

Angular 2 RC5 - Redirecting the route with Observable

Asked 3 years, 1 month ago Active 3 years, 1 month ago Viewed 2k times



I'm not managing to make the protected component `HeaderComponent` be redirected to the `LoginComponent` component if the value is false the function `canActivate`.

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The `HeaderComponent` component and their children are protected, only accessing the URL `http://localhost:3000/#/header/index` the screen goes blank, and I wanted it to be directed to `http://localhost:3000/#/auth` that is the login screen



Anyone know how to help me?

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auth.guard.ts

```
import {Injectable} from '@angular/core';
import {CanActivate, ActivatedRouteSnapshot, RouterStateSnapshot, Router} from
'@angular/router';
import {Observable, BehaviorSubject} from 'rxjs/Rx';
import 'rxjs/operator/take';
import {LoginService} from './login/login.service';

@Injectable()
export class AuthGuard implements CanActivate {
  constructor(private loginService: LoginService, private router: Router) {}

  canActivate(
    route: ActivatedRouteSnapshot,
    state: RouterStateSnapshot): Observable<boolean> | boolean {
    this.loginService.logado()
      .subscribe(
        data => {
          return data //true
        },
        error => {
          this.loginService.redirectUrl = state.url;
          this.router.navigate(['/auth']);
          return error //false
        }
      )
    return this.loginService.logado().take(1);
  }
}
```

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routes.component.ts

```
import {Routes, RouterModule} from '@angular/router';
import {LoginComponent} from '../login/login.component';
import {HeaderComponent} from '../header/header.component';
import {AuthGuard} from '../auth.guard';
import {UserComponent} from '../user/user.component';
import {IndexComponent} from '../index/index.component';
import {UserPasswordComponent} from '../user/user.password.component';

export const appRoutes: Routes = [
  {path: 'auth', component: LoginComponent},
  {path: 'user', component: UserPasswordComponent},
  {path: 'header', component: HeaderComponent, canActivate: [AuthGuard],
    children: [
      {path: 'index', component: IndexComponent},
      {path: 'user', component: UserComponent}
    ]
  },
  {path: '', redirectTo: 'auth', pathMatch: 'full'},
];

export const routing = RouterModule.forRoot(appRoutes);
```

redirect



observable

asked Aug 20 '16 at 1:09



rafaeltcb21

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1 Answer



It works after the repair auth.guard.ts file, using as reference [Angular2 - Extending router and Observable](#)

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auth.guard.ts



```
import {Injectable} from '@angular/core';
```

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```
import {LoginService} from './login/login.service';

@Injectable()
export class AuthGuard implements CanActivate {
  constructor(private loginService: LoginService, private router: Router) {}

  canActivate(
    route: ActivatedRouteSnapshot,
    state: RouterStateSnapshot): Observable<boolean> | boolean {
    return this.loginService.logado()
      .map(
        data => {
          if (data == false) {
            this.router.navigate(['/auth']);
            return data;
          }

          if (data == true) {
            return data;
          }
        },
        error => {
          this.router.navigate(['/auth']);
          return error
        }
      )
  }
}
```

edited May 23 '17 at 11:46



Community ♦

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answered Aug 20 '16 at 3:52



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