

Forms

Introduction

- The jQuery Mobile allows us to create forms through which the user will enter its data.
- The form submission can be handled using ajax. That allows a smooth working flow for the user.

Standard HTML Controls

- When creating a form all elements are created using a standard html control that is enhanced for getting a more attractive look and feel.
- The standard html control in use when creating form's element will do the work on all of those platforms that don't have the required support for CSS and JavaScript.

Form Structure

- The form should be wrapped in a `form` tag that includes the `action` and the `method` attributes.

```
<form action="index.php" method="get">
```

```
...
```

```
</form>
```

The Controls `id` Attributes

- We should set a unique `id` for each one of the controls across all pages because they all share the same DOM.

jQuery Mobile Controllers

- The jQuery Mobile provides us with a different types of controllers. The following sample presents them.

jQuery Mobile Controllers

```
<!DOCTYPE html>

<head>
<title>Page Title</title>
  <link rel="stylesheet" href=
    "http://code.jquery.com/mobile/1.3.1/jquery.mobile-1.3.1.min.css" />
  <script src="http://code.jquery.com/jquery-1.9.1.min.js"></script>
  <script src="http://code.jquery.com/mobile/1.3.1/jquery.mobile-1.3.1.min.js">
  </script>
</head>

<body>
<div data-role="page" id="home">
<div data-role="header" data-position="fixed">
<h1>home title</h1>
</div>
```



jQuery Mobile Controllers

```
<div data-role="content">

<div data-role="fieldcontain">
  <label for="name">Text Field:</label>
  <input type="text" name="tf" id="tf" value="" />
</div>

<div data-role="fieldcontain">
  <label for="textarea">Text Area:</label>
  <textarea cols="40" rows="8" name="area" id="area"></textarea>
</div>

<div data-role="fieldcontain">
  <label for="search">Search Input:</label>
  <input type="search" name="password" id="search" value="" />
</div>

<div data-role="fieldcontain">
  <label for="flipper">Flip Switch:</label>
  <select name="flipper" id="flipper" data-role="slider">
    <option value="off">Off</option>
    <option value="on">On</option>
  </select>
</div>
```


jQuery Mobile Controllers

```
<div data-role="fieldcontain">  
  <label for="slider">Slider:</label>  
  <input type="range" name="slider" id="slider" value="0" min="0" max="100" />  
</div>
```

```
<div data-role="fieldcontain">  
  <fieldset data-role="controlgroup" data-type="horizontal">  
    <legend>Checkboxes:</legend>  
    <input type="checkbox" name="chox1" id="chox1" class="custom" />  
    <label for="chox1">Blue</label>  
    <input type="checkbox" name="chox2" id="chox2" class="custom" />  
    <label for="chox2">Yellow</label>  
    <input type="checkbox" name="chox3" id="chox3" class="custom" />  
    <label for="chox3">Red</label>  
  </fieldset>  
</div>
```

jQuery Mobile Controllers

```
<div data-role="fieldcontain" data-type="horizontal">
  <fieldset data-role="controlgroup">
    <legend>Choose Color:</legend>
    <input type="radio" name="radio-choice-1" id="radio-choice-1"
value="choice-1" checked="checked" />
    <label for="radio-choice-1">Red</label>
    <input type="radio" name="radio-choice-1" id="radio-choice-2"
value="choice-2" />
    <label for="radio-choice-2">Orange</label>
    <input type="radio" name="radio-choice-1" id="radio-choice-3"
value="choice-3" />
    <label for="radio-choice-3">Green</label>
  </fieldset>
</div>
```

