How to integrate angular and keyclock

1. Create new angular project.
2. Install keyclock plugin
   1. npm install keycloak-angular keycloak-js
3. Create configuration function

 refer this file to create configuration function

export function initializeKeycloak(keycloak: KeycloakService) {

    return () =>

      keycloak.init({

        config: {

          url: 'http://localhost:8080/auth',

          realm: 'interview',

          clientId: 'interview',

        },initOptions:{

            checkLoginIframe:true,

            checkLoginIframeInterval:25,

        },

        loadUserProfileAtStartUp:true

      });

  }

1. Add service and dependacy in app.module.ts
2. imports: [
3. BrowserModule,
4. AppRoutingModule,
5. FormsModule,
6. ReactiveFormsModule,
7. HttpClientModule,
8. KeycloakAngularModule
9. ],
10. providers: [
11. {
12. provide: APP\_INITIALIZER,
13. useFactory: initializeKeycloak,
14. multi: true,
15. deps: [KeycloakService],
16. },



5. auth garud



I hope you remember how to protect route.

6. how to print username :

import { KeycloakService } from 'keycloak-angular';

@Component({

  selector: 'app-home',

  templateUrl: './home.component.html',

  styleUrls: ['./home.component.css']

})

export class HomeComponent implements OnInit {

  constructor(private key:KeycloakService) {

    console.log(key.getUsername());

    console.log(key.getToken())

  }

7. when creating client in keyclock don’t forget to mention root url

Note : use localhost in configuration even if you implementing docker

This only for angular key clock configuration method.

You always protect that path is is direct routable . like -> http://localhost:8080/