



# Angular 5 CT Specialization

## Angular Material Lab 9

January 2019

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## Document Control

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## Table of Contents

Injecting the <i>Router</i> service .....	3
Getting access to the side nav component's template reference variable.....	4
Subscribing to <i>Router</i> event(s) & closing the side nav if the screen is small.....	4

## Injecting the *Router* service

1. Open **side-nav.component.ts** file & add the following import statement:  
`import {Router, NavigationEnd} from '@angular/router';`
2. Add the following parameter to the constructor of the **SideNavComponent** class:  
`private router:Router`

## Getting access to the side nav component's template reference variable

3. Add the following import statements inside the **side-nav.component.ts** file:

```
import {ViewChild} from '@angular/core';  
import {MatSidenav} from '@angular/material';
```

4. Add the following inside the **MatSideNavComponent** class:

```
//this represents the <mat-side-nav> component in the template  
@ViewChild('sidenav')  
sidenav:MatSidenav;
```

## Subscribing to *Router* event(s) & closing the side nav if the screen is small

5. Add the following code inside the constructor of the **MatSideNavComponent** class:

```
this.router.events.subscribe(  
  (event) => {  
    if(event instanceof NavigationEnd)  
    {  
      //check if the screen size is small  
      if(this.isScreenSmall())  
      {  
        //close the side nav  
        this.sidenav.close();  
      }  
    }  
  }  
);
```

6. Serve the application & navigate to **<http://localhost:4200/contactmanager>**. Open the browser console & switch to a mobile screen mode & click on a contact. Observe that once the contact is clicked, the side navigation menu closes.