

PhoneGap and Why

Who is this guy?

Matt Simpson

github: @coffeencoke

twitter: @railsgrammer

- ⦿ Undefined.
- ⦿ Works @asynchrony
- ⦿ Loves programming in Ruby most
- ⦿ Is not an iOS or Android developer
- ⦿ Writes and Plays music
- ⦿ Owns a Corgi named Indie...

Indie



Weight Guru

- ⦿ Health w/ Social Encouragement App
- ⦿ Many Apps
- ⦿ Many Devices (iOS, Android, Tablet, Web,
~~Windows Phone~~)
- ⦿ Server Backend
- ⦿ Fast Development

What iz, and why PhoneGap?

- HTML, Javascript, and CSS (no Objective C required)
- iOS, Android, Blackberry, Windows Phone, Palm WebOS, Bada and Symbian
- Plugin for Native Support

why? ...

- ⌚ It's free!
- ⌚ Excellent docs
- ⌚ No Objective C required :)

Show Something

- How to create a Phone Gap app

Html5, CSS & Javascript, now what?!?

- Well, use a framework, don't use a framework?

Just Kidding

- ⦿ Get a big head and write your own
- ⦿ Make mistakes
- ⦿ Realize that frameworks are awesome when used correctly

Show Old db.js file

Javascript Libraries

- ⦿ Backbone.js - Architecture Framework
- ⦿ Highcharts - Graphing
- ⦿ jquery-ui - User Interface
- ⦿ jquery-mobile - Mobile User Interface
- ⦿ mustache.js - Templates
- ⦿ less - Stylesheets

Backbone.js

- ➊ Model, View, Collection, Routing, Data Persistence, Sync, History.
- ➋ Excellent Examples and documentation
- ➌ Annotated source code is awesome

Show Backbone site

Architecture

- Models – Business or Application logic.
- Views – Presentation and user interaction
- Collections – Data persistence and access
- App Lifecycle – Load the whole app

Show Backbone.js Examples

PhoneGap plugins

- ⦿ Provides Native support within your phonegap app
- ⦿ Use an existing plugin
- ⦿ write your own plugin

Demo of Current App

- Version 1
- Version 2

Discussion

The slides, files, and notes for this demo are located at
https://github.com/coffeencoke/stl_mobile_talk_phonegap/



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