

jQuery Mobile

Lesson 02 : Building jQuery Mobile Pages

Lesson Objectives

- In this lesson, you will :
 - Understand page architecture
 - Use page transitions
 - Create and use dialogs



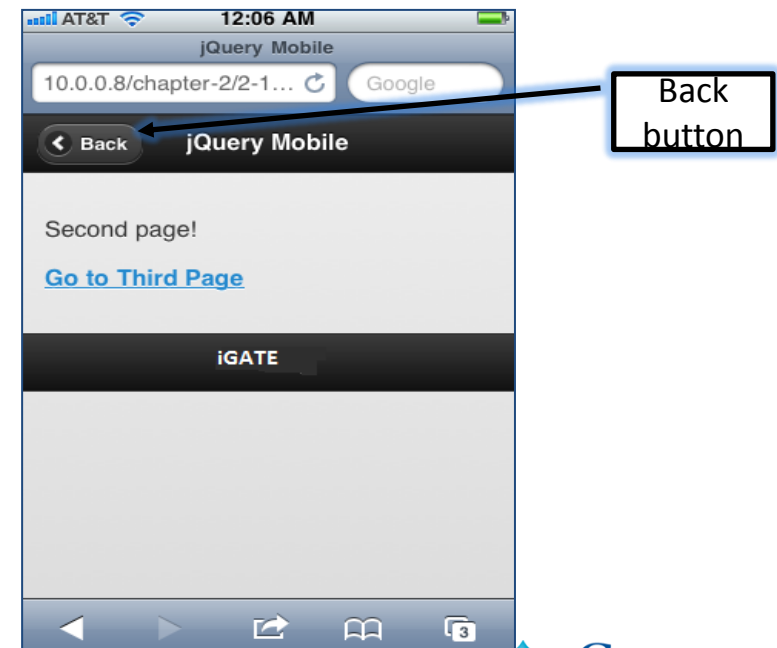
A recap

➤ **A quick recap:**

- jQuery Mobile designates pages using the data-role attribute
- jQuery Mobile selects elements based on this attribute and progressively enhances them, adds CSS classes, any needed markup and event management

➤ **This gives jQuery Mobile several important features:**

- Page transitions
- Navigation management
- Efficiency

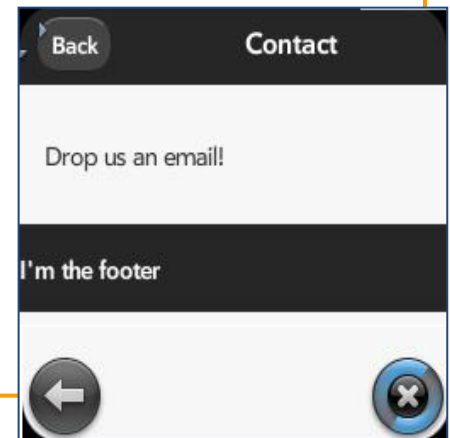


Multiple pages

- **jQuery Mobile lets you create multiple pages in a single HTML file.**
 - Each page can be demarcated within the application with the attribute **data-role="page"**.
 - These page sections must be top-level siblings in the document body – not nested.
 - To link between the pages in the HTML file, you use placeholders.

Multiple pages : an example

```
<div id="firstpage" data-role="page">
  <header data-role="header"> <h1>Page Content Header</h1></header>
  <div data-role="content">
    <p>This is page 1</p>
    <p><a href="#secondpage" data-transition="flip">Goto second page</a>
  </div>
  <footer data-role="footer">Page Content Footer</footer>
</div>
<div id="secondpage" data-role="page"> <!-- This is the second page -->
  <header data-role="header"> <h1>Page Content Header</h1></header>
  <div data-role="content">
    <p>This is page 2</p>
    <p><a href="#firstpage">Go to first page</a></p>
  </div>
  <div data-role="footer">Page Content Footer</div>
</div>
```



External pages : an example

```
<!-- Internal page that links to an external page -->
<section id="internalpage" data-role="page">
  <header data-role="header">External Page Linking</header>
  <div data-role="content">
    <p>This is page 1</p>
    <p><a href="externalpage1.html">Link external page via Ajax</a></p>
    <p><a href="externalpage1.html" data-ajax="false">Link external page
without Ajax</a></p>
    <p><a href="externalpage1.html" target="_blank">Link external page
without Ajax</a></p>
    <p><a href="externalpage2.html" rel="external">Link another external
page without Ajax</a></p>
  </div>
</section>
```

Page transition

- jQuery Mobile has several animated transitions that can be used when changing pages or displaying dialogs.
- Page transitions can be specified using the data-transition attribute to the link.
Valid values are:
 - **fade**: Fade the page or dialog in over the previous content
 - **flip**: An animated page flip, rotating the current view out with the other view on the reverse side
 - **pop**: The page springs into view from the center of the screen
 - **slide**: Slide in from the left or right, pushing previous content out of the way
 - **slidedown**: Slide down from the top, over the top of the current content
 - **slideup**: Slide up to the top, revealing the next content below

```
<p><a href="#secondpage" data-transition="flip">Goto second page</a>
```

Dialogs

- A dialog is just a standard page styled differently.
- To create a dialog in jQuery Mobile simply add the `data-rel="dialog"` attribute to a link.

```
<section id="firstpage" data-role="page">
  <header data-role="header"><h1>Page Header</h1> </header>
  <div data-role="content"> <p>This is page 1</p>
  <p><a href="#secondpage" data-rel="dialog">Display Dialog</a></p>
</div>
<footer data-role="footer"><h2>Page Content Footer</h2></footer>
</section>
```

<!-- This page will be displayed as a dialog -->

```
<div id="secondpage" data-role="page">
  <div data-role="header"><h1>Dialog Title</h1></div>
  <div data-role="content"><p>This page contains the dialog
content</p></div>
  <div data-role="footer">Dialog Footer</div></div>
```


Summary

➤ In this lesson, you learnt:

- jQuery Mobile's page architecture
- Using page transitions
- Creating and using dialogs

