

```

1  import { HttpEvent, HttpHandler, HttpInterceptor, HttpRequest, HttpResponse } from
    '@angular/common/http';
2  import {Observable} from 'rxjs/Observable';
3  import 'rxjs/add/operator/do';
4  import { PageLoadingService } from
    './loading-components/page-loading/page-loading.service';
5  import { Injectable } from '@angular/core';
6
7  @Injectable()
8  export class LoadingInterceptor implements HttpInterceptor {
9
10     constructor(private _loadingService: PageLoadingService) {}
11
12     intercept(req: HttpRequest<any>, next: HttpHandler): Observable<HttpEvent<any>> {
13
14         this._loadingService.show();
15
16         return next.handle(req).do(
17             (event: HttpEvent<any>) => {
18
19                 if (event instanceof HttpResponse) {
20                     this._loadingService.hide();
21                 }
22             }, (err: any) => {
23                 this._loadingService.hide();
24             }
25         );
26     }
27 }
28

```