

Exercise (Instructions): Customizing and Controlling the Splash Screen | Coursera

Objectives and Outcomes

In this exercise you will learn how to customize the splash screen and also control the duration of its display on the screen. To do this, you will make use of Cordova through the ngCordova splash screen support. At the end of this exercise, you will be able to:

- Customize the splash screen of an Ionic application
- Control the display of the splash screen through the Cordova plugin support

Customizing the Splash Screen

- Download the icon.png and splash.png files provided above and move them to the *conFusion/resources* folder.
- At the command prompt, type the following to prepare the icon and splash screen images for different screen resolutions and densities:

```
ionic resources
```

- You can rebuild and deploy your application to the emulator or a device to observe the new splashscreen.

Updating config.xml

- Open *config.xml* file in the conFusion folder and update it by adding a new line to the preferences as follows:

```
<preference name="AutoHideSplashScreen" value="false" />
```

Updating app.js to Dismiss the Splash Screen

- Open *app.js* and update the angular module by injecting *ngCordova* as follows:

```
angular.module('conFusion', ['ionic', 'ngCordova',  
'conFusion.controllers', 'conFusion.services'])
```

- Then update the run method by injecting *\$cordovaSplashscreen* and *\$timeout* as follows:

```
.run(function($ionicPlatform, $rootScope, $ionicLoading,
$cordovaSplashscreen, $timeout) {
```

- Then, inside the `$ionicPlatform.ready()` function, add the following code:

```
    $timeout(function(){
        $cordovaSplashscreen.hide();
    },20000);
```

Updating index.html

- Open *index.html* and add the following line to the file to import *ng-cordova.js* file:

```
<script src="lib/ngCordova/dist/ng-cordova.js"></script>
```

Make sure this line is between where you import *ionic.bundle.js* and *cordova.js*

- Save the changes and then switch to your terminal.

Installing ngCordova

- At the terminal prompt, making sure you are in the *conFusion* folder, type the following to install *ngCordova*:

```
bower install ngCordova --save
```

- Then, build the app and deploy it to the emulator or a device.

Conclusions

In this exercise, you learnt the use of your first ngCordova and Cordova plugin in order to customize and control the splash screen.