

Mobile Hybrid Applications



www.LifeMichael.com



Introduction

What is jQuery Mobile?

- The JQuery Mobile is a Java Script library that allows us to create a unified user interface that works across most smartphone web browsers and tablets.
- The JQuery Mobile library uses the well known JQuery library.
- More info about jQuery Mobile can be found at www.jquerymobile.com

Clean Semantic HTML

- The jQuery Mobile is built on top of a simple usage of clean semantic HTML.
- When the web browser supports CSS and JavaScript, jQueryMobile applies progressive enhancements techniques that transform the semantic page into a rich interactive user interface.

Accessibility

- The jQuery Mobile supports various accessibility specification such as WAI-ARIA in order to provide the required support for screen readers as well as other assistive technologies.
- You can find more info about WAI-ARIA specification as well as about WAI (web accessibility initiative) at <http://www.w3.org/WAI/intro/aria.php>

The jQuery Library

- The jQuery Mobile is built on top of the jQuery library. If you are already familiar with the jQuery library you will enjoy a friendly learning curve.

Mobile Platforms

- The jQuery Mobile is compatible with most mobile platforms.
- The support for devices that understand HTML only sets an even broader baseline support.



bada



palm webOS

MeeGo™



Windows® phone

symbian

Mobile Web Browsers

- The jQuery Mobile is compatible with many of today available web browsers for mobile telephones.



Lightweight

- The jQuery Mobile library is known for its unique lightweight. Its weight is around 10-20k.

HTML 5

- The jQuery Mobile utilizes HTML 5 capabilities. Using jQuery Mobile we indirectly exploit the power of HTML 5.

User Events

- The jQuery Mobile library supports new events relevant for mobile platforms, such as touching and dragging.

Theme Framework

- We can create our own theme or use one of the many themes that were already created.

Hello World

```
<!DOCTYPE html>
<html>
<head>
  <title>Page Title</title>
  <link    rel="stylesheet"
          href="http://code.jquery.com/mobile/1.0a3/jquery.mobile-1.0a3.min.css" />
  <script type="text/javascript"
          src="http://code.jquery.com/jquery-1.5.min.js"></script>
  <script type="text/javascript"
          src="http://code.jquery.com/mobile/1.0a3/jquery.mobile-1.0a3.min.js">
</script>
</head>
<body>

  <div data-role="page">

    <div data-role="header">
      <h1>Hello Title</h1>
    </div><!-- /header -->
```



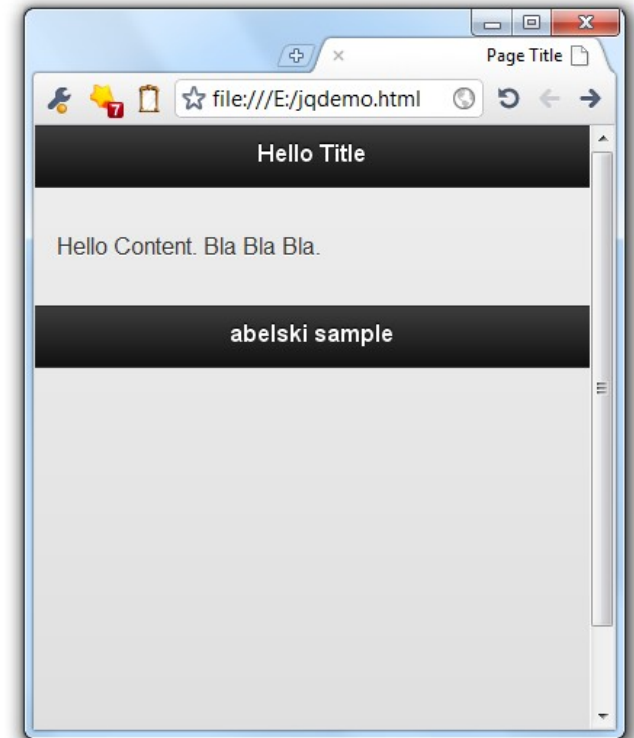
Hello World

```
<div data-role="content">
  <p>Hello Content. Bla Bla Bla. </p>
</div><!-- /content -->

<div data-role="footer">
  <h4>abelski sample</h4>
</div><!-- /footer -->

</div>

</body>
</html>
```



Pages

Introduction

- The jQuery Mobile library includes automatic ajax based pages loading mechanism.
- The ajax based pages loading mechanism supports backward and forward navigation, allows us to set various animated page transitions and allows us to display a page as a dialog window.

Multiple Pages

- We can use the jQuery Mobile library either for creating single page web site or for creating local internal linked pages within one HTML page.

The HTML 5 Doctype Declaration

- The HTML page must start with the HTML 5 doctype in order to take full advantage of the the jQuery Mobile framework.

```
<!DOCTYPE html>
```

The head Element

- The head element must include references to the jQuery and the jQuery Mobile java script files as well as to the mobile theme CSS in use.

```
<head>
<title>Page Title</title>
<link    rel="stylesheet"
        href="http://code.jquery.com/mobile/1.0a3/jquery.mobile-1.0a3.min.css" />
<script  type="text/javascript" src="http://code.jquery.com/jquery-1.5.min.js">
</script>
<script  type="text/javascript"
        src="http://code.jquery.com/mobile/1.0a3/jquery.mobile-1.0a3.min.js">
</script>
</head>
```

The `body` Element

- Inside the `body` element we should place a separated `div` element together with the `data-role="page"` attribute for each one of the pages.
- Within each and every `div` element (page container) we will place other `div` elements (children) with the header, content and footer data-roles.

The body Element

```
<body>
  <div data-role="page">
    <div data-role="header">
      <h1>Hello Title</h1>
    </div>
    <div data-role="content">
      <p>Hello Content. Bla Bla Bla. </p>
    </div>
    <div data-role="footer">
      <h4>abelski sample</h4>
    </div>
  </div>
</body>
```

the `<body>` element can include multiple pages

External Links

- In many cases, when the user clicks a link that point at an external page the jQuery Mobile framework will parse the link address and initiate an ajax request for displaying that external page.
- During the loading of the external page the user will get to see a loading spinner.
- If the loading succeeds then the external page will be added to the DOM and will be animated as if it was another page.

Internal Links

- Single HTML document can contain multiple pages loaded together by stacking multiple divs with the `data-role="page"` attribute.
- Each of the page divs should include a unique ID (e.g. `id="home"`). These IDs will be used to link between the pages.

Internal Links

```
<!DOCTYPE html>
<html>
  <head>
    <title>Multiple Pages Application</title>
    <link rel="stylesheet"
href="http://code.jquery.com/mobile/1.0a3/jquery.mobile-
1.0a3.min.css" />
    <script type="text/javascript"
src="http://code.jquery.com/jquery-1.5.min.js"></script>
    <script type="text/javascript"
src="http://code.jquery.com/mobile/1.0a3/jquery.mobile-
1.0a3.min.js"></script>
  </head>
  <body>
```



Internal Links

```
<div data-role="page" id="home">
  <div data-role="header">
    <h1>home title</h1>
  </div><!-- /header -->
  <div data-role="content">
    <p>This is the home page...</p>
    <p><a href="#about">about</a></p>
    <p><a href="#help">help</a></p>
  </div><!-- /content -->
  <div data-role="footer">
    <h4>home footer</h4>
  </div><!-- /footer -->
</div>
```

Internal Links

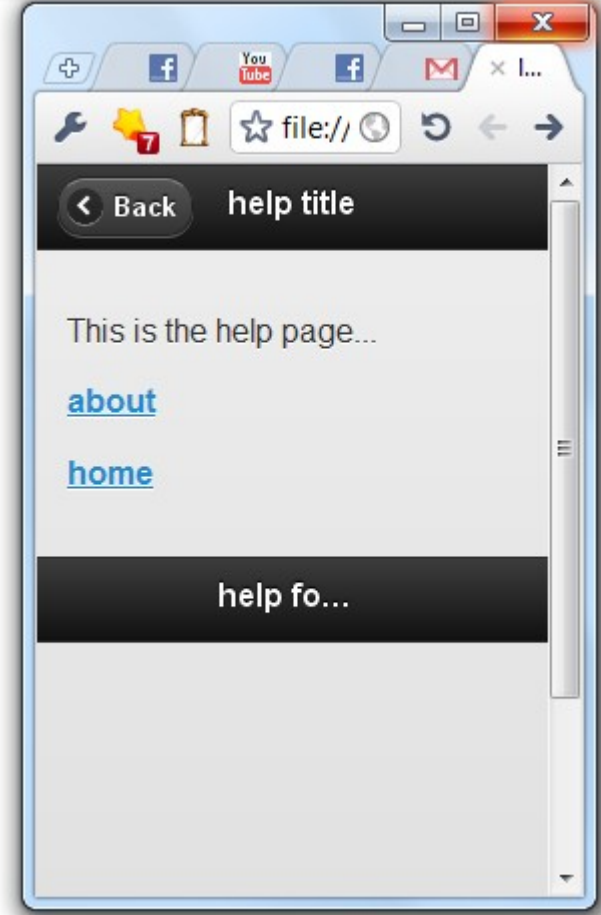
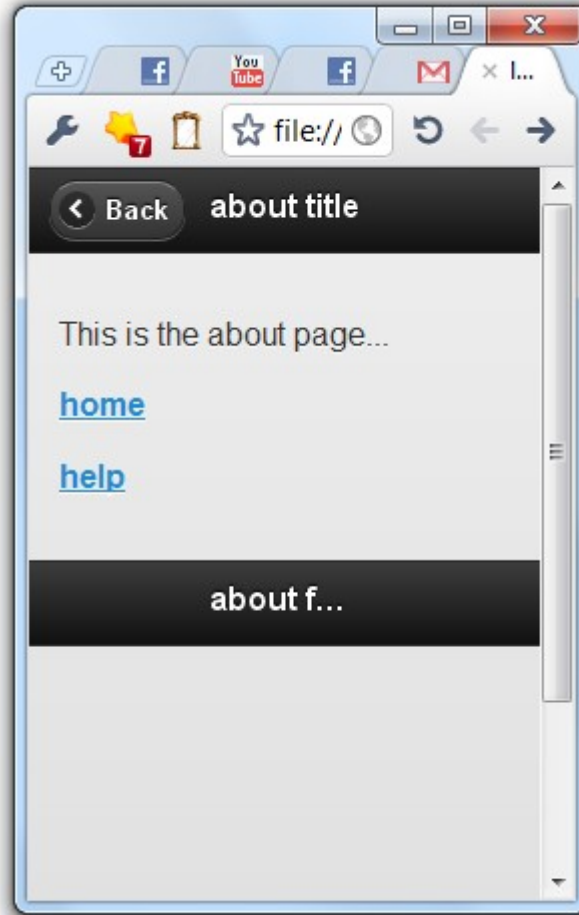
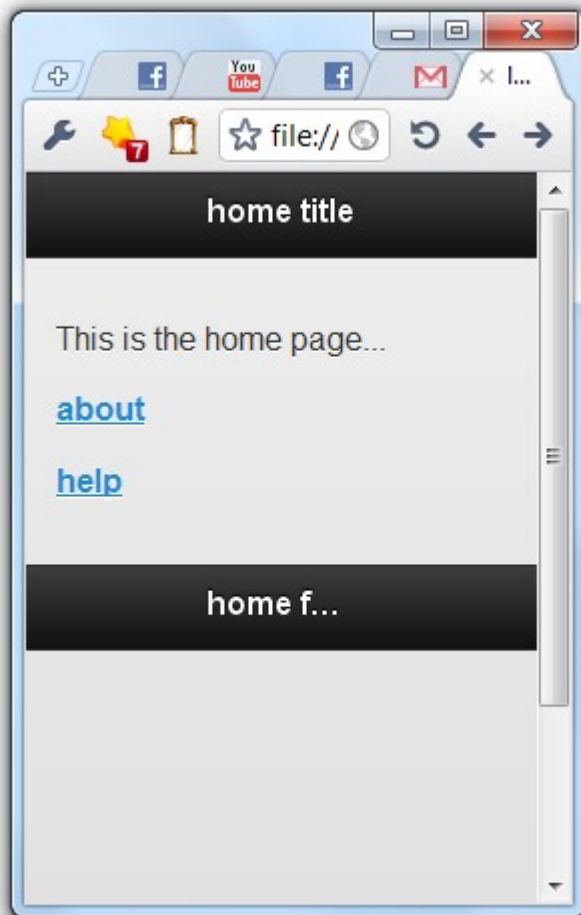
```
<div data-role="page" id="about">
  <div data-role="header">
    <h1>about title</h1>
  </div><!-- /header -->
  <div data-role="content">
    <p>This is the about page...</p>
    <p><a href="#home">home</a></p>
    <p><a href="#help">help</a></p>
  </div><!-- /content -->
  <div data-role="footer">
    <h4>about footer</h4>
  </div><!-- /footer -->
</div>
```

Internal Links

```
<div data-role="page" id="help">
  <div data-role="header">
    <h1>help title</h1>
  </div><!-- /header -->
  <div data-role="content">
    <p>This is the help page...</p>
    <p><a href="#about">about</a></p>
    <p><a href="#home">home</a></p>
  </div><!-- /content -->
  <div data-role="footer">
    <h4>help footer</h4>
  </div><!-- /footer -->
</div>

</body>
```

Internal Links



Back Linking

- If we place `data-rel="back"` on an anchor it will function as a back button.

Back Linking

```
<!DOCTYPE html>
<html>
  <head>
    <title>Multiple Pages Application</title>
    <link rel="stylesheet"
href="http://code.jquery.com/mobile/1.0a3/jquery.mobile-
1.0a3.min.css" />
    <script type="text/javascript"
src="http://code.jquery.com/jquery-1.5.min.js"></script>
    <script type="text/javascript"
src="http://code.jquery.com/mobile/1.0a3/jquery.mobile-
1.0a3.min.js"></script>
  </head>
<body>
```



Back Linking

```
<div data-role="page" id="home">
  <div data-role="header">
    <h1>home title</h1>
  </div><!-- /header -->
  <div data-role="content">
    <p>This is the home page...</p>
    <p><a href="#about">about</a></p>
    <p><a href="#help">help</a></p>
  </div><!-- /content -->
  <div data-role="footer">
    <h4>home footer</h4>
  </div><!-- /footer -->
</div>
```


Back Linking

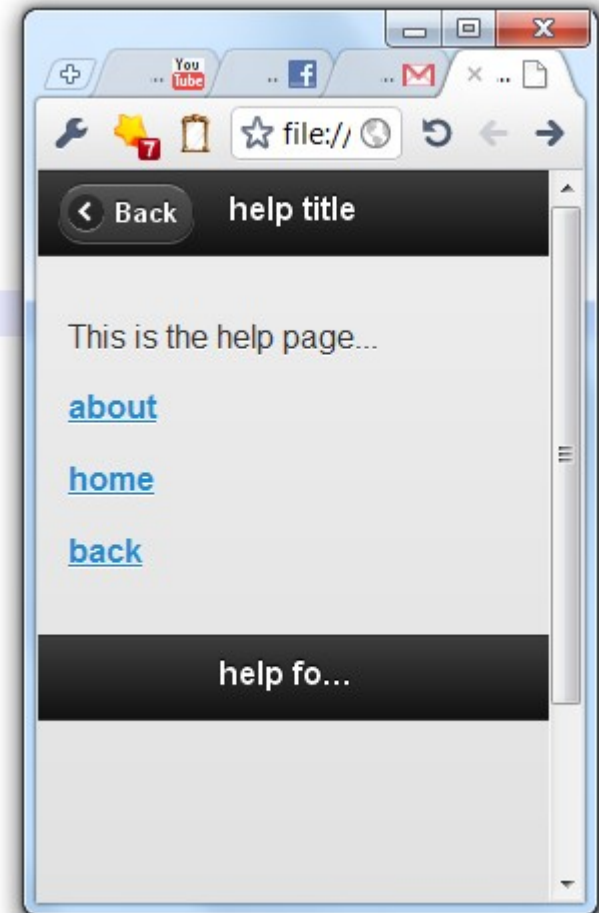
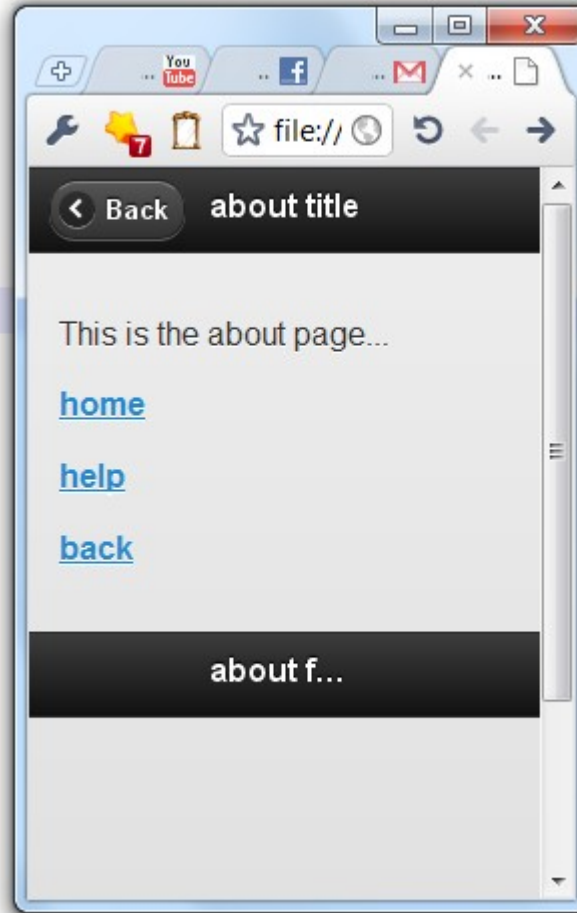
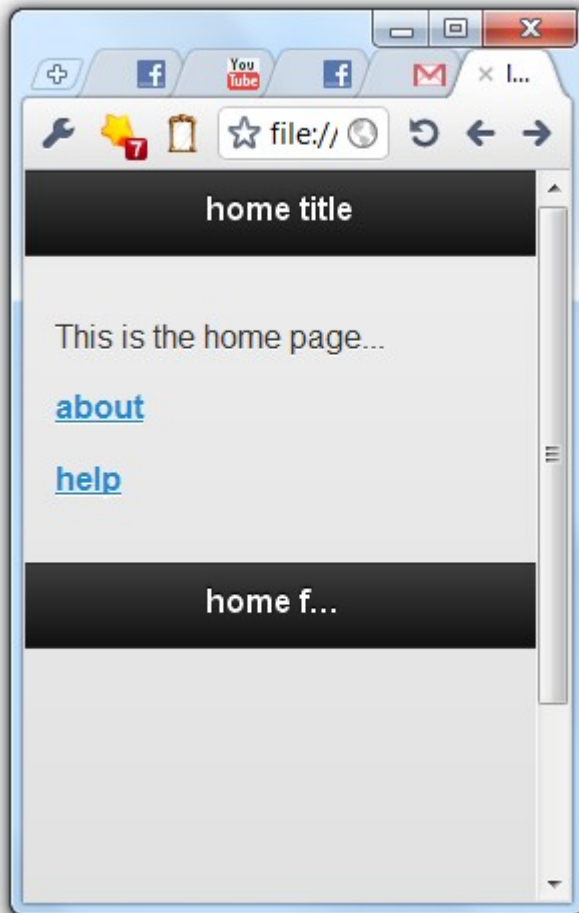
```
<div data-role="page" id="about">
  <div data-role="header">
    <h1>about title</h1>
  </div><!-- /header -->
  <div data-role="content">
    <p>This is the about page...</p>
    <p><a href="#home">home</a></p>
    <p><a href="#help">help</a></p>
    <p><a href="" data-rel="back">back</a></p>
  </div><!-- /content -->
  <div data-role="footer">
    <h4>about footer</h4>
  </div><!-- /footer -->
</div>
```

