

jQuery Mobile



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2013



Mobile Ecosystem Saat ini

 **BlackBerry**

ios



jQuery
mobile framework.



ANDROID

symbian





MeeGo™



JQuery Mobile adalah

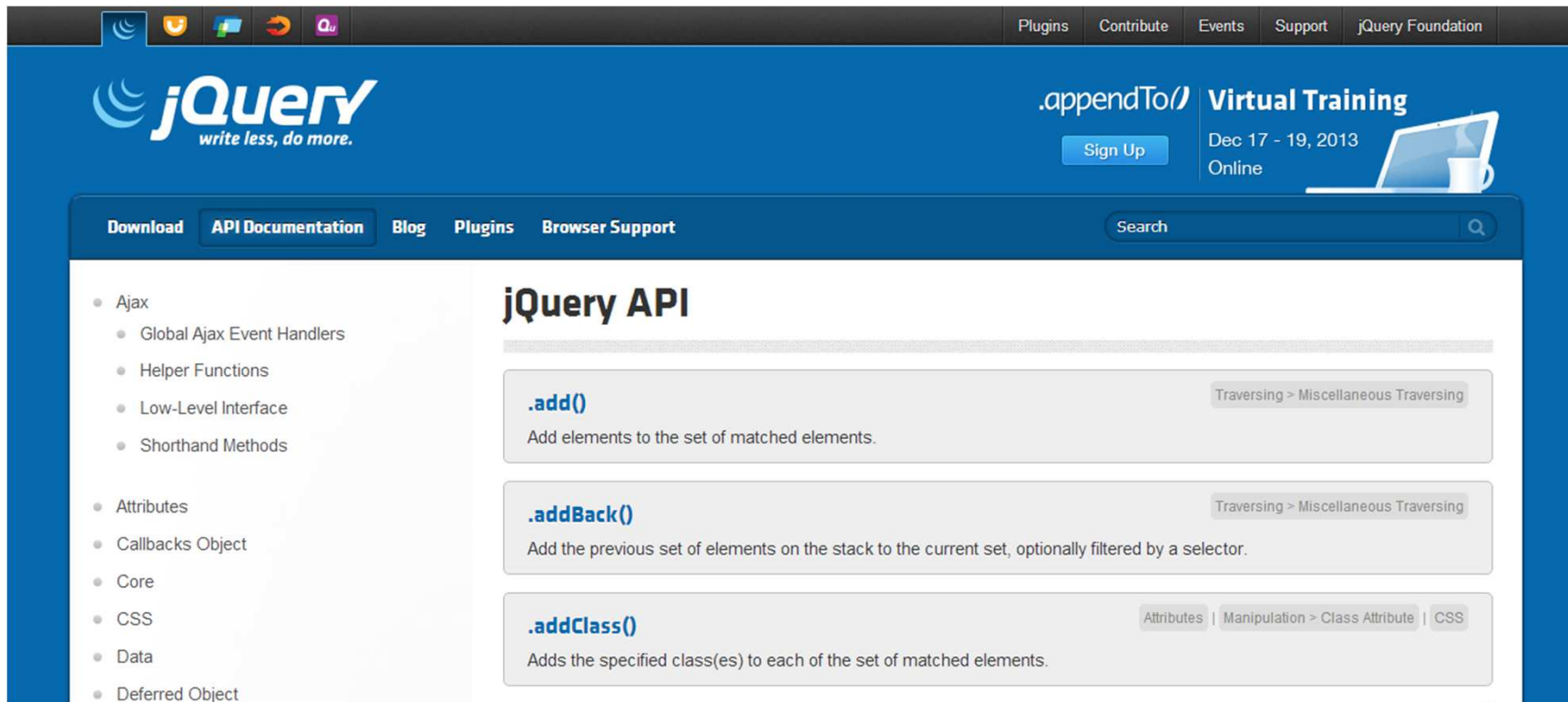
- 
- Cross platform & Cross device and Multi browser
 - HTML5

- 
- Touch optimized layouts
 - UI widgets

- 
- Powerful theming framework
 - And more ...
-

jQuery Mobile is an alpha project

- API might change, more features coming, ... !
- <http://api.jquery.com/>



The screenshot shows the jQuery API website. At the top, there is a navigation bar with links for Plugins, Contribute, Events, Support, and jQuery Foundation. The jQuery logo is prominently displayed on the left, with the tagline "write less, do more.". On the right, there is a promotion for "Virtual Training" from Dec 17 - 19, 2013, with a "Sign Up" button. Below the navigation bar, there is a search bar and a menu with links for Download, API Documentation, Blog, Plugins, and Browser Support. The main content area is titled "jQuery API" and lists several methods: .add(), .addBack(), and .addClass(). Each method entry includes a breadcrumb trail, the method name, and a brief description of its function.

jQuery logo: *write less, do more.*

Navigation: Plugins, Contribute, Events, Support, jQuery Foundation

Virtual Training: Dec 17 - 19, 2013, Online

Search: Search

API Documentation: Download, API Documentation, Blog, Plugins, Browser Support

jQuery API

- .add()** (Traversing > Miscellaneous Traversing)
Add elements to the set of matched elements.
- .addBack()** (Traversing > Miscellaneous Traversing)
Add the previous set of elements on the stack to the current set, optionally filtered by a selector.
- .addClass()** (Attributes | Manipulation > Class Attribute | CSS)
Adds the specified class(es) to each of the set of matched elements.

