

Exercise (Instructions): Displaying Loading Message During State Transition I Coursera

Objectives and Outcomes

In this exercise you will learn to make use of the support for events in Angular to trigger the showing and hiding of a loading message in your application. At the end of this exercise, you will be able to:

- Use \$rootScope to create a mechanism to display and hide loading message
- Use the ui-router events to show and hide the loading message

Updating the run method in app.js

- Open app.js and update the run method as follows:

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

- Then, add the following code to the end of the run method:

```
    $rootScope.$on('loading:show', function () {
        $ionicLoading.show({
            template: '<ion-spinner></ion-spinner> Loading ...'
        })
    });

    $rootScope.$on('loading:hide', function () {
        $ionicLoading.hide();
    });

    $rootScope.$on('$stateChangeStart', function () {
        console.log('Loading ...');
        $rootScope.$broadcast('loading:show');
    });

    $rootScope.$on('$stateChangeSuccess', function () {
        console.log('done');
        $rootScope.$broadcast('loading:hide');
    });
```

- Save the changes and examine the application.

Conclusions

In this exercise, you have learnt about watching for events and triggering some action in response to the events.