

Introduction to the Ionic Framework

Jogesh K. Muppala



THE DEPARTMENT OF
COMPUTER SCIENCE & ENGINEERING
計算機科學及工程學系



香港科技大學
THE HONG KONG UNIVERSITY OF
SCIENCE AND TECHNOLOGY

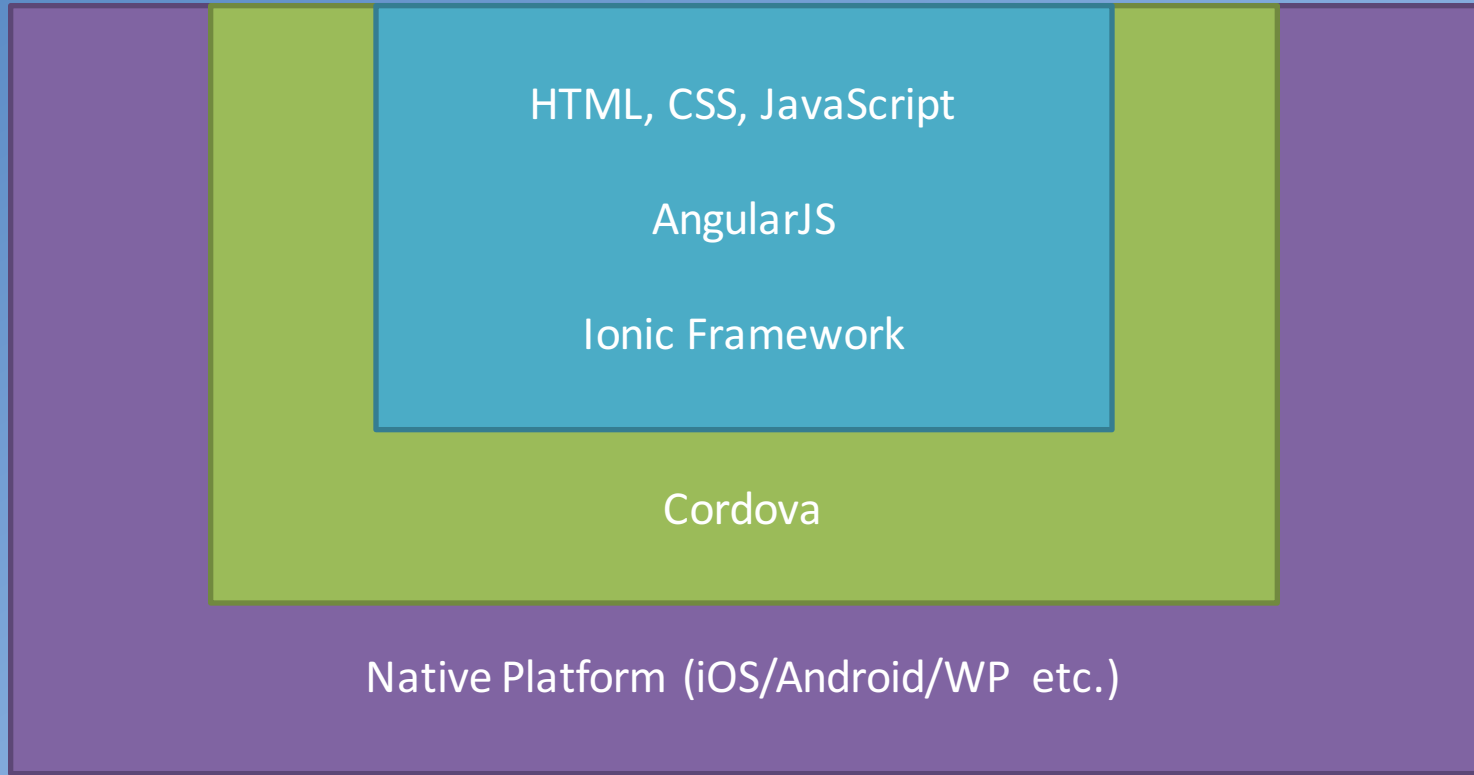
Before Ionic

- HTML5 frameworks: Bootstrap
- jQuery Mobile
- Performance issues
- Not so great user experience

Ionic Framework

- HTML5 SDK to help build apps with native look and feel
- Mainly focuses on the front-end
- Uses AngularJS

Hybrid Mobile Development



What Does Ionic Bring?

- Mobile-optimized HTML5 and CSS3 based UI Elements
 - Angular Directives
 - Native styled
 - Built with Sass

Ionic App Development

- Installing Ionic
`npm install ionic cordova -g`
- Scaffolding an App
`ionic start <app name> <starter template>`
- Adding platforms
`ionic platform add ios`
`ionic platform add android`

Exercise: Setting up the Ionic Framework

- Setting up Ionic and Cordova
- Scaffolding out an Ionic application