Jquery Mobile Ringan

jQuery 29KB (minified and gzipped)

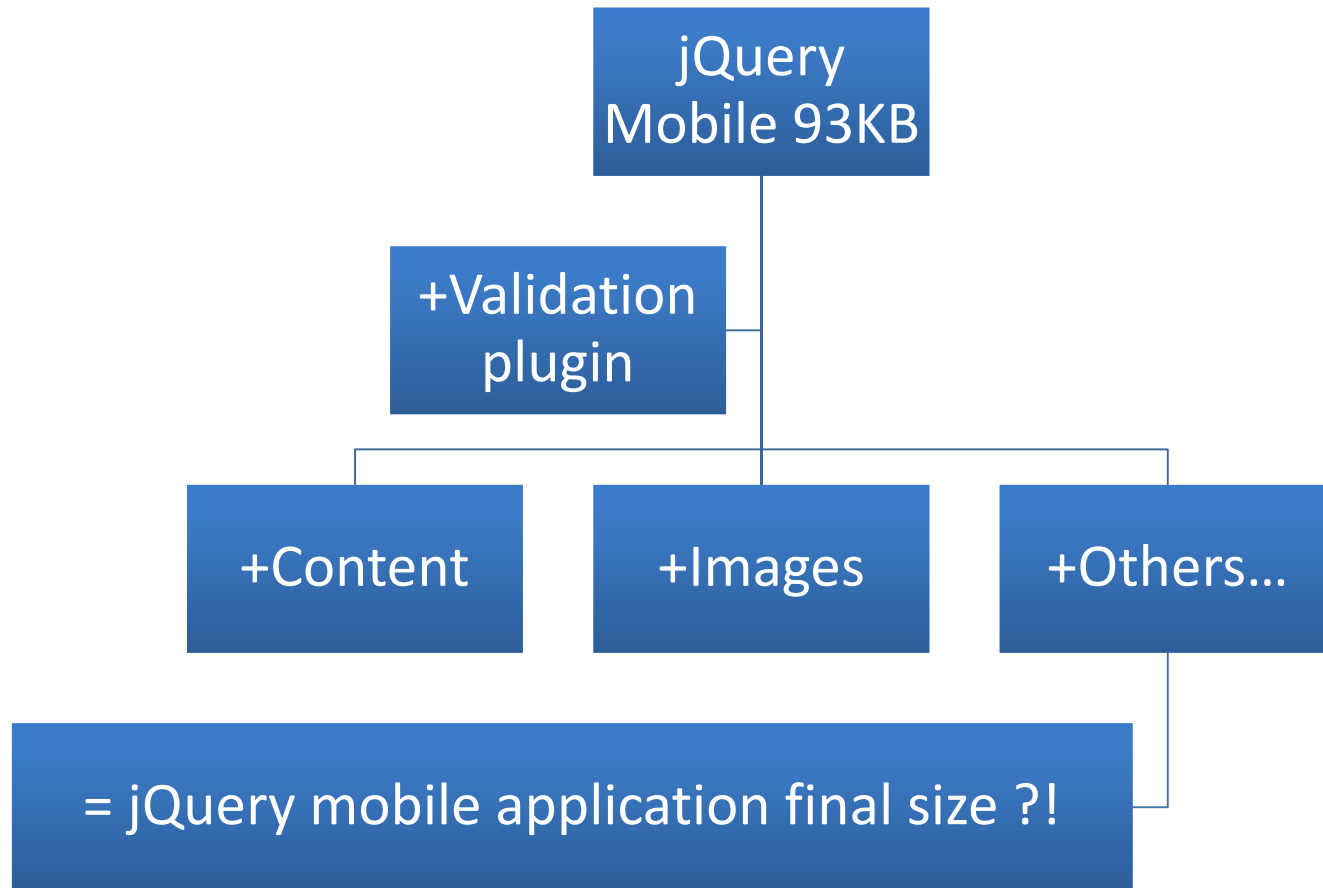
jQuery Mobile JS 17Kb (minified and gzipped)

jQuery Mobile CSS 7KB (minified)

jQuery Mobile images 10x4KB (compressed png)

This is already $29+17+7+40 = 93\text{KB}$

Jquery Mobile Ringan

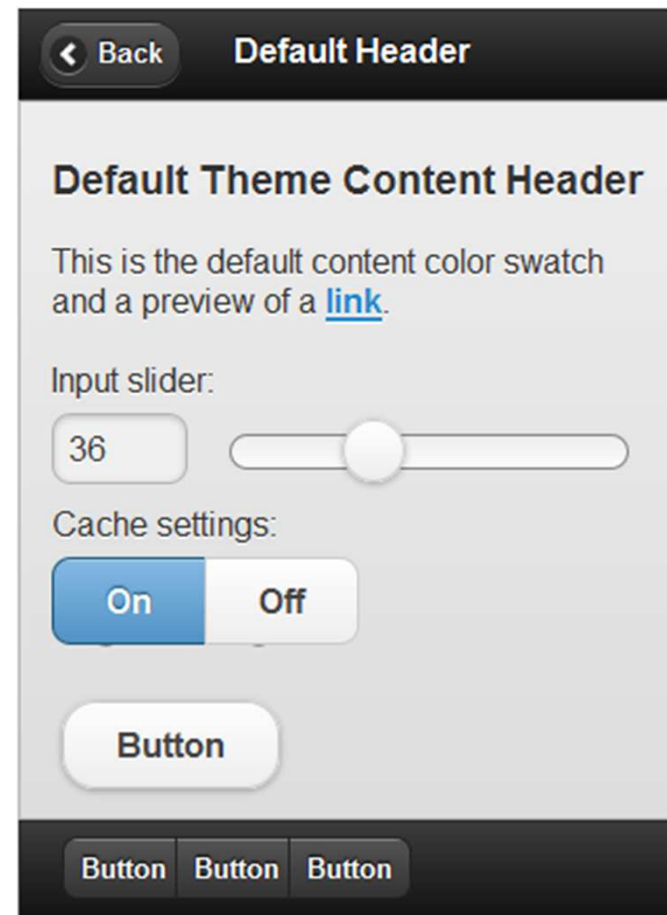
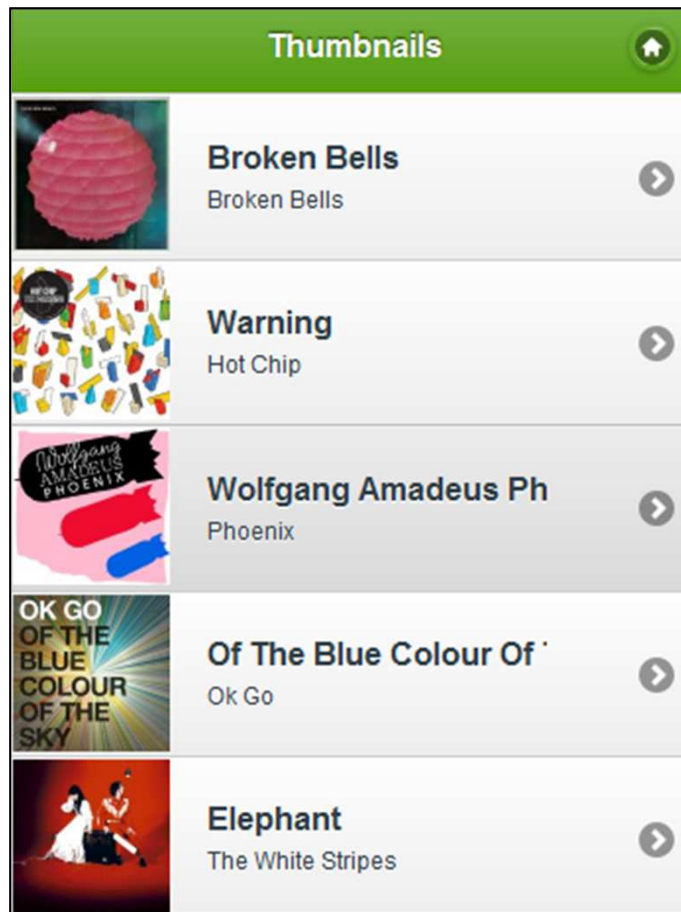


