

# Exercise (Instructions): Displaying Loading Message During State Transition

## 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:

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

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

```
1     $rootScope.$on('loading:show', function () {  
2         $ionicLoading.show({  
3             template: '<ion-spinner></ion-spinner> Loading ...'  
4         })  
5     });  
6  
7     $rootScope.$on('loading:hide', function () {  
8         $ionicLoading.hide();  
9     });  
10  
11    $rootScope.$on('$stateChangeStart', function () {  
12        console.log('Loading ...');  
13        $rootScope.$broadcast('loading:show');  
14    });  
15  
16    $rootScope.$on('$stateChangeSuccess', function () {  
17        console.log('done');  
18        $rootScope.$broadcast('loading:hide');  
19    });
```

- 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.

✓ Complete

