

Router :: Subscribe to Route Changes

This example will change the function of a contextual button in a bootstrap/navbar

```
import { Component, OnInit } from "@angular/core";
import { Router, NavigationEnd } from "@angular/router";

import "rxjs/add/operator/filter";

@Component({
  selector: "my-app",
  templateUrl: `
    <nav class="navbar navbar-fixed-top navbar-light bg-faded">
      <a routerLink="/" class="navbar-brand">{{title}}</a>
      <div class="nav navbar-nav pull-xs-left">
        <a routerLink="/contacts" routerLinkActive="active" class="nav-item nav-
link">Contacts</a>
        <a routerLink="/features" routerLinkActive="active" class="nav-item nav-
link">Features</a>
        <a routerLink="/tools" routerLinkActive="active" class="nav-item nav-
link">Tools</a>
      </div>
      <div class="nav navbar-nav pull-xs-right">
        <button routerLink="contextButtonLink" [disabled]="!contextButtonActive"
type="button" class="btn btn-primary">{{contextButtonLabel}}</button>
      </div>
    </nav>
    <router-outlet></router-outlet>
  `
})
export class AppComponent implements OnInit {
  title:string = "My App";

  contextButtonLabel:string = "New";
  contextButtonLink:string = "/";
  contextButtonActive:boolean = false;
```

```
constructor(  
    # inject the Router  
    private router: Router,  
) {  
}  
  
ngOnInit() {  
    // subscribe to desired router changes, for example NavigationEnd events  
    this.router.events.filter(  
        e => e instanceof NavigationEnd  
    ).subscribe(  
        e => { this.contextButton(e); }  
    );  
}  
  
contextButton(event) {  
    if (event.urlAfterRedirects === "/contacts") {  
        this.contextButtonLabel = "New";  
        this.contextButtonLink = "/contacts/new";  
        this.contextButtonActive = true;  
    } else {  
        // this.contextButtonLabel = "Disabled";  
        // this.contextButtonLink = "/";  
        this.contextButtonActive = false;  
    }  
}  
}
```

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