

UBIQUITOUS APPS WITH PHONEGAP

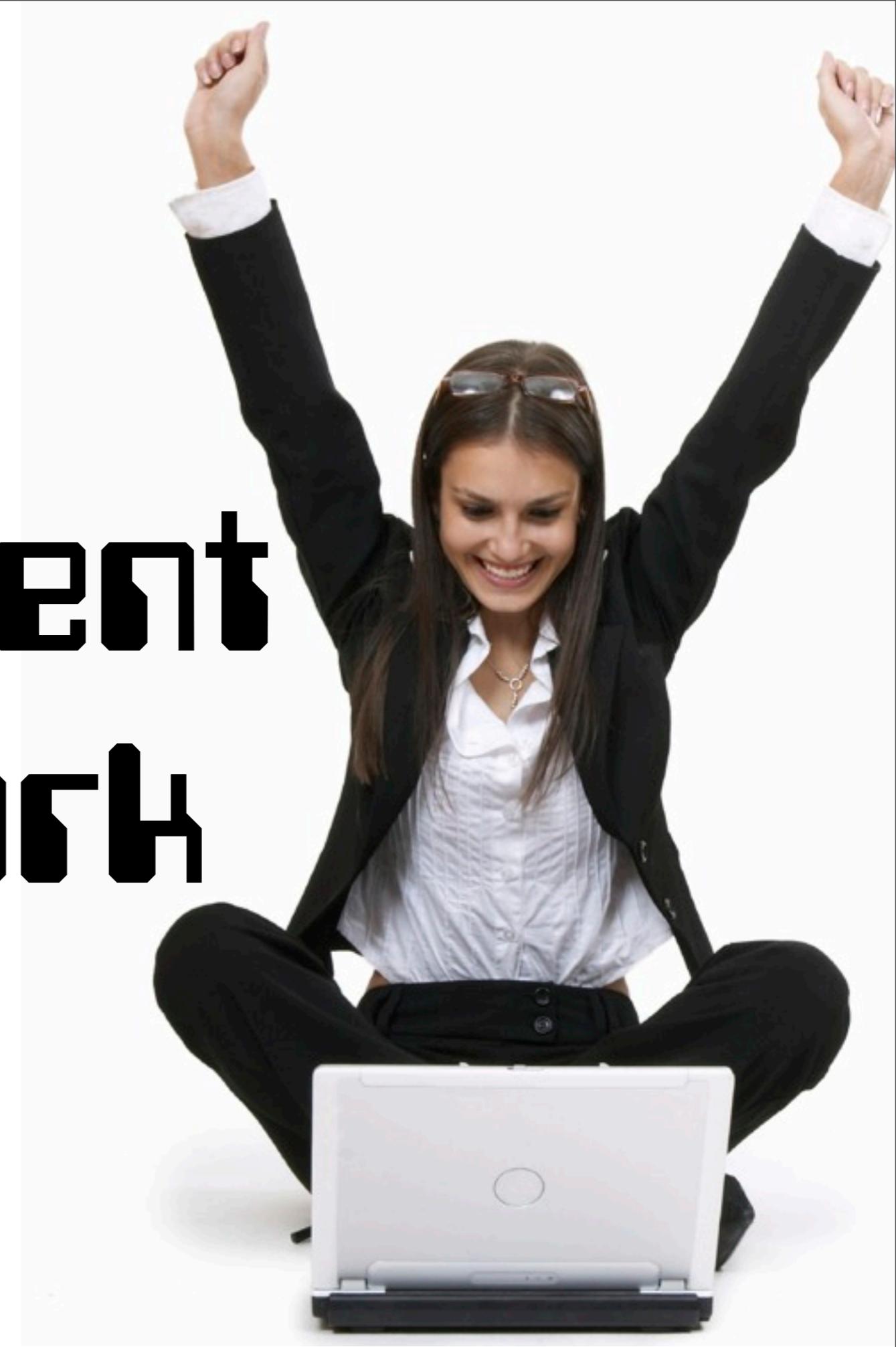




A row of black silhouettes of diverse people of various ages and ethnicities are standing in a horizontal line against a white background. They are dressed in a variety of clothing styles, including business suits, casual shirts, and dresses. Their shadows are cast onto the floor below them.

open source

mobile development Framework



```
<HTML>
<HEAD>
  <META HTTP-EQUIV=
    <TITLE>
      <HEAD>
        <BODY BGCOLOR=
```