jQuery Mobile Controllers

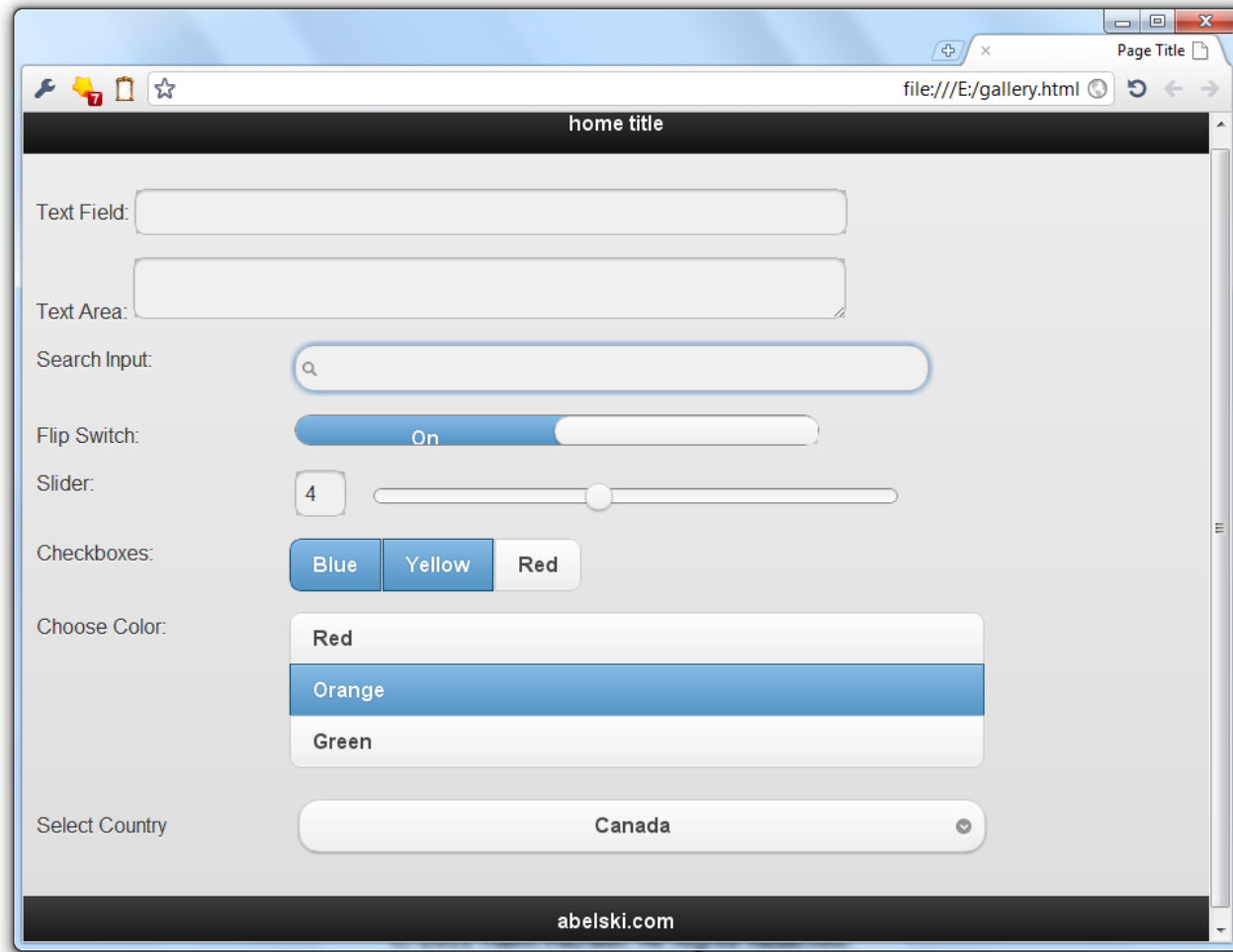
```
<div data-role="fieldcontain">
  <label for="select-choice-1" class="select">Select Country</label>
  <select name="select-choice-1" id="select-choice-1">
    <option value="standard">Israel</option>
    <option value="rush">Lebanon</option>
    <option value="express">Canada</option>
    <option value="overnight">Russia</option>
  </select>
</div>

</div>

<div data-role="footer" data-position="fixed">
  <h3>abelski.com</h3>
</div>
</div>
</div>

</body>
```

jQuery Mobile Controllers



Text Input Type

- When creating a text field we can set its type using the type attribute. The keyboard the user will see is according to the text field type.