Back Linking

```
<div data-role="page" id="help">
  <div data-role="header">
    <h1>help title</h1>
  </div><!-- /header -->
  <div data-role="content">
    <p>This is the help page...</p>
    <p><a href="#about">about</a></p>
    <p><a href="#home">home</a></p>
    <p><a href="" data-rel="back">back</a></p>
  </div><!-- /content -->
  <div data-role="footer">
    <h4>help footer</h4>
  </div><!-- /footer -->
</div>

</body>
```

Back Linking



Page Transition

- We can select the page transition effect out of six possible effects. The default page transition is right to left slide.
- In order to set a custom transition effect we should add the `data-transition` attribute to our link with one of the following possible values: `slide`, `slideup`, `slidedown`, `pop`, `fade` or `flip`.

Page Transition

```
<!DOCTYPE html>
<html>
  <head>
    <title>Transitions</title>
    <link    rel="stylesheet"
           href=
           "http://code.jquery.com/mobile/1.0a3/jquery.mobile-1.0a3.min.css" />
    <script type="text/javascript"
           src="http://code.jquery.com/jquery-1.5.min.js">
    </script>
    <script type="text/javascript"
           src="http://code.jquery.com/mobile/1.0a3/jquery.mobile-1.0a3.min.js">
    </script>
  </head>
  <body>
```



Page Transition

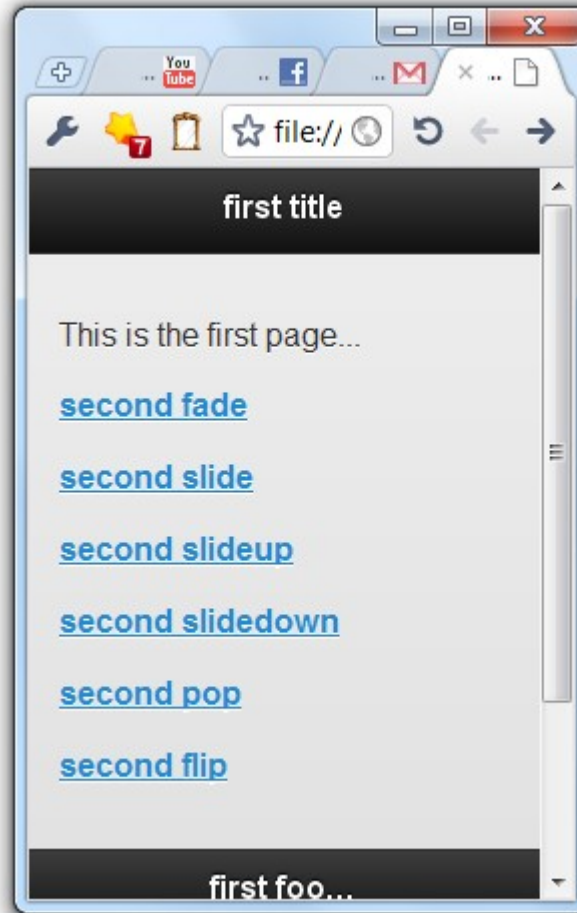
```
<div data-role="page" id="first">
  <div data-role="header">
    <h1>first title</h1>
  </div><!-- /header -->
  <div data-role="content">
    <p>This is the first page...</p>
    <p><a href="#second" data-transition="fade">second fade</a></p>
    <p><a href="#second" data-transition="slide">second slide</a></p>
    <p><a href="#second" data-transition="slideup">second slideup</a></p>
    <p><a href="#second" data-transition="slidedown">second slidedown</a></p>
    <p><a href="#second" data-transition="pop">second pop</a></p>
    <p><a href="#second" data-transition="flip">second flip</a></p>
  </div><!-- /content -->
  <div data-role="footer">
    <h4>first footer</h4>
  </div><!-- /footer -->
</div>
```

Page Transition

```
<div data-role="page" id="second">
  <div data-role="header">
    <h1>second title</h1>
  </div><!-- /header -->
  <div data-role="content">
    <p>This is the second page...</p>
    <p><a href="#first">first</a></p>
  </div><!-- /content -->
  <div data-role="footer">
    <h4>second footer</h4>
  </div><!-- /footer -->
</div>

</body>
</html>
```

Page Transition



Email Links

- Placing "mailto:____@____.____" as the value of href will create a link that initiates the email sending application.

```
<a href="mailto:haim.michael@gmail.com">send email</a>
```

- We can even specify the cc, bcc, subject and the body.

```
<a href="mailto:haim@gmail.com?  
cc=dave@abc.com&bcc=jane@yahoo.com&subject=Happy  
%20Birthday&body=I%20with%20the%20Best!">send email</a>
```

Phone Links

- Placing "tel: _____" as the value of href will create a link that initiates the phone dialer application.

```
<a href="tel:972546655837">call email</a>
```

Themes

Introduction

- Similarly to the jQuery UI, the jQuery Mobile includes a themes system that allows us to set a theme that sets the look and feel of the application we develop.

CSS3

- The jQuery Mobile theming system uses CSS3 properties that allow each and every theme to be especially lightweight and without image files.

The data-theme Attribute

- In order to apply a specific theme for a specific page we should add the `data-theme` attribute to the div element that was assigned with the `data-role="page"` attribute.
- Each theme includes multiple color swatches. The default theme includes 5 swatches, named with the 'a', 'b', 'c', 'd' and 'e' letters. We use the `data-theme` attribute for specifying which swatch do we want to use.

The data-theme Attribute

```
<!DOCTYPE html>
<html>

<head>
  <meta charset="utf-8" />
  <title>Themes Demo</title>
  <link rel="stylesheet"
        href=
"http://code.jquery.com/mobile/1.0a3/jquery.mobile-1.0a3.min.css" />
  <script type=
    "text/javascript" src="http://code.jquery.com/jquery-1.5.min.js">
  </script>
  <script type="text/javascript"
    src=
    "http://code.jquery.com/mobile/1.0a3/jquery.mobile-1.0a3.min.js">
  </script>
</head>
```

The data-theme Attribute

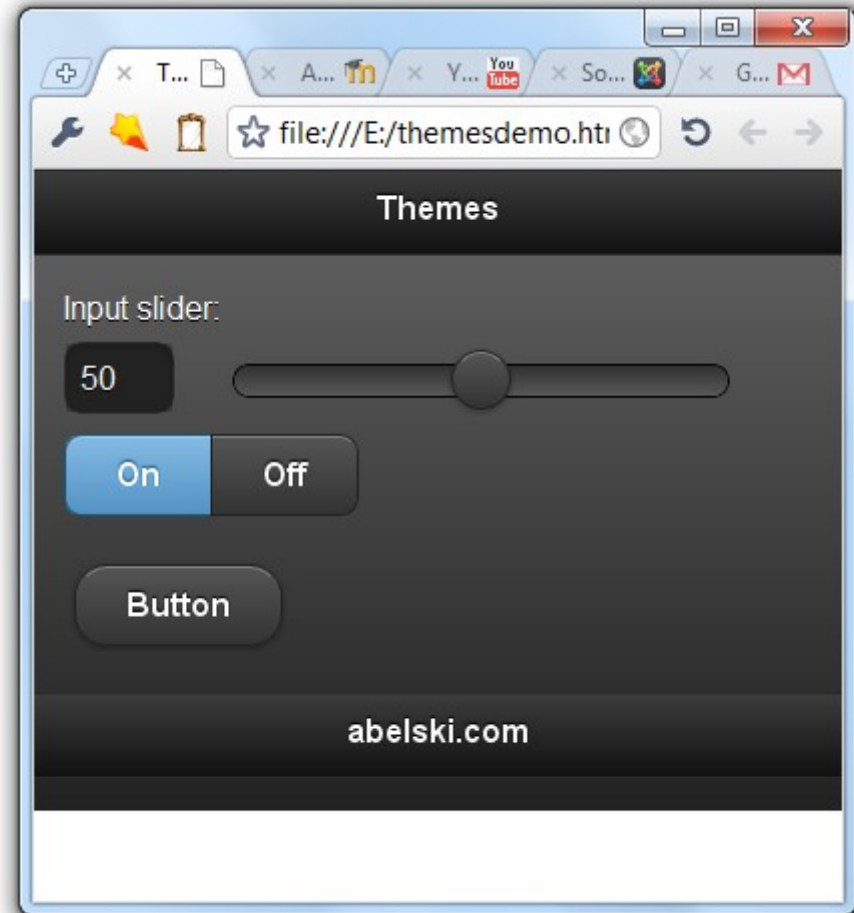
```
<body>
  <div data-role="page" data-theme="a">

    <div data-role="header">
      <h1>Themes</h1>
    </div>

    <div data-role="content">
      <label for="slider1">Input slider:</label>
      <input type="range" name="slider1" id="slider1" value="50"
        min="0" max="100" />
      <fieldset data-role="controlgroup" data-type="horizontal"
        data-role="fieldcontain">
        <input type="radio" name="radio-choice-a1" id="radio-choice-a1"
          value="on" checked="checked" />
        <label for="radio-choice-a1">On</label>
        <input type="radio" name="radio-choice-a1" id="radio-choice-b1"
          value="off" />
        <label for="radio-choice-b1">Off</label>
      </fieldset>
      <a href="#" data-role="button" data-inline="true">Button</a>
    </div>
  </div>
</body>
```


The data-theme Attribute

```
<div data-role="footer">  
  <h3>abelski.com</h3>  
</div>  
</div>  
</body>  
</html>
```



Theme Structure

- The important settings in each theme include the font family, the drop shadows for overlays and the radius to be used for creating the buttons and the boxes corners

Dialogs

Introduction

- We can display each page as a modal dialog. When creating a page we can display it either as a simple page or as a dialog.

The `data-rel="dialog"` Attribute

- We can open each and every page as a modal dialog by adding the `data-rel="dialog"` attribute within a page anchor link.
- The jQuery Mobile framework takes care after adding the required styles for getting rounded corners, proper margins and a dark background that covers the page on which the dialog is displayed.

```
<a href="about.html" data-rel="dialog">Open dialog</a>
```

The data-rel="dialog" Attribute

```
<!DOCTYPE html>

<head>
<title>Page Title</title>
<link rel="stylesheet"
      href=
        "http://code.jquery.com/mobile/1.0a3/jquery.mobile-1.0a3.min.css" />
<script type="text/javascript"
        src="http://code.jquery.com/jquery-1.5.min.js">
</script>
<script type="text/javascript"
        src="http://code.jquery.com/mobile/1.0a3/jquery.mobile-1.0a3.min.js">
</script>
</head>
```



The data-rel="dialog" Attribute

```
<body>

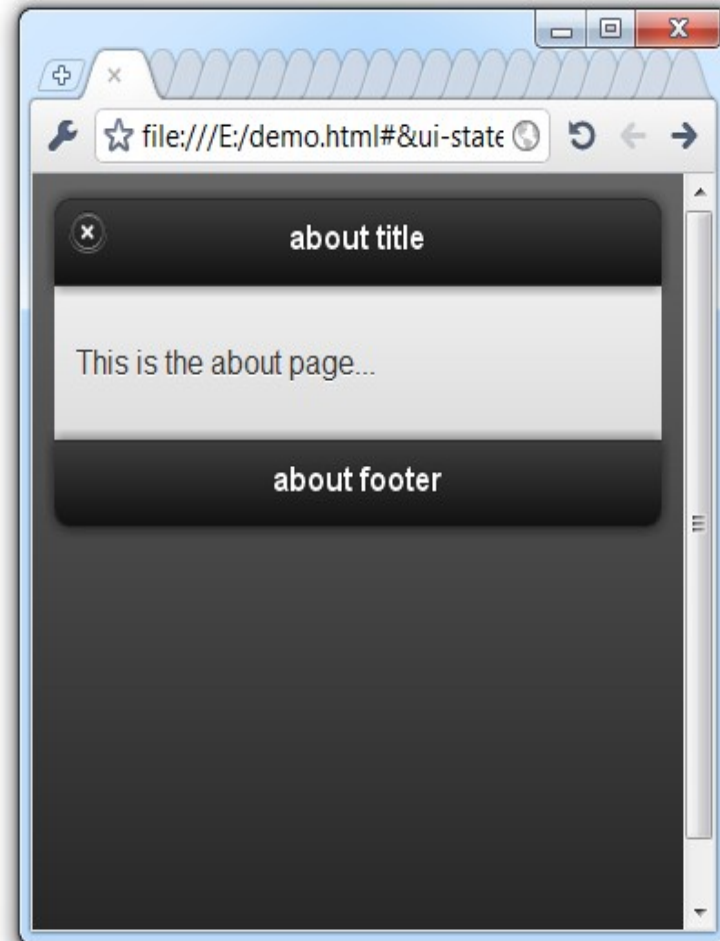
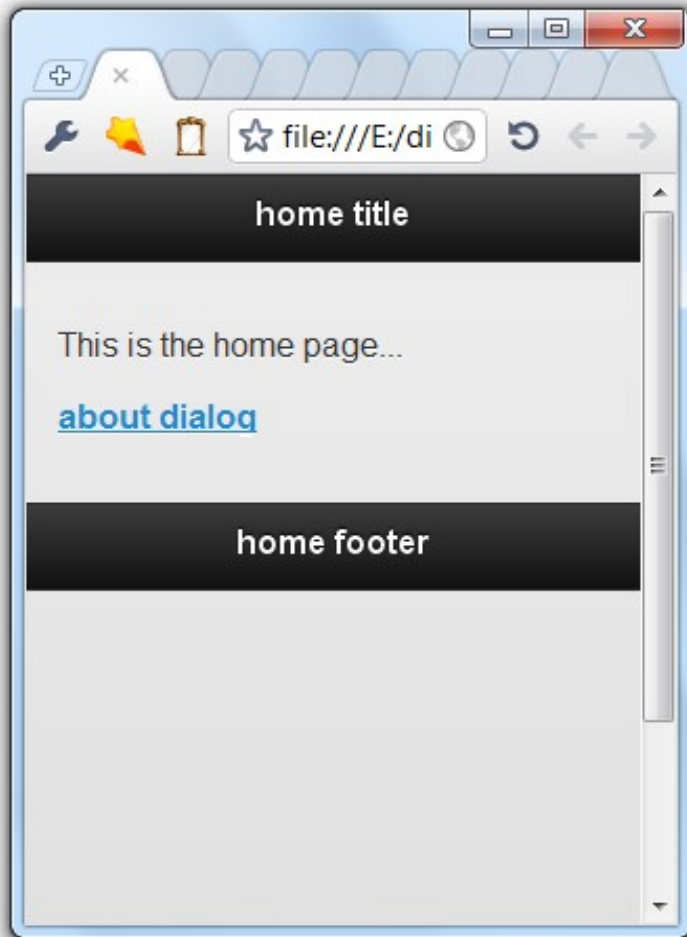
  <div data-role="page" id="home">
    <div data-role="header">
      <h1>home title</h1>
    </div>
    <div data-role="content">
      <p>This is the home page...</p>
      <p><a href="#about" data-rel="dialog">about dialog</a></p>
    </div>
    <div data-role="footer">
      <h4>home footer</h4>
    </div>
  </div>
```

The data-rel="dialog" Attribute

```
<div data-role="page" id="about">
  <div data-role="header">
    <h1>about title</h1>
  </div>
  <div data-role="content">
    <p>This is the about page...</p>
  </div>
  <div data-role="footer">
    <h4>about footer</h4>
  </div>
</div>

</body>
```


The data-rel="dialog" Attribute



Dialog Transition

- Given that each and every dialog is actually a page we can open our dialog with a transition we set out of the same possibilities we have when setting a transition for a page.
- Setting the "pop", "slideup" or "flip" transition we makes the dialog look more like a dialog.

```
<a href="about.html" data-rel="dialog" data-transition="pop">open</a>
```

Dialog Transition

```
<!DOCTYPE html>

<head>
<title>Page Title</title>
<link rel="stylesheet"
      href=
        "http://code.jquery.com/mobile/1.0a3/jquery.mobile-1.0a3.min.css" />
<script type="text/javascript"
        src="http://code.jquery.com/jquery-1.5.min.js">
</script>
<script type="text/javascript"
        src="http://code.jquery.com/mobile/1.0a3/jquery.mobile-1.0a3.min.js">
</script>
</head>
```



