

Introduction to Cordova and ngCordova

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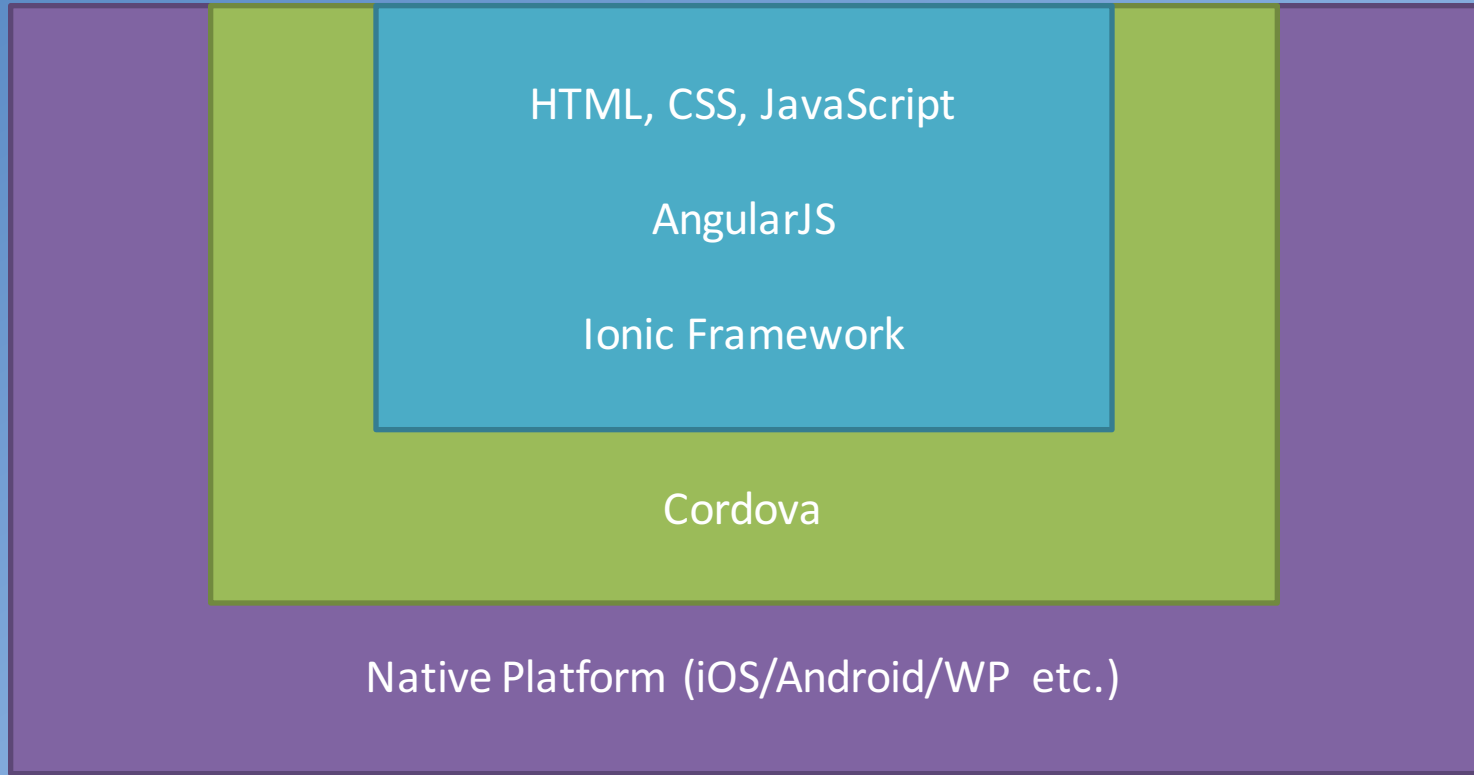


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Hybrid Mobile Development



Cordova Overview

- Open-source mobile app development framework
 - Wrappers targeted to different platforms
 - Enables access to native device's capabilities through a JavaScript API
 - Ionic apps are packaged using Cordova to enable access to the native device

Cordova History

- Cordova started as Phonegap with Nitobi in 2008
- Acquired by Adobe in 2011
 - Open-source Phonegap codebase donated to Apache for incubation
 - Became Apache Cordova
 - Phonegap trademark retained by Adobe to provide additional tools and services: PhoneGap Build etc.

Installing and Using Cordova

- Install Cordova using npm
npm install -g cordova
- Including Cordova within your app:
<script src="cordova.js"></script>
- Remember, Cordova can be tested/used only on real device or emulator

ngCordova

- **ngCordova** is a collection of **70+** AngularJS extensions on top of the Cordova API that make it easy to build, test, and deploy Cordova mobile apps with AngularJS.
 - From ngCordova.com site

Using ngCordova

- Install ngCordova within your application
`bower install ngCordova --save`
- Then include ngCordova within your index.html file:
`<script src="lib/ngCordova/dist/ng-cordova.js"></script>`
- Inject ngCordova into your Angular module:
`angular.module('conFusion', ['ionic', 'ngCordova', . . .])`