

CanDeactivateGuard

August 17, 2026

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Kind: Class

Source: Frontend/src/app/pipes/CanDeactivateGuard.ts (line 12)

Part of: Frontend

CanDeactivateGuard determines whether a route or view can be deactivated. Its canDeactivate() method returns a boolean that calling code can use to allow or block navigation away from the current state.

Methods

Method	Signature	Returns
canDeactivate	canDeactivate(component: ComponentCanDeactivate, currentRoute: ActivatedRouteSnapshot, currentState: RouterStateSnapshot, nextState: RouterStateSnapshot)	boolean

Diagram

```
graph LR
    A[Navigation request] --> B[CanDeactivateGuard]
    B --> C[canDeactivate()]
    C --> D[Boolean result]
    D -->|true| E[Allow deactivation]
    D -->|false| F[Block deactivation]
```

Usage

```
import { CanDeactivateGuard } from './pipes/CanDeactivateGuard';

const guard = new CanDeactivateGuard();

if (guard.canDeactivate()) {
```

```
// Continue with navigation or cleanup.  
} else {  
    // Keep the current view active.  
}
```

AI Coding Instructions

- Keep `canDeactivate()` returning a boolean so callers can make a direct allow-or-block decision.
- Update navigation integration when changing the guard's deactivation behavior.
- Avoid adding side effects to `canDeactivate()` unless the calling flow expects them.
- Test both `true` and `false` outcomes in code that depends on this guard.

Used by

26 references from 26 files. Each is a place in this repository where the symbol is actually used — go read one rather than trusting an example.

Imported by (26)

- `AppRoutingModule` — `Frontend/src/app/app-routing.module.ts :1`
- `TranslateHandler` — `Frontend/src/app/app.module.ts :1`
- `MrqModule` — `Frontend/src/app/components/MRQ/mrq.module.ts :1`
- `BlogsModule` — `Frontend/src/app/components/blogs/blogs.module.ts :1`
- `ConfigurationRoutingModule` — `Frontend/src/app/components/configuration/configuration-routing.module.ts :1`
- `ActivitiesRouteModule` — `Frontend/src/app/components/dashboard/activities-route.module.ts :1`
- `DashboardModule` — `Frontend/src/app/components/dashboard/dashboard.module.ts :1`
- `TasksRouteModule` — `Frontend/src/app/components/dashboard/tasks-route.module.ts :1`

...and 18 more.