

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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