iPhone Simulator

- Adode AIR → <http://get.adobe.com/air/>
- iPhone Simulator → http://www.merhl.com/?page_id=3



Contoh UI



jQuery Mobile single page

```
<!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-1.4.3.min.js"></script>
    <script type="text/javascript" src="http://code.jquery.com/mobile/1.0a3/jquery.mobile-1.0a3.min.js"></script>
  </head>
  <body>

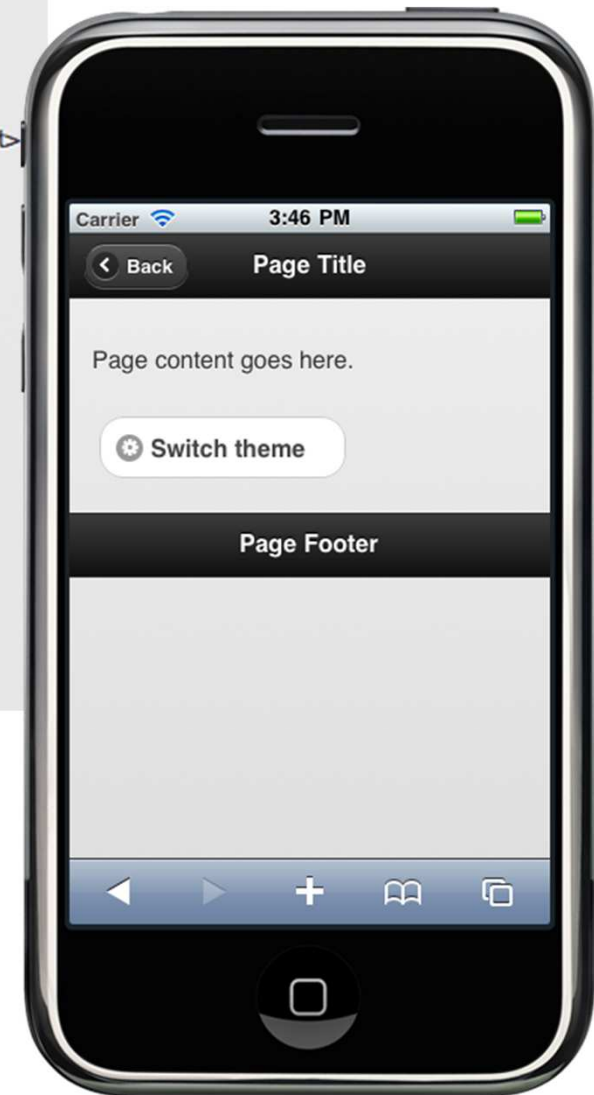
  <div data-role="page">

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

    <div data-role="content">
      <p>Page content goes here.</p>
    </div><!-- /content -->

    <div data-role="footer">
      <h4>Page Footer</h4>
    </div><!-- /footer -->
  </div><!-- /page -->

</body>
</html>
```



