

# Week 25 Day 3 - Ionic Basics

## Review

Restangular

## Ionic is...

- UI for **mobile** Angular, like Bootstrap or Material UI
  - <http://ionicframework.com/docs/components/>
  - <http://ionicframework.com/html5-input-types/#overview>
  - <http://ionicframework.com/docs/> - All docs
- app build tools for **hybrid apps** (part webview, part native)
- server (--lab for android & ios style)
- easy access to native device features
- iOS app, Android app, Windows app, mobile web **with one code base**
- AngularJS is included in the ionic.bundle.js file
- includes icons at <http://ionicons.com/>
- sample apps at <http://showcase.ionicframework.com/>
- more (viewer, creator, community)

## When to Use Ionic

- Mobile only project
- Low-medium complexity
- CRUD apps
- Need to run on multiple platforms (iOS, Android, Web)
- **If it can run well in a web browser, it can be an Ionic app**

## Ionic Setup

<http://ionicframework.com/getting-started/>

1. Install node.js
2. sudo npm install -g cordova ionic
3. ionic start myApp tabs (in your projects folder)
4. cd myApp
5. ionic serve --lab

Edit and save a page. Notice the live reload.

**Note:** All js, css, etc must be local to build into an app (no CDNs). Use "bower install ng-storage" in your project directory to get that package added to your www/lib directory.

## More Learning

<http://appcamp.io/> - AWESOME! Interactive, like codeschool.com.

## Exercise

Migrate ToDo app to a tab in the ionic tab starter.

## Prep for Tomorrow!

1. Install xcode for tomorrow (and command line build tools)
2. Install Ionic Viewer app on smartphone