

ComponentCanDeactivate

August 18, 2026

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Kind: Class**Source:** Frontend/src/app/pipes/CanDeactivateGuard.ts (line 6)**Part of:** Frontend

`ComponentCanDeactivate` defines a component contract for navigation checks. Its `canDeactivate()` method returns a boolean that indicates whether the current component may be deactivated.

Methods

Method	Signature	Returns
<code>canDeactivate</code>	<code>canDeactivate(nextUrl: RouterStateSnapshot)</code>	<code>boolean</code>

Diagram

```
graph LR
    Component[Component] --> Contract[Contract[ComponentCanDeactivate]]
    Contract --> Check[Check[canDeactivate()]]
    Check --> Result[Result[boolean result]]
    Result --> Navigation[Navigation[Navigation decision]]
```

Usage

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

function canLeaveComponent(component: ComponentCanDeactivate): boolean {
  return component.canDeactivate();
}
```

```
// Call this before navigating away from a component.  
const allowed = canLeaveComponent(currentComponent);
```

AI Coding Instructions

- Implement `canDeactivate()` on components that need to control whether navigation can continue.
- Return `true` when the component can be deactivated and `false` when navigation should be blocked.
- Keep `canDeactivate()` focused on the navigation decision rather than changing component state.
- Connect guard logic to this method so route changes use the component's returned boolean.

Used by

31 references from 31 files. Each is a place in this repository where the symbol is actually used — go read one rather than trusting an example.

Imported by (31)

- `MrqDetailsComponent` — `Frontend/src/app/components/MRQ/mrq-details/mrq-details.component.ts :1`
- `BillingSettingsComponent` — `Frontend/src/app/components/configuration/billing-settings/billing-settings.component.ts :1`
- `NewBranchComponent` — `Frontend/src/app/components/configuration/company/main-branch/new.branch.component.ts :1`
- `CustomFieldsComponent` — `Frontend/src/app/components/configuration/custom-fields/custom-fields.component.ts :1`
- `DashboardSettingsDetailsComponent` — `Frontend/src/app/components/configuration/dashboard-settings/dashboard-settings-details/dashboard-settings-details.component.ts :1`
- `DoubleWayAuthenticationComponent` — `Frontend/src/app/components/configuration/double-way-authentication/double-way-authentication.component.ts :1`
- `DynamicValidationComponent` — `Frontend/src/app/components/configuration/dynamic-validation/dynamic-validation.component.ts :1`
- `IntegrationWithCrmsComponent` — `Frontend/src/app/components/configuration/integration-with-crms/integration-with-crms.component.ts :1`

...and 23 more.