jQuery Mobile embedded pages

```
<body>

<!-- Start of first page -->
<div data-role="page" id="foo">

  <div data-role="header">
    <h1>Foo</h1>
  </div><!-- /header -->

  <div data-role="content">
    <p>I'm first in the source order so I'm shown as the page.</p>
    <p>View internal page called <a href="#bar">bar</a></p>
  </div><!-- /content -->

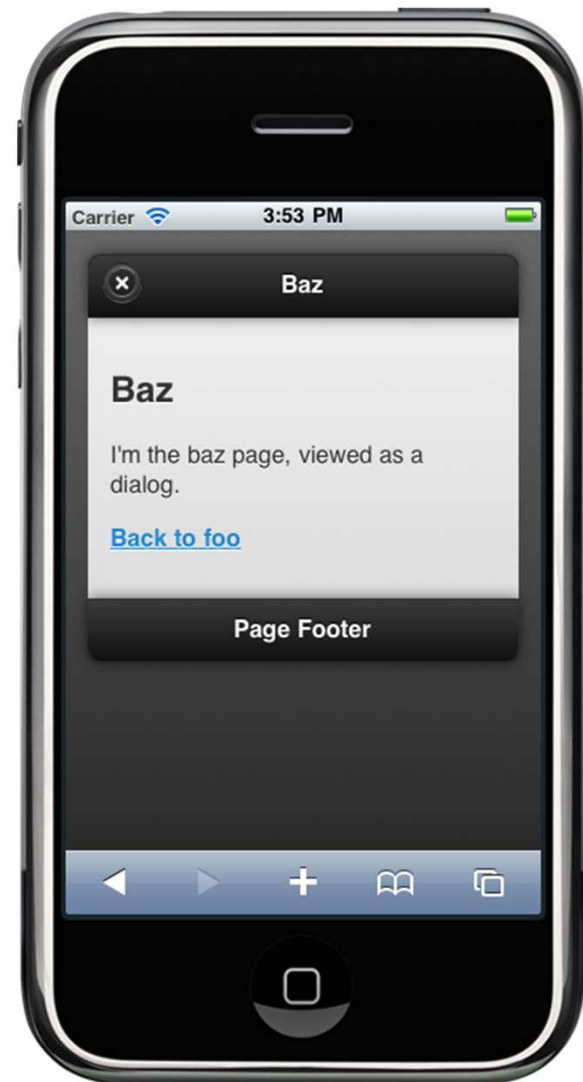
  <div data-role="footer">
    <h4>Page Footer</h4>
  </div><!-- /header -->
</div><!-- /page -->

<!-- Start of second page -->
<div data-role="page" id="bar">

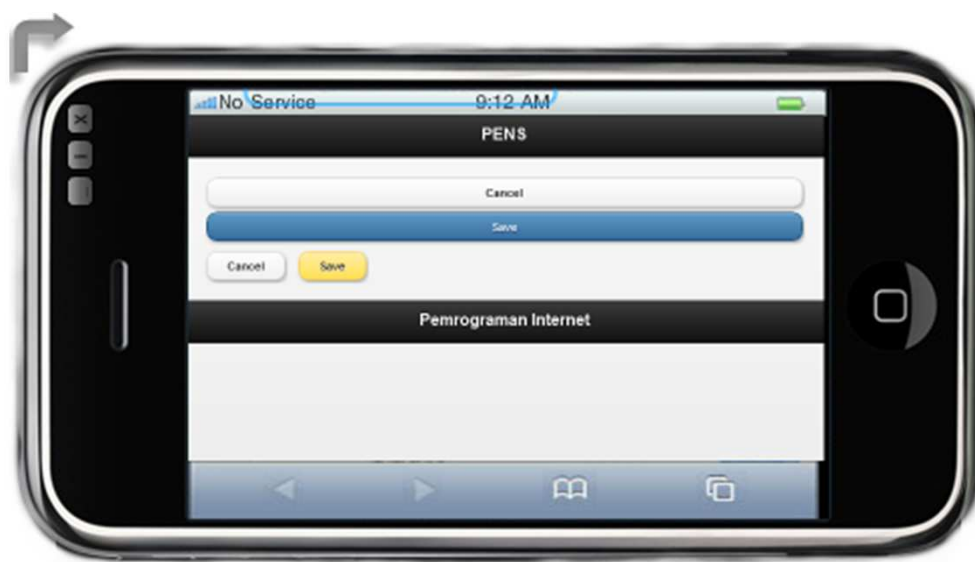
  <div data-role="header">
    <h1>Bar</h1>
  </div><!-- /header -->

  <div data-role="content">
    <p>I'm first in the source order so I'm shown as the page.</p>
    <p><a href="#foo">Back to foo</a></p>
  </div><!-- /content -->

  <div data-role="footer">
    <h4>Page Footer</h4>
  </div><!-- /header -->
</div><!-- /page -->
</body>
```

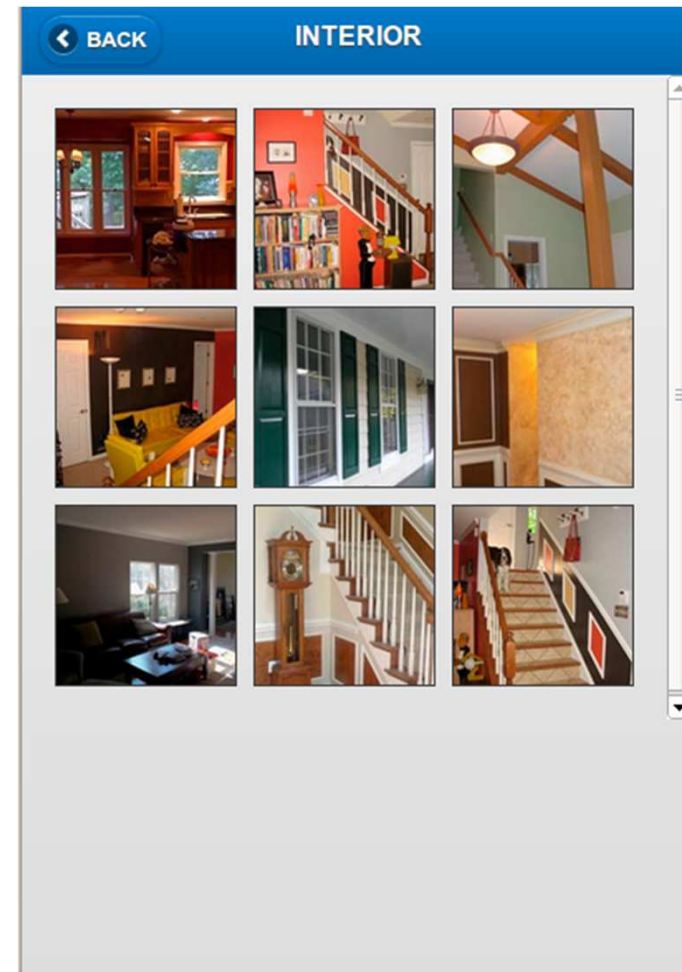
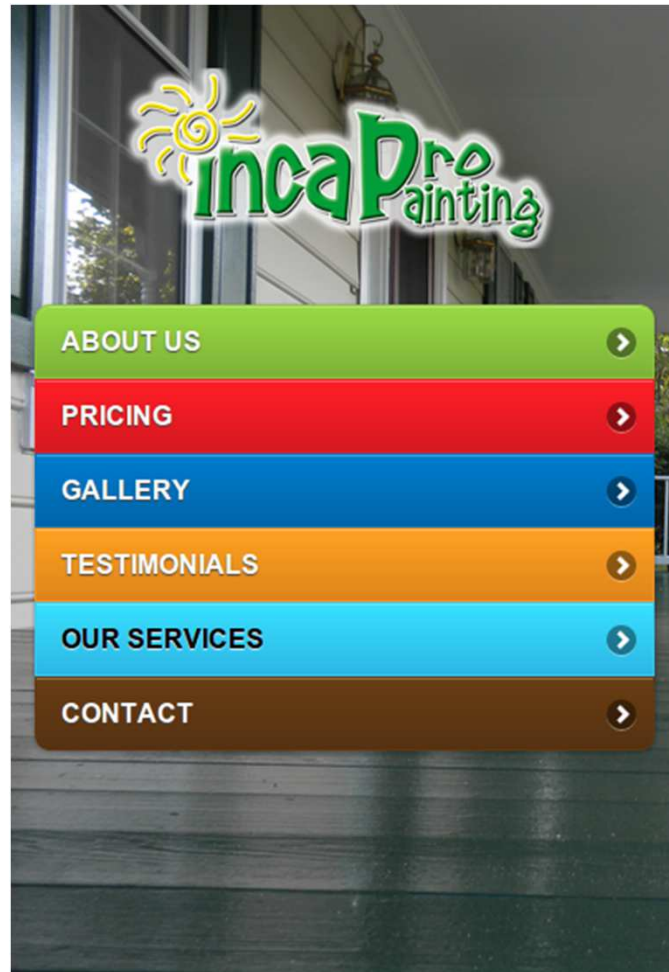