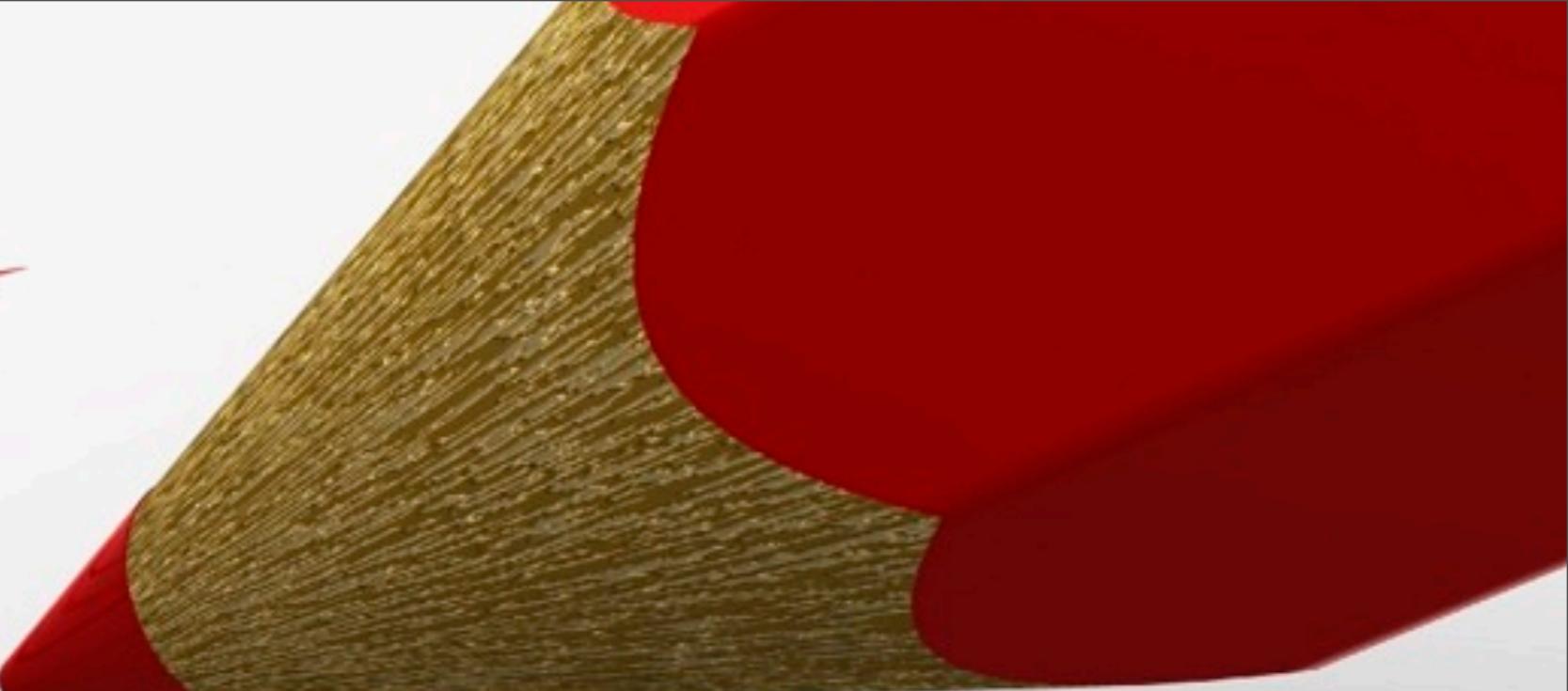












Getting
started



Learn JavaScript Mother *&%#@!





Friday, January 20, 2012

HTML-JS framework



JQuery Mobile

Sencha Touch

JQTouch

JQuery Mobile

\$. easy!

AT&T 3G

3:39 PM



Snap it!



Post it!

Sencha Touch

!\$#easy



Friday, January 20, 2012

jqtouch

\$reasy

AT&T

1:42 PM



Snap it!



Text

Post it






```
<script  
type="text/javascript"  
charset="utf-8"  
src="js/phonegap-1.2.0.js"/>
```

```
function takePicture() {  
  navigator.device.capture.\  
  captureImage(  
    captureSuccess,  
    captureError,  
    {limit: 1});  
}
```

```
function captureSuccess(mediaFiles) {  
    $('#pict').  
    replaceWith("<div id=\"pict\">\n        <center><img style=\"...\" id=\"test_img\" src=\"\" \n        + mediaFiles[0].fullPath \n        + "\"/></center></div>");  
}
```





toura **mulberry**



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From zero to app in minutes

Mulberry takes the promise of PhoneGap — mobile apps built with web technologies — and smooths over many of the "gotchas" that front-end developers confront as they venture into client-side application development in a mobile environment. When you use Mulberry to help you build mobile apps with web technologies, here are just a few of the things you get out of the box:

- Ready-to-deploy apps to Android, iPhone, and iPad
- Rapid in-browser iteration, eliminating the need for constant, time-consuming device builds
- Over-the-air data updates that persist for offline use, keeping your app's content current without requiring resubmission
- Integration of common plugins and components
- A complete framework for creating dynamic JavaScript applications