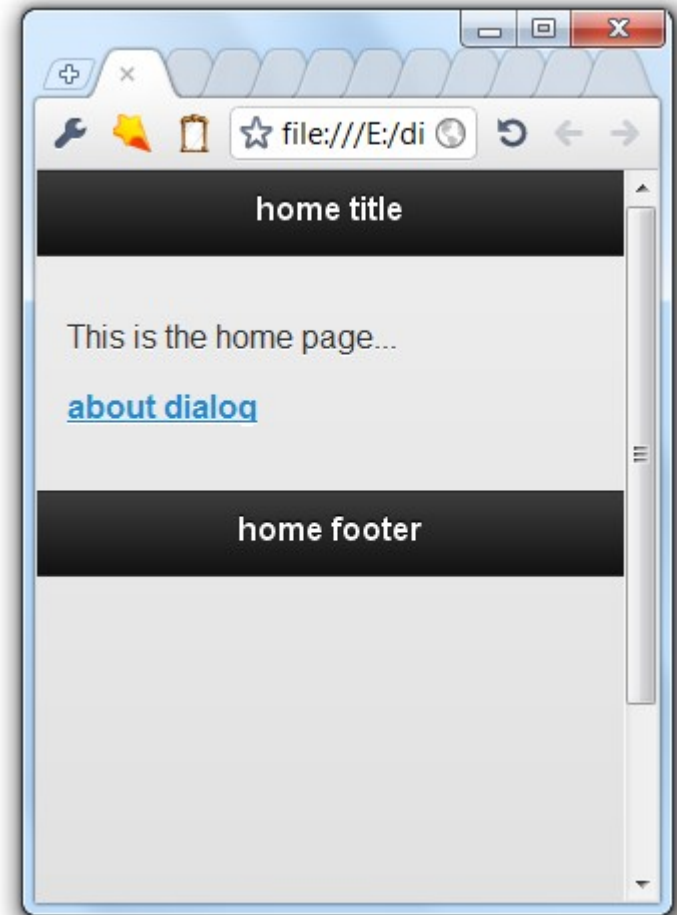
Dialog Transition

```
<body>

  <div data-role="page" id="home">
    <div data-role="header">
      <h1>home title</h1>
    </div>
    <div data-role="content">
      <p>This is the home page...</p>
      <p><a href="#about" data-transition="pop"
        data-rel="dialog">about dialog</a></p>
    </div>
    <div data-role="footer">
      <h4>home footer</h4>
    </div>
  </div>
```

Dialog Transition

```
<div data-role="page" id="about">
  <div data-role="header">
    <h1>about title</h1>
  </div>
  <div data-role="content">
    <p>This is the about page...</p>
  </div>
  <div data-role="footer">
    <h4>about footer</h4>
  </div>
</div>
</body>
```



Lists

Introduction

- We use lists for displaying data, allowing the user to navigate to other parts of the application and for getting input from the user.

Simple List

- We can create a list view using a simple unordered list element filled in with list items. In addition, we should add the `data-role="listview"` attribute within the starting tag of the unordered list.

```
<ul data-role="listview" data-theme="c">  
<li><a href="http://www.abelski.com">abelski</a></li>  
<li><a href="http://www.zuntel.com">zuntel</a></li>  
<li><a href="http://www.zindego.com">zindego</a></li>  
</ul>
```


Simple List

```
<!DOCTYPE html>

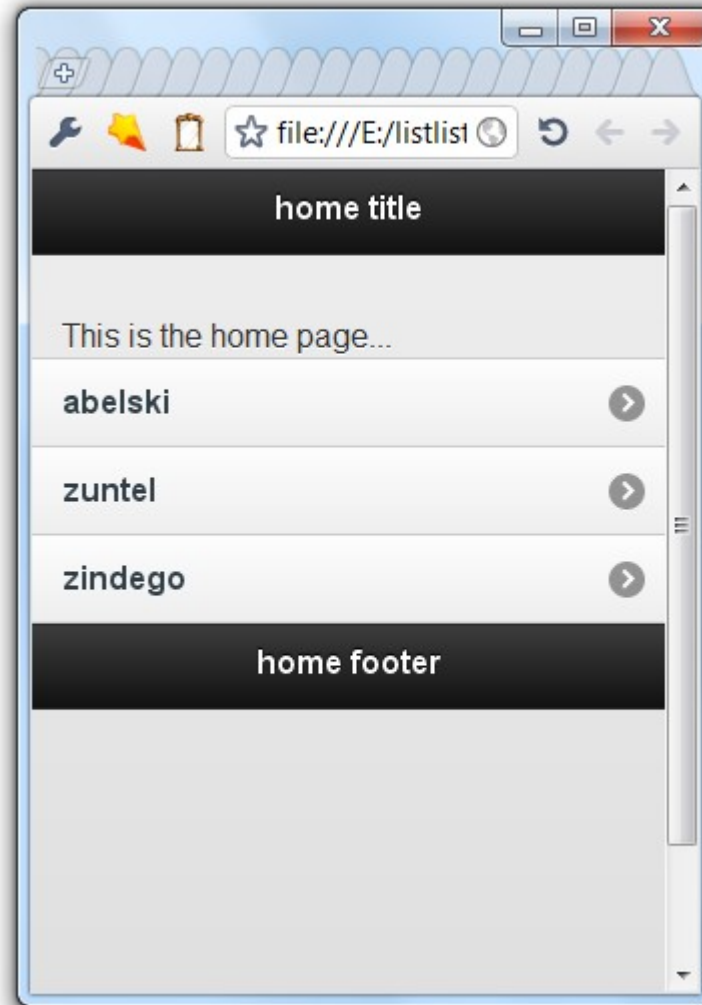
<head>
<title>Page Title</title>
<link rel="stylesheet"
href="http://code.jquery.com/mobile/1.0a3/jquery.mobile-1.0a3.min.css" />
<script type="text/javascript"
src="http://code.jquery.com/jquery-1.5.min.js">
</script>
<script type="text/javascript"
src="http://code.jquery.com/mobile/1.0a3/jquery.mobile-1.0a3.min.js">
</script>
</head>
```



Simple List

```
<button>
<div data-role="page" id="home">
<div data-role="header">
<h1>home title</h1>
</div>
<div data-role="content">
<p>This is the home page...</p>
<ul data-role="listview" data-theme="c">
  <li><a href="http://www.abelski.com">abelski</a></li>
  <li><a href="http://www.zuntel.com">zuntel</a></li>
  <li><a href="http://www.zindego.com">zindego</a></li>
</ul>
</div>
<div data-role="footer">
<h4>home footer</h4>
</div>
</div>
</button>
```

Simple List



Nested Lists

- We can create a nested list by placing the nested list `` element as a child element of a `` element.