Button

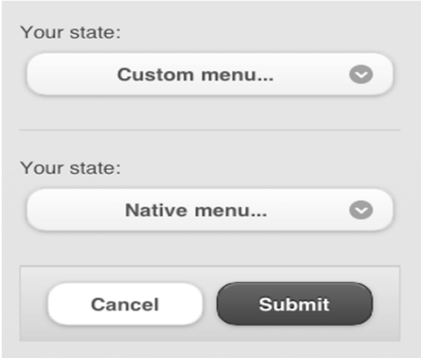


```
<body>
<div data-role="page">
<div data-role="header">
<h4>PENS</h4>
</div>
<div data-role="content">
<a href="#" data-role="button" >Cancel</a>
<a href="#" data-role="button" data-theme="b">Save</a>
<a href="#" data-role="button" data-inline="true">Cancel</a>
<a href="#" data-role="button" data-inline="true" data-theme="e">Save</a>
</div><!-- /content -->
<div data-role="footer">
<h4>Pemrograman Internet</h4>
</div>
</div>
</body>
```

Some Recommendation



Some Recommendation



Your state:


Custom menu... ▾

Your state:

Native menu... ▾

Cancel Submit

Use short & clear forms



Dialog

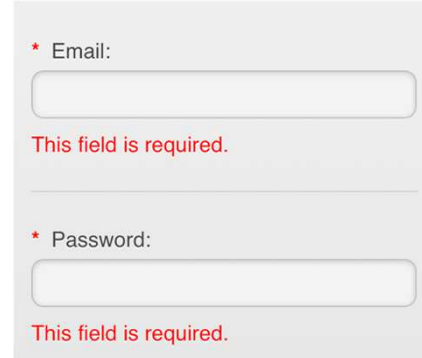
Delete page?

This is a regular page, styled as a dialog. To create a dialog, just link to a normal page and include a transition and `data-rel="dialog"` attribute.

Sounds good

Cancel

Error & Confirmation dialogs should be part of the downloaded page



* Email:

