

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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