<http://jquerymobile.com/demos/1.2.0/docs/forms/textinputs>

Text Input Type

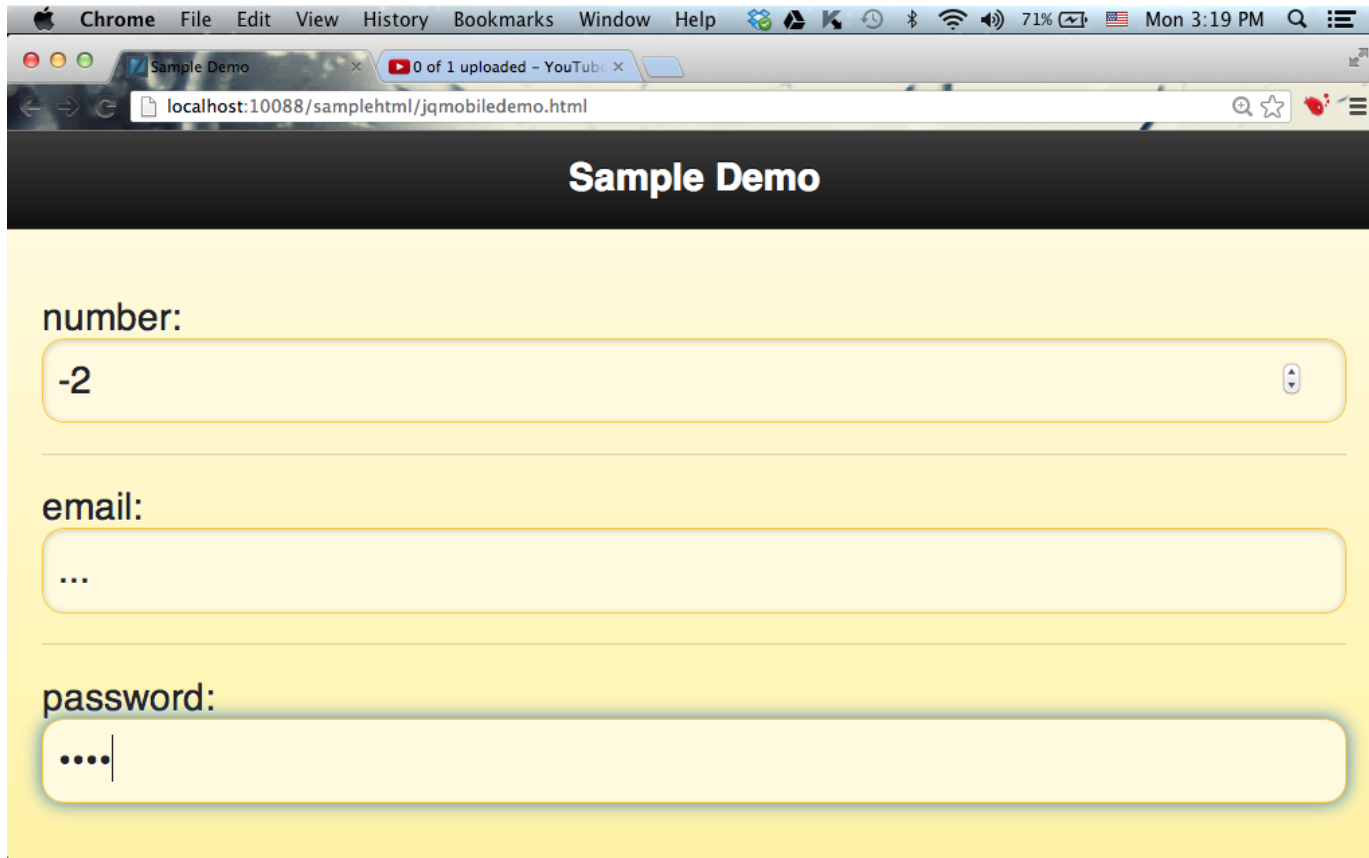
```
<!DOCTYPE html>
<html>
<head>
  <title>My Cycling</title>
  <link rel="stylesheet" href=
    "http://code.jquery.com/mobile/1.3.1/jquery.mobile-1.3.1.min.css" />
  <script src="http://code.jquery.com/jquery-1.9.1.min.js"></script>
  <script src=
    "http://code.jquery.com/mobile/1.3.1/jquery.mobile-1.3.1.min.js">
  </script>
</head>
<body>
<div data-role="page" id="home" data-theme="e">
  <div data-role="header">
    <h1>Sample Demo</h1>
  </div>
```



Text Input Type

```
<div data-role="content" data-theme="e">
  <div data-role="fieldcontain">
    <label for="name">number:</label>
    <input type="number" name="tf1" id="tf1" value="..." />
  </div>
  <div data-role="fieldcontain">
    <label for="name">email:</label>
    <input type="email" name="tf2" id="tf2" value="..." />
  </div>
  <div data-role="fieldcontain">
    <label for="name">password:</label>
    <input type="password" name="tf2" id="tf2" value="..." />
  </div>
</div>
<div data-role="footer">
  <h4>www.lifemichael.com</h4>
</div>
</div>
</body>
</html>
```

Text Input Type



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Sample Demo 0 of 1 uploaded - YouTube

localhost:10088/samplehtml/jqmobiledemo.html

Sample Demo

number:

email:

password: