jQuery Mobile tutorial - 1

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Topics

1. Introduction to jQuery Mobile
2. Software Requirements
3. Installing jQueryMobile demos
4. jQuery Mobile Hello world app

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1. Introduction to jQuery Mobile

- Touch optimized UI Framework used in building mobile friendly sites that are very accessible on **ALL** popular **smartphones**, tablet and desktop **browsers**.

- Built on top of jQuery and HTML5

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2. Software Requirements

- Text Editor

- jQuery : 1.8.2

- jQuery Mobile: 1.2.0

- Apache Web Server

- Web Browser : Chrome

- Xcode: iOS Simulator

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3. Installing jQueryMobile demo

- Install a web server : Apache
  http://tiny.cc/installApache

```
Download  $ lynx http://httpd.apache.org/download.cgi
Extract   $ gzip -d httpd-NN.tar.gz
          $ tar xvf httpd-NN.tar
          $ cd httpd-NN
Configure $ ./configure --prefix=PREFIX
Compile   $ make
Install   $ make install
Customize $ vi PREFIX/conf/httpd.conf
Test      $ PREFIX/bin/apachectl -k start
```

- Download jQuery Mobile 1.2.0 and put it in htdocs folder of apache web server and open it in web browser.

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4. jQuery Mobile hello world app ☺

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<html>
<head>
        <title>My Page</title>
        <meta name="viewport" content="width=device-width, initial-scale=1">
        <link rel="stylesheet" href="http://code.jquery.com/mobile/1.2.0/jquery.mobile-1.2.0.min.css" />
        <script src="http://code.jquery.com/jquery-1.8.2.min.js"></script>
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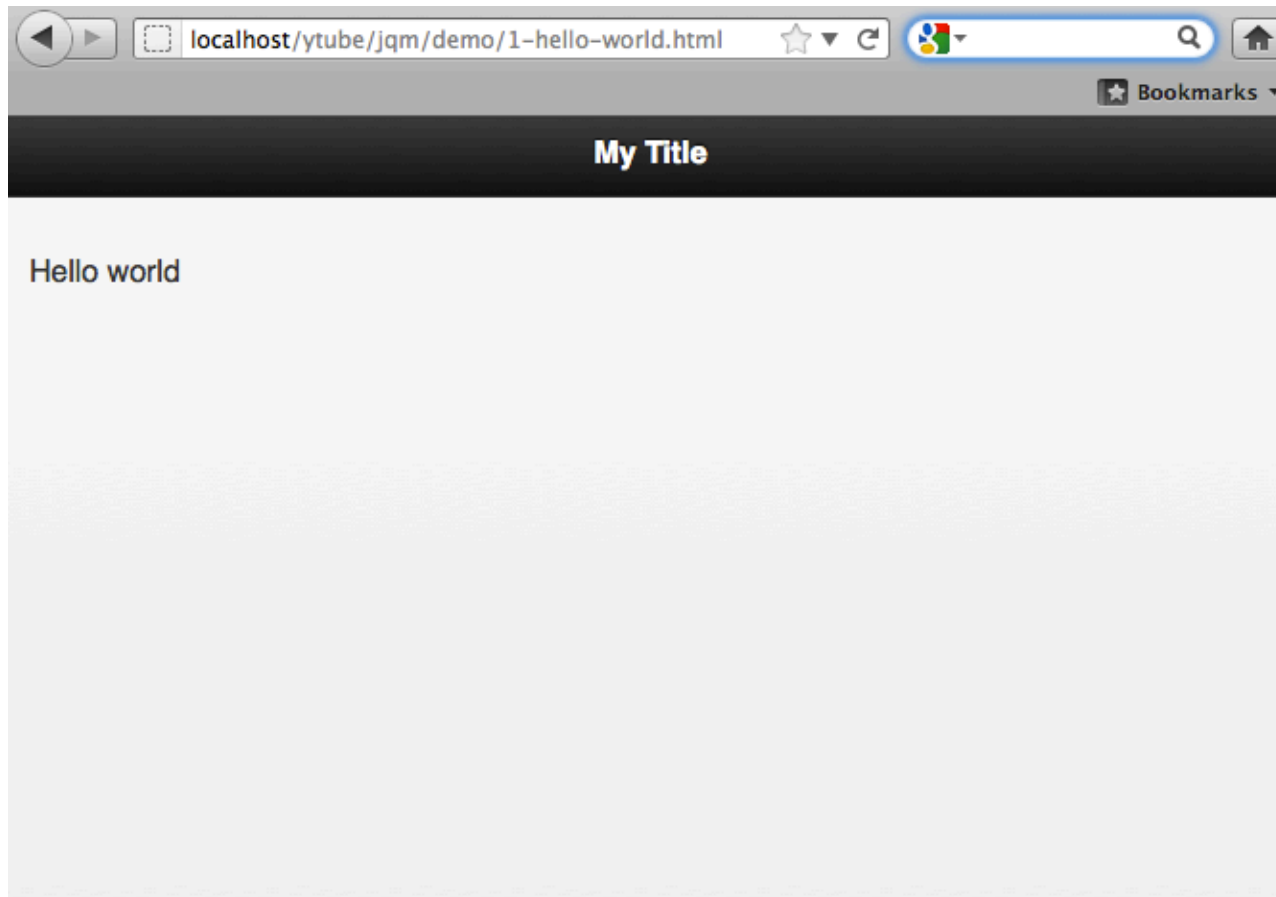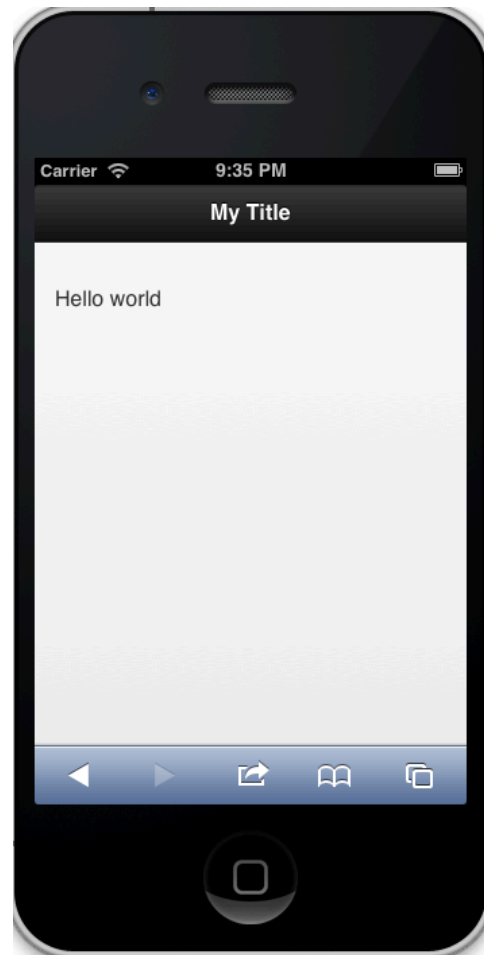
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Output on web browser – desktop

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Output on iphone

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Recap

- What is jQuery Mobile
- **Dependency** jQuery -> jQuery Mobile
- **Viewport** meta tag
- Html5 **Data-*** attributes
- Verifying app on **browser** and **ios device simulator**

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Up Next

- Adding some UI elements:
  List, Sliders and Buttons

- Resources :
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