Mulberry provides all of this and more, giving you the building blocks you need to create a content-rich application that will work on iOS and Android, whether your user is online or off. With Mulberry's clear patterns and simple APIs, you can develop a robust "single-page" application that you can immediately deploy to the iOS and Android app stores. When you're ready to build your next app, your components,

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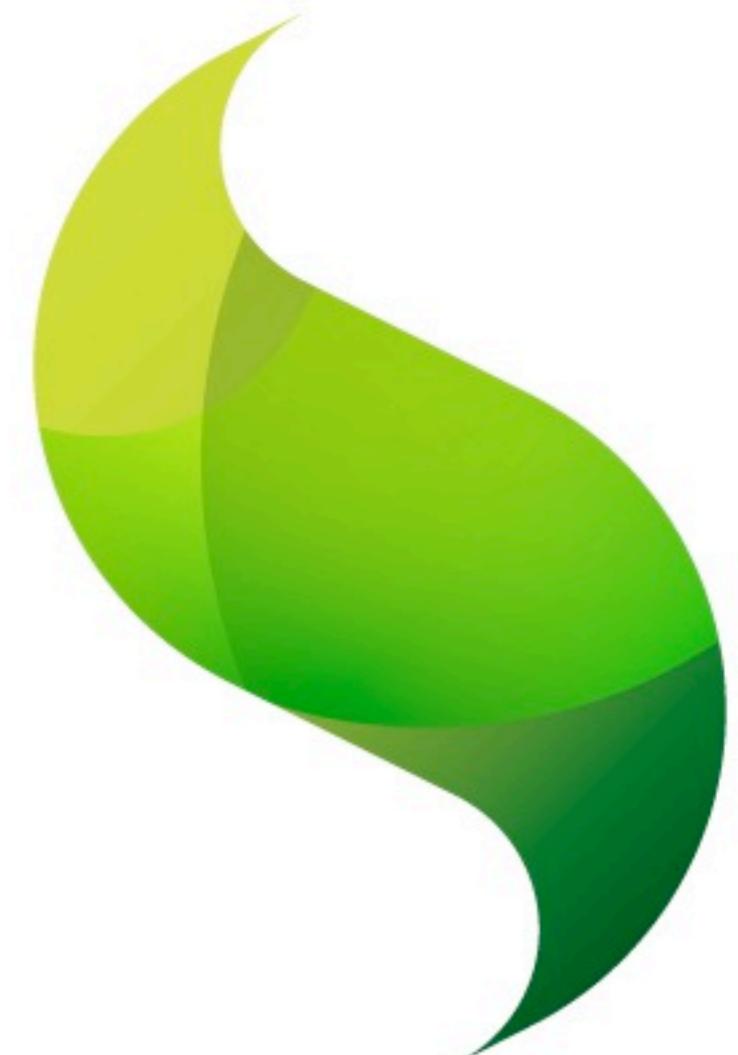
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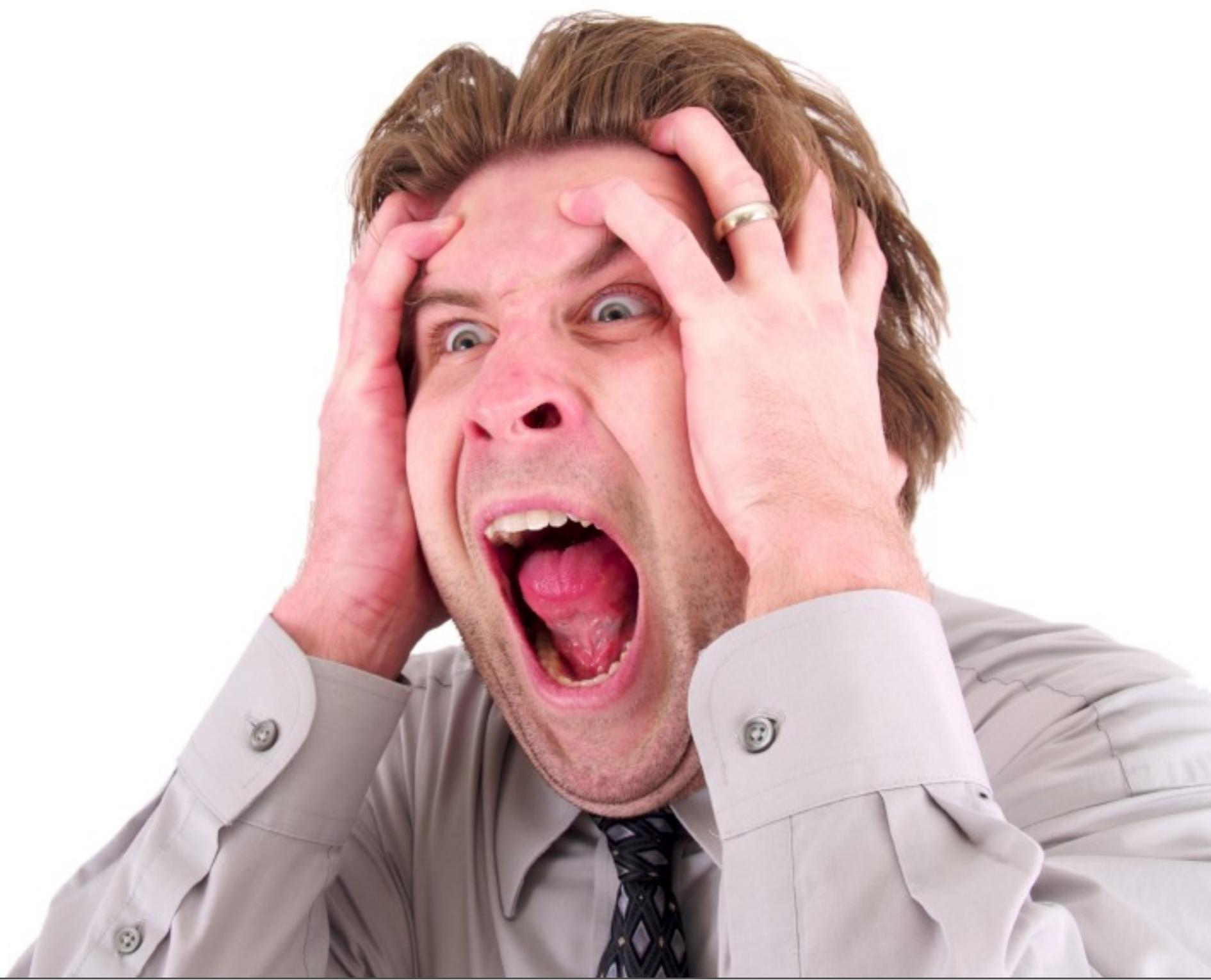
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appcelerator





