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| Migration steps |
| Migrate source code from angular 1(coffeescript) to angular 7(typescript) |
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On-track Migration help

# Angular overview

AngularJS ( 1.x) layout is quite different from the later versions. Unlike AngularJS that uses factory and controller for implementing logic, later versions of angular use components and classes. Constructor is defined to execute default instructions when a class instance is created. Angular migration has to be done manually because there is no such tool to automate the migration. Source code has to be re-written in typescript after understanding the dependencies from existing components module.

# Up skilling required

AngularJS

Coffeescript

Angular 7

Typescript

Material for angular

Angular material dialogs make it easy to implement modal in Angular 7 written in typescript.

# On-track components layout

Each component has its own template that .tpl.html file , style sheet .scss and coffee script file that .coffeescript , hence defined and independent modules which are easy to migrate. Components are independent modal which can be best dealt by using material for angular, MAT\_DIALOG etc modules can be imported inside components.

Changes to be done:

1. Index file needs to be changed to include angular 7 directives and angular material MAT dialogs.
2. .coffeescript file will be replaced with .ts file consisting of angular 7 components and classes.
3. Import angular 7 modules and write entry components in NgModule.
4. Dependencies should be updated.

# Dependencies:

Package.json dependencies needs to be updated.

Doubtfire-angular.module.ts

Doubtfire-angularjs.module.ts

# Upgraded module:

About-doubtfire-modal has already been upgraded in angular 7.

# Confirmation modal upgrade:

This modal is being called using show function with three arguments from below location:

Task-status-card.Coffee

Task-service. Coffee

Portfolio-review-step. Coffee

Unit-tasks-editor. Coffee

Arguments passed to show function are being used to change title and message on Modal

# Path to source code:

/src/app/admin/common/modals

/src/app/admin/modal

# Resources available:

<https://material.angular.io/components/dialog/overview>

<https://www.tutorialspoint.com/angular6/angular6_data_binding.htm>