**Setting up Angular Cordova Application**

1. Install Angular via npm install –g @angular/cli
2. Install Cordova via npm install –g cordova
3. Download latest android studio to install the SDK and tools

**Create Application**

1. Create an angular app →**ng new PROJECTNAME**
2. Create in the same folder a cordova project →**cordova create cordova**

Once the project has been created, enter the project directory using cd <name-of-the-project-directory>. This folder should contain the number of folders as follows.

1. The **hooks** folder may contain scripts that customize the native Cordova commands.
2. The **merges** folder may contain HTML, CSS, and JavaScript files for specific platforms and will override with those in the www folder upon the application deployment.
3. The **platforms** folder will contain native app files when we aim to build for specific platform.
4. The **plugins** folder will contain plugins that extend Cordova.
5. The **www** folder contains general web files that are shared across platforms.
6. Then a add a platform by running this in your cordova folder →

Android - **cordova platform add android**

## Browser - **cordova platform add browser**

## IOS - **cordova platform add ios**

1. Go into the **main.ts** and make sure that we use cordova correctly on prod. mode.

const bootstrap = () => {

platformBrowserDynamic().bootstrapModule(AppModule);

};

if (typeof window['cordova'] !== 'undefined') {

document.addEventListener('deviceready',() => {

bootstrap();

},false);

} else

{

bootstrap();

}

1. Change the **base path**of your **index.html** in your angular project

<base href="./">

1. Open the **package.json** of your **cordova**project and create a new script that let us run the project in your device

"scripts": {

"test": "echo \"Error: no test specified\" && exit 1",

"cordova": "cordova run andriod --device"

},

1. Open the **package.json** of your **angular**project and change or create a new script to build your project directly into the www folder and run it after that:

"start": "npm run build && npm run --prefix ./cordova cordova",

"build": "ng build --output path .cordova/www/ --prod",

1. Execute in your Angular project → **ng serve**
2. **Cordova run android**

<https://marketplace.visualstudio.com/items?itemName=msjsdiag.cordova-tools>

<https://androidabcd.info/how-to-run-cordova-app-using-android-studio/>

<https://www.exsquared.com/blog/building-a-cordova-android-application-from-scratch/>