Developer Tools - file:///Users/aglover/Dropbox/AG_Share/speaking/PhoneGap/mobile-app/xcode/SnapIt/www/index.html

The screenshot shows the Chrome Developer Tools interface. The top navigation bar includes tabs for Elements, Resources, Network, Scripts, Timeline, Profiles, Audits, and Console. A search bar labeled "Search Elements" is located at the top right. The main area displays the DOM tree on the left and the Styles panel on the right.

DOM Tree:

```
<!DOCTYPE html>
<html class="ui-mobile">
  <head>...</head>
  <body onload="onBodyLoad()" class="ui-mobile-viewport">
    <div data-role="page" id="page1" data-url="page1" tabindex="0" class="ui-page ui-body-c ui-page-active" style="min-height: 783px; ">
      <div data-role="header" class="ui-header ui-bar-a" role="banner">...</div>
      <div data-role="content" class="ui-content" role="main">
        <div id="pict"></div>
        <div id="btn">
          <div data-theme="c" class="ui-btn ui-btn-corner-all ui-shadow ui-btn-up-c" aria-disabled="false">...</div>
        </div>
        <div data-role="footer" data-position="fixed" class="ui-footer ui-bar-a ui-footer-fixed fade ui-fixed-overlay" role="contentinfo" style="top: 655px; "></div>
      </div>
      <div class="ui-loader ui-body-a ui-corner-all" style="top: 207px; ">...</div>
    </body>
  </html>
```

Styles Panel:

- ▶ Computed Style
- ▼ Styles


```
element.style {
```
- Matched CSS Rules
- div { display: block; }
- Inherited from div#page1.ui-page.ui-body-c.ui-page-active...
- .ui-body-c, .ui- jquery.mobile-1.0.min.css:2 body-c input, .ui-body-c select, .ui-body-c textarea, .ui-body-c button { font-family: Helvetica, Arial, sans-serif; }
- .ui-body-c, .ui- jquery.mobile-1.0.min.css:2 dialog.ui-overlay-c { color: #333; text-shadow: 0 1px 0 white; }

▶ Metrics
▶ Properties
▶ DOM Breakpoints
▶ Event Listeners

html.ui-mobile	body.ui-mobile-viewport	div#page1.ui-page.ui-body-c.ui-page-active	div.ui-content	div#btn	
----------------	-------------------------	--	----------------	---------	--

✖ Viewport argument value "no;" for key "user-scalable" not recognized. Content ignored. index.html:6

✖ GET file:///Users/aglover/Dropbox/AG_Share/speaking/PhoneGap/mobile-app/xcode/SnapIt/www/css/images/ajax-loader.png

>

github.com/alunny/stopgap



[gist.github.com/
476358](https://gist.github.com/476358)

JSLint

github.com/aglover/caprice



phonegap.com

jquerymobile.com

sencha.com/products/touch

jqtouch.com



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