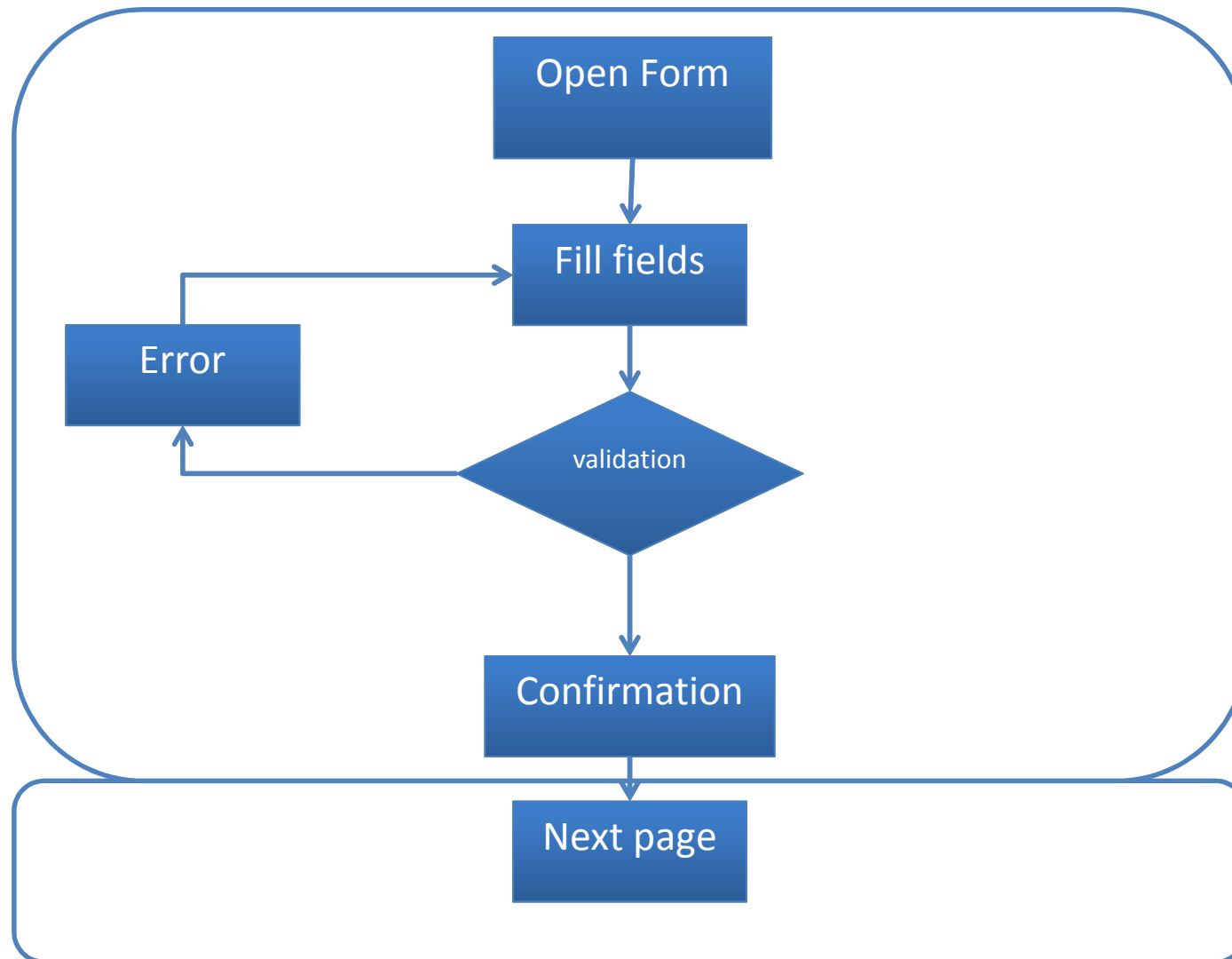
This field is required.

* Password:

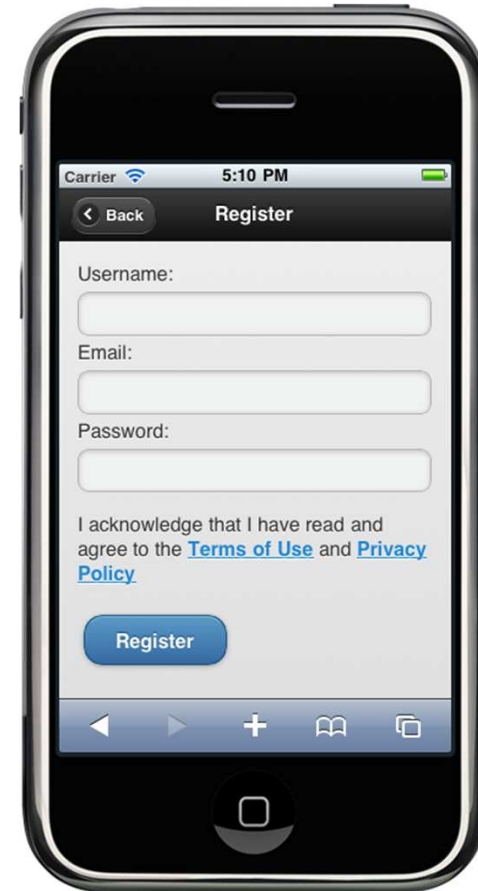
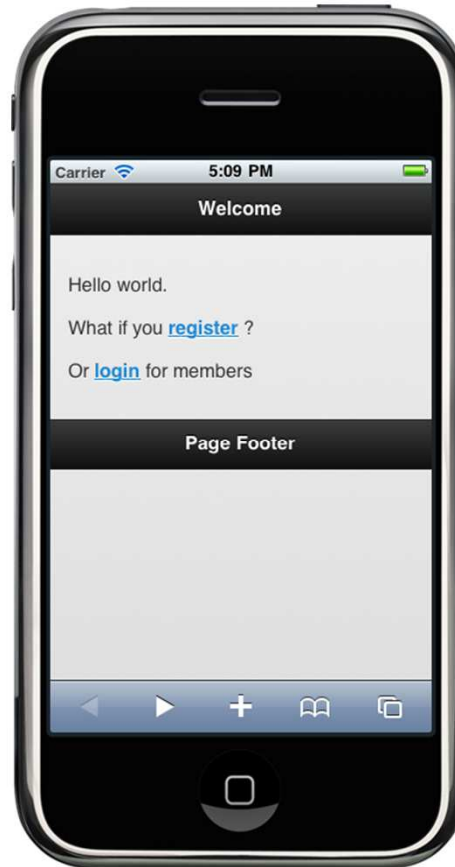
This field is required.

Error handling should be intuitive and visible

Mobile navigation workflow



Sample registration and login page



More about jQuery Mobile

- Page transitions
 - Dialogs, Buttons
 - Formatting content
 - Touch optimized form elements
 - List views
 - Events, themes...
 - <http://jquerymobile.com>
-

<http://codiqa.com/>



The screenshot displays the Codiqa website's main interface. At the top left is the Codiqa logo, featuring a stylized tree icon and the text 'codiqa'. To the right of the logo are navigation links: 'Plans & Pricing', 'About', 'Support', and 'Blog', along with a 'LOG IN' button. The main content area is set against a light gray grid background. On the left, a large heading reads 'Rapid Prototyping with jQuery Mobile', followed by the subtext 'Easy drag-and-drop jQuery Mobile app building and sharing.' Below this is a prominent green button labeled 'START BUILDING'. At the bottom left, there are icons for Apple, Android, BlackBerry, and HTML5. On the right side of the main area, a browser window is shown displaying the 'http://codiqa.com/builder' interface. This interface includes a 'PAGES' sidebar with options like 'Home', 'About', 'Contact', 'Blog', and 'Features', and a 'COMPONENTS' sidebar with various UI elements such as 'Page Header', 'Page Footer', 'Nav Bar', 'Button', 'Text Link', 'H1 H2 vs Heading', 'Text Block', 'Image', 'Collapsible', 'Grid', 'List View', 'Text Input', 'Toggle Switch', 'Menu', 'Radio Buttons', and 'Submit'. The central workspace of the browser window shows a mobile app prototype titled 'Super Social' with a 'Back' button and a list of social features: 'Find Friends', 'Invite Friends', 'Search Super Social', 'Your Tags', and 'Tags you've liked'. A blue callout bubble labeled 'Button' points to a button on the prototype.

