

AuthService

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AuthService

Kind: Class

Source: Pams/Web/Pams.Web/Client/app/services/security/auth.service.ts (line 74)

Part of: Pams

AuthService manages client-side authentication state and access checks for the PAMS web application. It exposes methods for login verification, token access, branch switching, OTP and trusted-machine flows, and route activation decisions.

Implements: CanActivate

Methods

Method	Signature	Returns
getToken	getToken()	string
canActivate	canActivate(route: ActivatedRouteSnapshot, state: RouterStateSnapshot)	boolean
switchBranch	switchBranch(branchId: number)	string
login	login(usernameInput: string, passwordInput: string, rememberMe: boolean, cookiesCode: string)	void
saveUserLoggedInInformation	saveUserLoggedInInformation()	void
verify	verify(code: undefined, id: undefined)	void
verifiedOTPlogin	verifiedOTPlogin(username: undefined, password: undefined, id: undefined, grantCode: undefined, grantIP: undefined, isTwoFactorVerified: undefined)	void

Method	Signature	Returns
trustedMachine	trustedMachine(grantCode: string)	void
useJwtHelper	useJwtHelper()	void
verifyLogin	verifyLogin(url: string)	boolean
getSubscriptionPackages	getSubscriptionPackages()	void
HasPermission	HasPermission(data: string, ID: number, SecurityAccessTypeID: number)	any
GetCompany	GetCompany(domain: string)	void
HasPermission2	HasPermission2(PersonUserID: number, SecurityAccessTypeID: number, PageID: number)	any
userPermissionsForNewList	userPermissionsForNewList()	void
getPermissionsForSheet	getPermissionsForSheet(moduleId: number, objId: number)	any
setListOfNewPermission	setListOfNewPermission(value: ListOfNewResponse)	void
setExportLogs	setExportLogs(moduleId: number)	void
checkErrorResponse	checkErrorResponse(Response: undefined, module: string)	string
clearStoredData	clearStoredData()	void
getNotificationCount	getNotificationCount()	Observable<any>
logOut	logOut()	void

Properties

Property	Type
jwtHelper	any
userPermissions	UserPermissions[]
_listOfNewPermission	ListOfNewResponse
listOfNewPermission	any
SubscriptionPackages	number[]

Where it refuses work

- `AuthService` stops the work with an early return when `item === undefined || item === null` .
- `AuthService` stops the work with an early return when `url === 'home' || url === ''` .
- `AuthService` stops the work with an early return when `branchId === 0` .
- `AuthService` stops the work with an early return when `url === '' && this.LoggedIn` .
- `AuthService` stops the work with an early return when `SecurityAccessType` .
- `AuthService` stops the work with an early return when `module == 'users'` .

Diagram

```
graph LR
  Client[Client Component] --> AuthService[AuthService]
  AuthService --> Login[login]
  AuthService --> Verification[verify / verifyLogin]
  AuthService --> OTP[verifiedOTLogin]
  AuthService --> TrustedMachine[trustedMachine]
  AuthService --> Token[getToken]
  AuthService --> RouteGuard[canActivate]
  AuthService --> Branch[switchBranch]
  AuthService --> Jwt[useJwtHelper]
  AuthService --> Session[saveUserLoggedInInformation]
```

Usage

```
import { AuthService } from './services/security/auth.service';

export class AccountComponent {
  constructor(private readonly authService: AuthService) {}

  signIn(): void {
    this.authService.login();
  }

  canAccessProtectedRoute(): boolean {
    return this.authService.canActivate();
  }

  getCurrentToken(): string {
    return this.authService.getToken();
  }

  changeBranch(): string {
    return this.authService.switchBranch();
  }
}
```

```

    }

    validateLogin(): boolean {
        return this.authService.verifyLogin();
    }
}

```

AI Coding Instructions

- Keep authentication and session-related operations inside `AuthService` rather than duplicating token or login-state logic in components.
- Call `canActivate()` or `verifyLogin()` before allowing protected client-side actions or navigation.
- Use `getToken()` as the single access point for the current authentication token.
- Preserve the existing login flow when changing `login()`, `verify()`, `verifiedOTPLogin()`, or `trustedMachine()`, since these methods may depend on shared session state.
- Update branch-related behavior through `switchBranch()` so branch state remains consistent with the authenticated user context.

Used by

117 references from 117 files. Each is a place in this repository where the symbol is actually used — go read one rather than trusting an example.

Imported by (117)

- `AppRoutingModule` — `Pams/Web/Pams.Web/Client/app/app-routing.module.ts :1`
- `AppComponent` — `Pams/Web/Pams.Web/Client/app/app.component.ts :1`
- `MrqInquiryComponent` — `Pams/Web/Pams.Web/Client/app/components/MRQ/mrq-details/mrq-inquiry/mrq-inquiry.component.ts :1`
- `BlogsComponent` — `Pams/Web/Pams.Web/Client/app/components/blogs/blogs.component.ts :1`
- `AccountManagersComponent` — `Pams/Web/Pams.Web/Client/app/components/configuration/account-managers/account-managers.component.ts :1`
- `CompanyCurrencyComponent` — `Pams/Web/Pams.Web/Client/app/components/configuration/commercial/company-currency/company-currency.component.ts :1`

- `DeliveryTermsComponent` —
`Pams/Web/Pams.Web/Client/app/components/configuration/commercial/delivery-terms/delivery-terms.component.ts :1`
- `GuaranteeTypesComponent` —
`Pams/Web/Pams.Web/Client/app/components/configuration/commercial/guarantee-types/guarantee-types.component.ts :1`

...and 109 more.