THE CUSTOMER SUCCESS PLATFORM
SALES SERVICE MARKETING COMMUNITY ANALYTICS

Rapid Mobile Development with Salesforce1, Ionic, and Bootstrap-SF1

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Session Overview

- What is Salesforce 1 and how do we develop on it?
- Resources
- Demo
- Caveats
- QA

What is Salesforce1

- In this session we will focus on just the Salesforce1 mobile web app
- You have the ability to create Salesforce1 app's using several methods
- The most flexible method is a custom HTML UI presented through the Salesforce1 app

Why custom Visualforce Development?

- Exacting product managers who want things to look a specific way
- Flexibility in presentation and actions
- Salesforce1's Javascript API allows us to reuse some powerful views

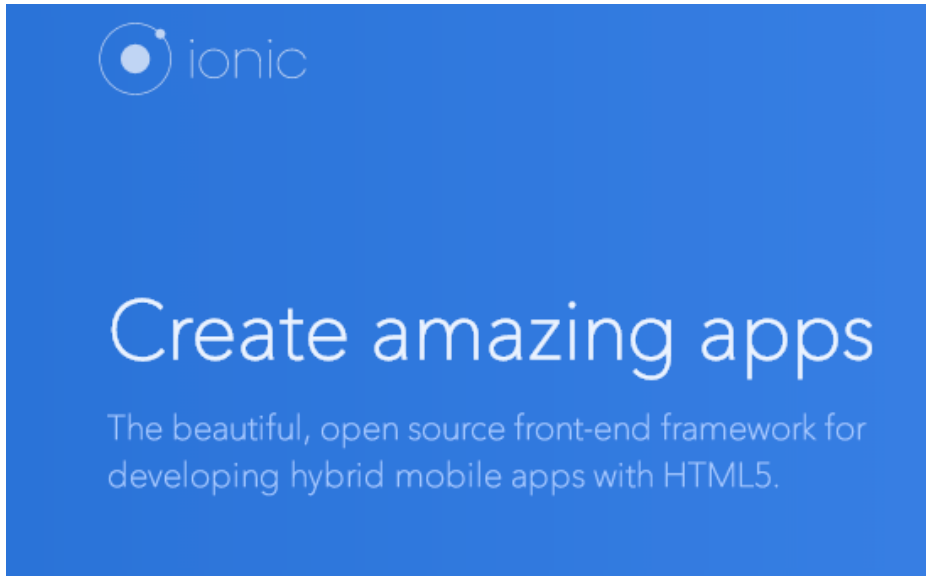
What tools should we use for this development?

- Mobile frameworks:
  - jQuery Mobile
  - Ionic (without hybrid/Cordova components)
  - Appframework???
- CSS libraries
  - Bootstrap
  - SFDC-Styleguide
  - Onestarter
  - Bootstrap-SF1
- IDE
  - Dev console
  - Mavensmate

Ionic

Mobile app framework.

The best one out there right now



Angular-JS

Dynamic web app framework

Client side MVC, Data Binding, Templating, Validation, etc!

Bootstrap-SF1

All the hardwork for matching SF1 styles done for you!

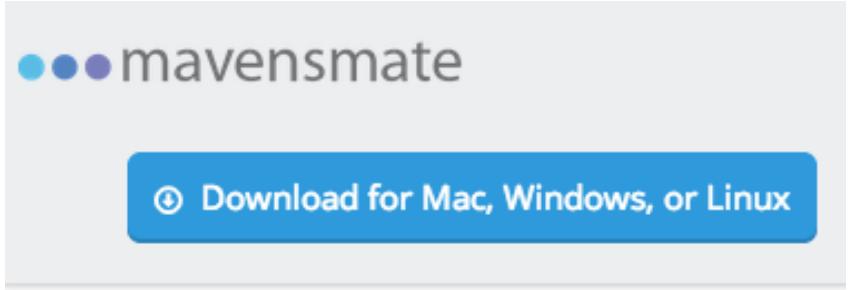
salesforce foundation

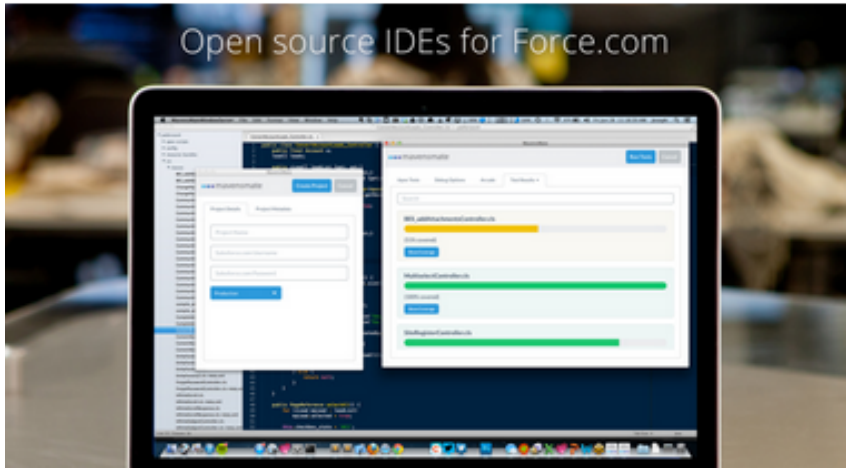
Salesforce's charitable arm

Also has a great Dev Team!

Mavensmate

Sublime Text 3 and Resource Bundles wheee!





Ionic App Demo

- Custom display of Opportunity object
- List views -> Detail -> Further Detail
- Quick actions on record from list view

Ionic Dev Demo

Caveats

- iOS webviews are slow
- Page loads wait times on tab clicks are not what the SF1 user is expecting
- Loading indicators can be tough to effectively show on initial page load

Resources

- https://github.com/mtetlow/DF14.IonicDemo
- https://github.com/metadaddy-sfdc/IssuesInGitHub
- https://developer.salesforce.com/blogs/developer-relations/2014/04/building-beautiful-mobile-apps-in-visualforce-using-angularjs-and-ionic-part-1.html
- http://ionicframework.com/docs/guide/

QA

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All about Bracket Labs

Award-winning AppExchange ISV Partner selling productivity apps. 100% native architecture, focus on usability and simplicity. Founded 2010, Boulder CO

- Campaign Calendar – Top 10 app in Marketing category
- TaskRay – Top app in Project Management and Collaboration categories
- MyDay – Salesforce Task Management
- Notable customers include GE, NBCUniversal, Kelly Services, Tata Communications, Forbes, Houghton Mifflin