<http://jquerymobile.com/themeroller/>

The image shows the ThemeRoller interface for jQuery Mobile. On the left, there is a sidebar with the following elements:

- ThemeRoller For jQuery Mobile
- Download Theme (with a download icon)
- Help Import Share
- Global | A | B | C | +
- Theme Settings
 - Font Family
 - Active State
 - Corner Radii
 - Icon
 - Box Shadow

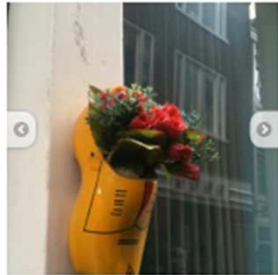
At the top right, there is an Inspector section with the following elements:

- Inspector: On Off (with a green 'On' button)
- Drag a color onto an element below or in the panel or pick one from the swatches (with an Adobe Kuler logo)
- A row of color swatches
- LIGHTNESS and SATURATION sliders
- jQuery mobile framework logo

The main area displays three mobile device screens labeled A, B, and C. Each screen contains the following UI elements:

- Sample text and [links](#).
- List Header
 - Radio 1
 - Radio 2
 - Checkbox
- On Off toggle switch
- Option 1 dropdown menu

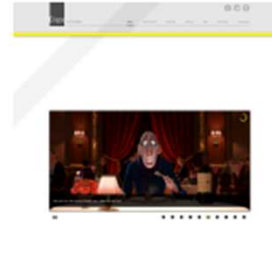
Beberapa Fitur



Pagination



PhotoSwipe



Diapo slideshow



Since starting to work with JQuery Mobile I have been looking for a more "app-like" navigation bar. There are examples abound, but most can be used on webkit-browsers only. Since I did not find a real cross-browser solution, I made one myself. I call it the bartender plugin.

- Features
- based on JQM elements
 - CSS-only, no JQuery needed
 - tested on IE7+, latest FF, Opera, Chrome, Safari, Android, iOS
 - retina icons on all browsers except IE7-

Bartender



Google Maps



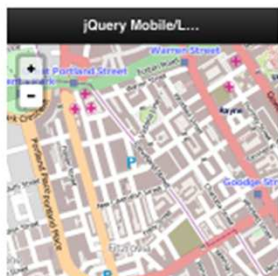
Mobiscroll



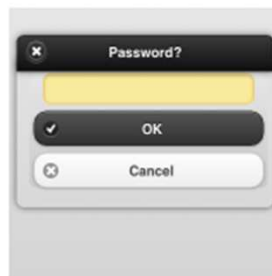
Datebox



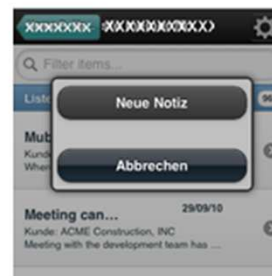
Android-like date picker



Leaflet's mobile demo



Simple Dialog



Actionsheet



Multiview

jQuery Mobile Gallery

jQuery Mobile Gallery

The gallery displays 12 mobile application screenshots arranged in two rows of six. Each screenshot shows a different app interface with various layouts, colors, and content. The apps include: 1. Business Smart Logistics (Russian text, truck image), 2. Sioux Falls (tourism site with 'CONTACT' and 'EXPLORE' buttons), 3. Chase (bank app with 'Log On', 'Contact Us', 'Find ATM/Branch' buttons), 4. Left A Note (note-taking app with 'Add Note', 'View Notes', 'Notify Me' buttons), 5. mba MULTIMEDIA (agency app with 'Agencie', 'Galerie', 'Services', 'Contact' buttons), 6. Moosylvania (agency app with 'WELCOME TO MOOSYLVANIA' and a moose image), 7. CheapOair (flight search app with 'Search Cheap Flights' and flight details), 8. UW Tacoma (university app with 'Calendar', 'Directory', 'Maps', 'News' sections), 9. BippesBrandao (agency app with 'Nutzer verstehen.' text), 10. SharksFrenzy (social media app with tweets from @SharksFrenzy, Natalie Cryer, and Jason Ryan Keet Esq.), 11. Ondho (agency app with 'DISEÑANDO COMUNICACIÓN' and product images), 12. attika (agency app with 'Shop Sortiment' and 'Garnituren' text).

Business Smart Log... Sioux Falls Chase Left A Note mba MULTIMEDIA Moosylvania

CheapOair UW Tacoma BippesBrandao SharksFrenzy Ondho attika

More Mobile technologies :

