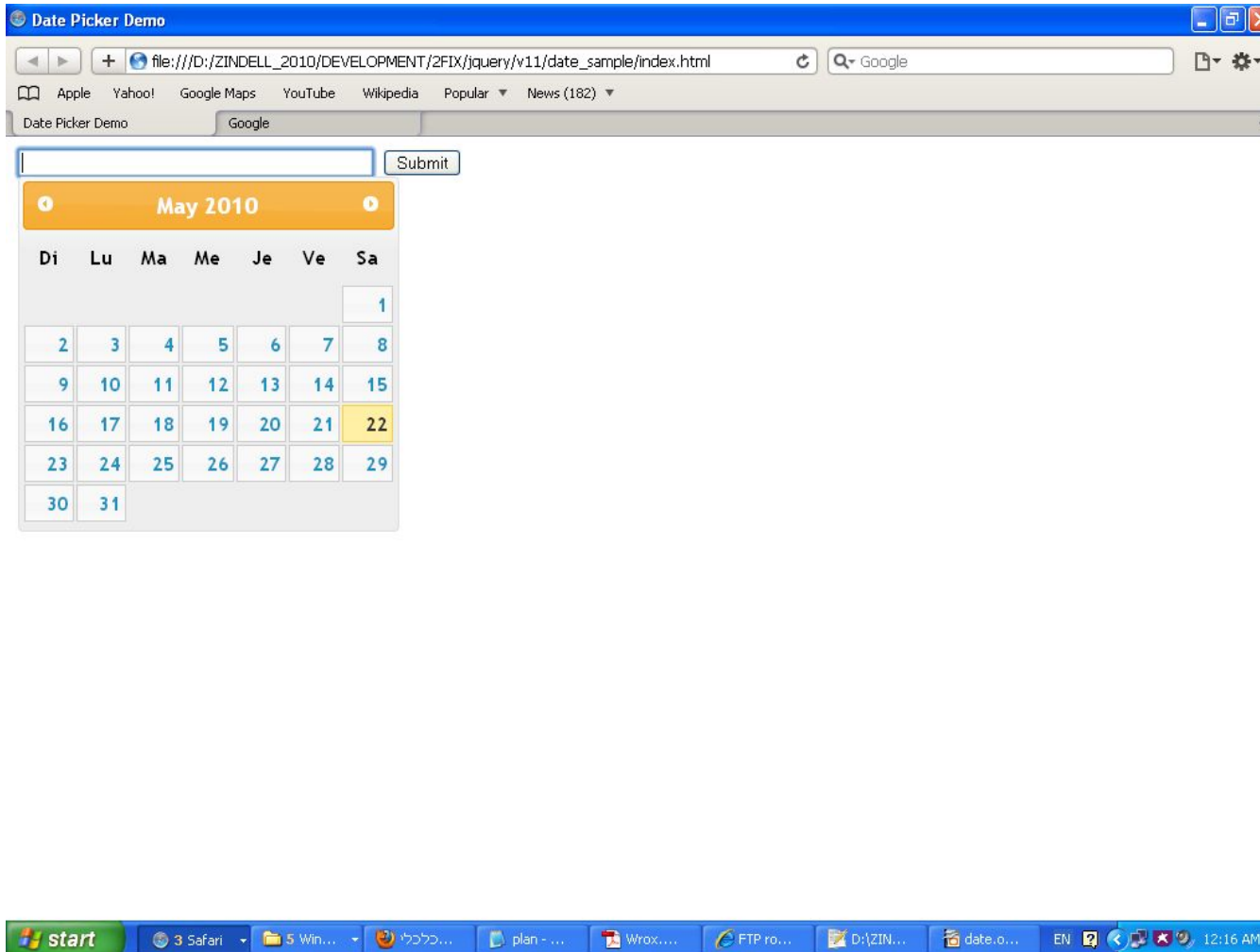
- ❖ We can customize and localize our Date Picker UI component using various options.

```
...  
$(function()  
{  
    $('#input#dateui').datepicker  
    ( { dayNamesMin: ['Di', 'Lu', 'Ma', 'Me', 'Je', 'Ve', 'Sa'] } );  
} );  
...
```

Date Picker Localization

```
<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(){
        $('#input#dateui').datepicker(
          { dayNamesMin: ['Di', 'Lu', 'Ma', 'Me', 'Je', 'Ve', 'Sa'] }
        );
      });
    </script>
  </head>
  <body>
    <form action=http://www.abelski.com/courses/jquery/dp.php method=post>
      <input type='text' id='dateui' size='40' value='' />
      <input type=submit>
    </form>
  </body>
</html>
```