Nested Lists

```
<!DOCTYPE html>

<head>
<title>Page Title</title>
<link rel="stylesheet"
href="http://code.jquery.com/mobile/1.0a3/jquery.mobile-
1.0a3.min.css" />
<script type="text/javascript" src="http://code.jquery.com/jquery-
1.5.min.js">
</script>
<script type="text/javascript"
src="http://code.jquery.com/mobile/1.0a3/jquery.mobile-1.0a3.min.js">
</script>
</head>
```



Nested Lists

```
<div data-role="page" id="home">
  <div data-role="content">
    <ul data-role="listview">
      <li><h3><a href="#">Countries</a></h3>
      <p>Select the city you like most.</p>
      <ul>
        <li>Israel
          <ul>
            <li><a href="index.html">Haifa</a></li>
            <li><a href="index.html">Jerusalem</a></li>
            <li><a href="index.html">Rehovot</a></li>
            <li><a href="index.html">Afula</a></li>
            <li><a href="index.html">Netanya</a></li>
            <li><a href="index.html">Nazarath</a></li>
          </ul>
        </li>
      </ul>
    </div>
  </div>
</pre>
```

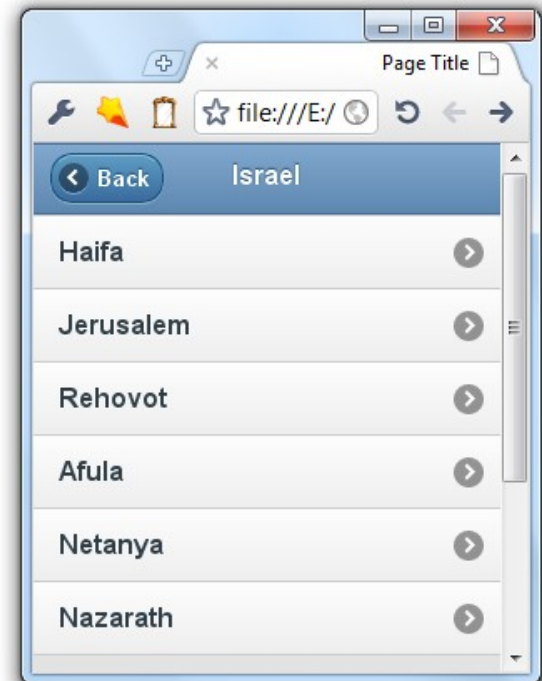
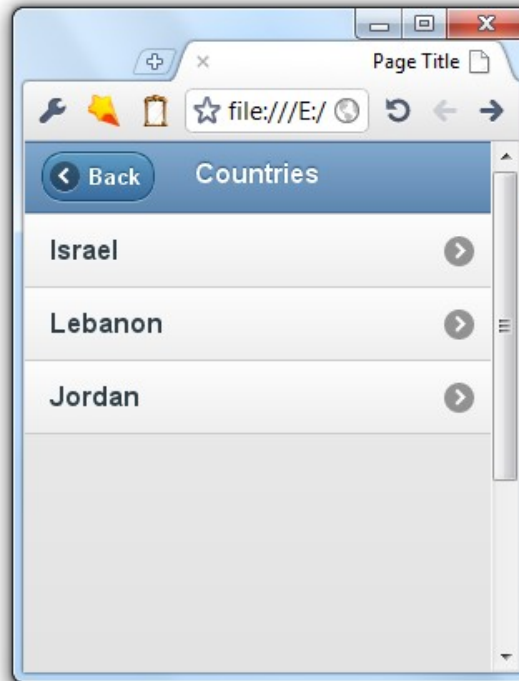
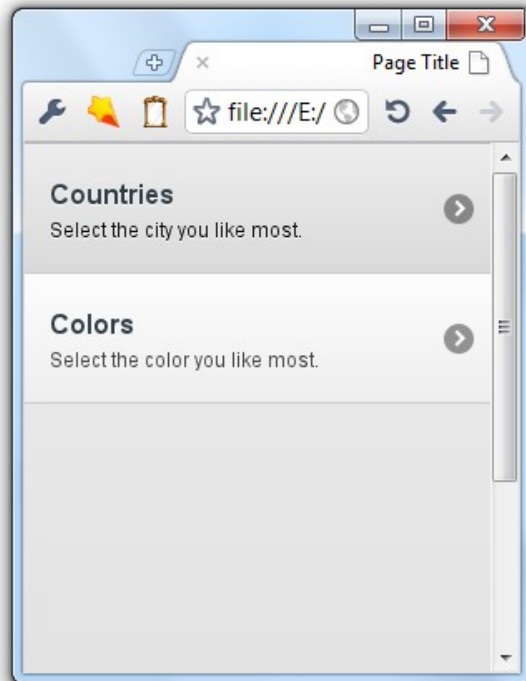
Nested Lists

```
<li>Lebanon
  <ul>
    <li><a href="index.html">Hermeil</a></li>
    <li><a href="index.html">Beirut</a></li>
    <li><a href="index.html">Saida</a></li>
    <li><a href="index.html">Tripoli</a></li>
    <li><a href="index.html">Tyre</a></li>
    <li><a href="index.html">Koura</a></li>
  </ul>
</li>
<li>Jordan
  <ul>
    <li><a href="index.html">Jerash</a></li>
    <li><a href="index.html">Madaba</a></li>
    <li><a href="index.html">Arki</a></li>
    <li><a href="index.html">Irbid</a></li>
    <li><a href="index.html">Amman</a></li>
    <li><a href="index.html">Aqaba</a></li>
    <li><a href="index.html">Ajloun</a></li>
  </ul>
</li>
</ul>
</li>
```

Nested Lists

```
<li><h3><a href="#">Colors</a></h3>
<p>Select the color you like most.</p>
  <ul>
    <li><a href="index.html">Green</a></li>
    <li><a href="index.html">Orange</a></li>
    <li><a href="index.html">Gray</a></li>
    <li><a href="index.html">Pink</a></li>
    <li><a href="index.html">Violet</a></li>
    <li><a href="index.html">Red</a></li>
    <li><a href="index.html">Yellow</a></li>
  </ul>
</li>
</ul>
</div>
</div>
```


Nested Lists



Forms

Introduction

- The jQuery Mobile allows us to create forms through which the user will enter its data.
- The form submission can be hand-held 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 control.
- The standard HTML control in use when creating form's element will do its 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/1.0a3/jquery.mobile-1.0a3.min.css" />
<script type="text/javascript" src="http://code.jquery.com/jquery-1.5.min.js">
</script>
<script type="text/javascript"
src="http://code.jquery.com/mobile/1.0a3/jquery.mobile-1.0a3.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

