→ Mobile apps: Rhodes

Workshop #14, 2012-09-18, Vidmantas Kabošis

→ Mobile app

- Relatively simple
 - o UI
 - Capabilities
- Cross-platform

→ Rhodes: OS

- Android >= 2.1
- iPhone >= 3.0, iPad
- BlackBerry >= 4.6
- Windows Mobile 7 (8?)

→ Write once

- Rails-like
 - o MVC
 - o ERB
 - o AR
- Native capabilities
 - alerts
 - o camera
 - push notifications
 - FS access
 - 0 \...

+ rhodes gem

- RhoStudio
- RhoElements
- RhoConnect
- RhoHub
- RhoSync

→ Rhodes: architectural overview

WebView

Map View

Camera View Signature Capture View

Local Web Server

Rhodes Ruby Framework (RHOM/Controllers/Erb/Metadata Framework/Ruby Extensions)

RubyVM

DB (sqlite,hsql)

Rhodes Extensions (RhoJSON, RhoXML, Barcode)

Native View Extensions API

RhoSync Client Device Caps (Push, Contacts, Calendar, GPS, Bluetooth, etc.)

Native Extensions API Application Models/ View Templates/ Controllers and other assets

→ Let's try: rhodes