Date Picker Localization



Multiple Months

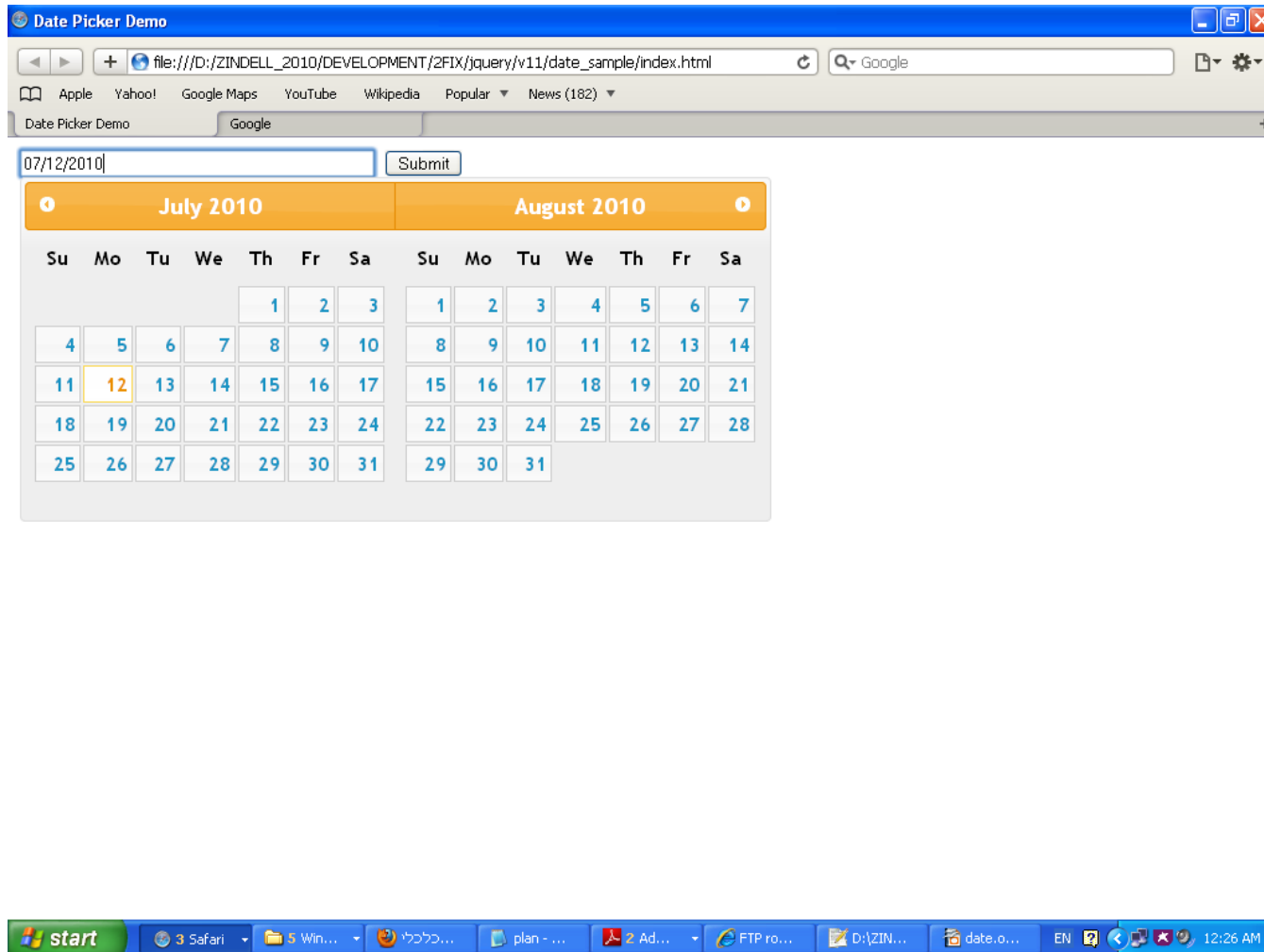
- ❖ We can easily set the number of displayed months and the number of months associated with each step.

```
...  
$(function()  
{  
    $("#input#dateui").datepicker( {numberOfMonths: 2, stepMonths: 2 } );  
});  
...
```

Multiple Months

```
<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(){10
        $('#input#dateui').datepicker(
          { numberOfMonths: 2, stepMonths: 2 }
        );
      });
    </script>
  </head>
  <body>
    <form action=http://www.abelski.com/courses/jquery/dp.php method=post>
      <input type='text' id='dateui' size='40' value='' />
      <input type=submit>
    </form>
  </body>
</html>
```

Multiple Months



Animated Date Picker

- ❖ Various options allow us to customize the animation associated with our Date Picker UI component.

```
...  
$(function()  
{  
    $("input#dateui").datepicker( {  
        showAnim: "drop",  
        showOptions: { direction: "down" }    } );  
});  
...
```

Animated Date Picker

```
<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() {
        $('#input#dateui').datepicker(
          { showAnim: "drop", showOptions: { direction: "down" } }
        );
      });
    </script>
  </head>
  <body>
    <form action=http://www.abelski.com/courses/jquery/dp.php method=post>
      <input type='text' id='dateui' size='40' value='' />
      <input type=submit>
    </form>
  </body>
</html>
```

Animated Date Picker