- Titanium mobile : (HTML5/JS/CSS3...)
 - <http://www.appcelerator.com/products/titanium-mobile-application-development/>
- PhoneGap :
(HTML5/JS/CSS)<http://www.phonegap.com/>
- SenchaTouch : (HTML5/JS/CSS)
<http://www.sencha.com/products/touch/>

jQuery Mobile Client-Server



Ahmad Zainudin

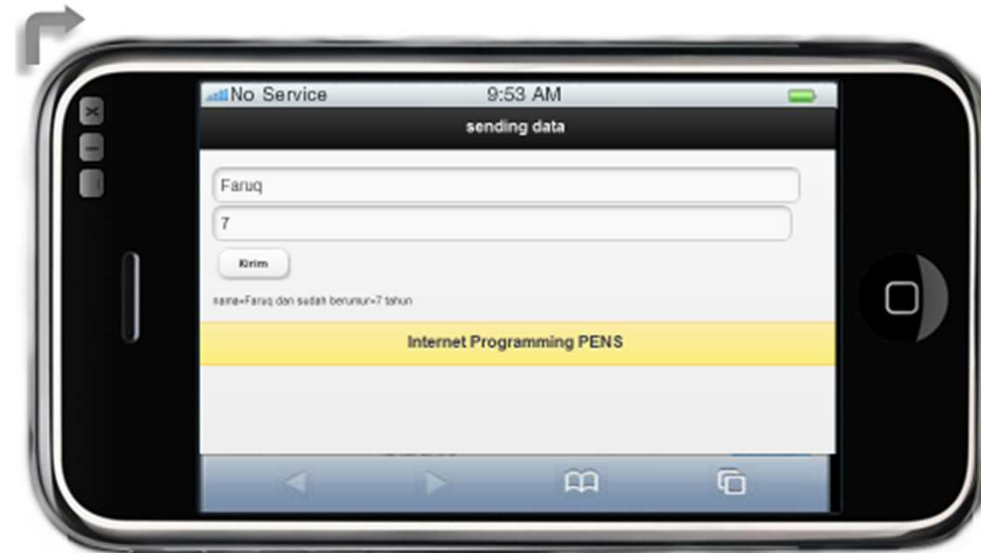
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2013



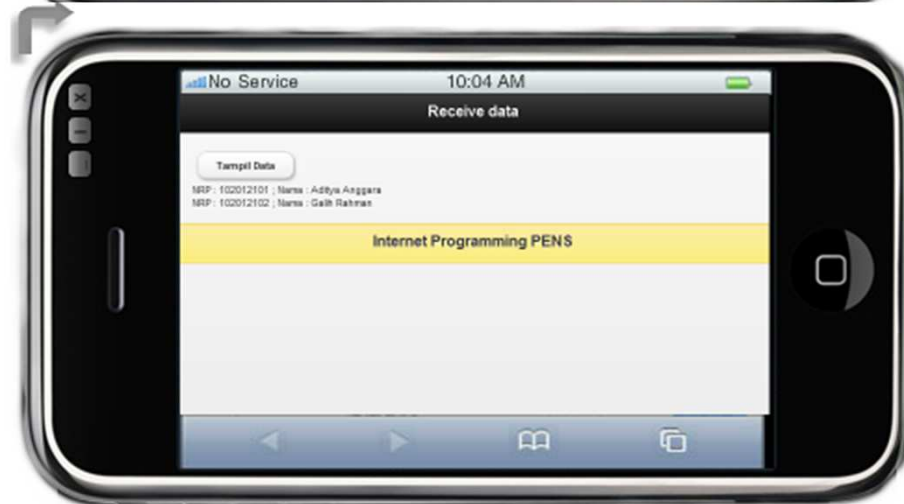
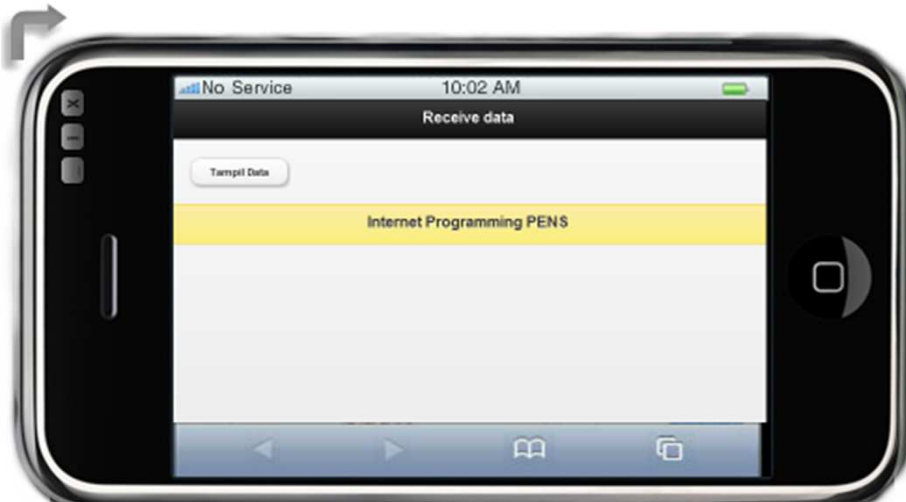
Akses File PHP



```
<script type="text/javascript">
$(document).ready(function () {
$('#input:submit').click(function() {
var s;
s = $('#myform').serialize();
$.post('post1.php', s, function(resp,status) {
$('#pesan').html(resp);
})
return false;
})
})
</script>
```

```
<?php
$name= $_POST['nama'];
$umur= $_POST['umur'];
echo "nama=$name dan sudah berumur=$umur tahun <br>";
?>
```

Akses Database MySQL



```
<script type="text/javascript">
$(document).ready(function () {
$('#ambildata').click(function () {
$('#pesan').load("post2.php");
return false;
});
})
</script>
```

nrp	nama	alamat
102012101	Aditya Anggara	Surabaya
102012102	Galih Rahman	Mojokerto

```
<div data-role="content">
<a href="#" id="ambildata" data-role="button" data-inline="true">Tampil Data</a>
<div id="pesan"></div>
</div>
```


Akses Database MySQL



nrp	nama	alamat
102012101	Aditya Anggara	Surabaya
102012102	Galih Rahman	Mojokerto

```
<?php
    $konek = mysql_connect ("localhost","root","") or die ("Koneksi problem");
    mysql_select_db ("kampus",$konek) or die ("DB problem");
    $hasil = mysql_query("select * from mahasiswa",$konek);
    while ($baris=mysql_fetch_row($hasil)){
        echo "NRP : $baris[0] ; Nama : $baris[1]";
        echo "<br>";
    }
    mysql_close($konek);
?>
```