

### Routing in Angular Hybrid Application

Hybrid Application: AngularJs (1.3.7) + Angular (12)

Router:

UI-Router is used in AngularJs and `@angular/router` is used in Angular.

This document describe more about routing *AS-IS* in AngularJs and *TO-BE* in Angular.

### Imports

```
var appModule = angular.module('appModule', [ 'ui.router'
import { RouterModule } from '@angular/router'
]);
```

### State Definition

```
$stateProvider.state('userDetails', RouterModule.forChild({
  url: '/user/:id',
  views: {
    'index@': {
      templateUrl: 'userDetails.html',
      controller: 'userDetailsCtrl',
    },
  },
}));
```

### View Creation

```
<ui-view name="viewName"></ui-view> <router-outlet name="viewName"></router-outlet>
<div ui-view="viewName"></div>
```



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### Params Access

Service: \$stateParams Provider: ActivatedRoute

\$stateParams

#### Snapshot:

Navigation: user/1 => users-listing => user/2

```
constructor(private route: ActivatedRoute) { }
ngOnInit() {
    this.id = this.route.snapshot.params.id; }

```

#### Observable:

Navigation: user/1 => user/2 => user/3

```
constructor(private route: ActivatedRoute) { }
ngOnInit() {
    this.route.params.subscribe((params: ParamMap => {
        this.id = params.get('id');
    }));
}

```

### Navigation Basic

\$state.go() router.navigate()

### Navigation between AngularJs and Angular

NG1 => NG12

NG12 => NG1

using \$location service

using Location

\$location.url('/user/2');

this.location.go('/user/2')

using Router

router.navigateByUrl('/user/2')

router.navigate(['user', user.id]) // user.id=2

