

MrmDepreciationComponent

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MrmDepreciationComponent

Kind: Class

Source: Pams/Web/Pams.Web/Client/app/components/dashboard/dashboard-library/widgets/mrm-depreciation/mrm-depreciation.component.ts (line 77)

Part of: [Pams](#)

`MrmDepreciationComponent` is an Angular dashboard widget that checks authorization, loads and saves dashboard data, and calculates depreciation totals by year and month. It responds to initialization and change events, translates month names for display, and releases resources during destruction.

Methods

Method	Signature	Returns
<code>GetAuthorizationAccess</code>	<code>GetAuthorizationAccess(url: string)</code>	<code>void</code>
<code>ngOnInit</code>	<code>ngOnInit()</code>	<code>void</code>
<code>ngOnChanges</code>	<code>ngOnChanges()</code>	<code>void</code>
<code>ngOnDestroy</code>	<code>ngOnDestroy()</code>	<code>void</code>
<code>getDashboardData</code>	<code>getDashboardData()</code>	<code>void</code>
<code>initializingData</code>	<code>initializingData(value: BranchData[])</code>	<code>void</code>
<code>saveDashboardData</code>	<code>saveDashboardData()</code>	<code>void</code>
<code>calculateSumByYear</code>	<code>calculateSumByYear()</code>	<code>void</code>
<code>calculateSumByMonth</code>	<code>calculateSumByMonth(monthIndex: number)</code>	<code>void</code>
<code>translateMonthName</code>	<code>translateMonthName(month: BranchData)</code>	<code>string</code>
<code>getpriceFormatted</code>	<code>getpriceFormatted(x: undefined)</code>	<code>string</code>
<code>onResize</code>	<code>onResize()</code>	<code>void</code>

Method	Signature	Returns
setChaching	setChaching()	void
getChaching	getChaching()	void
switchChartTypeHandler	switchChartTypeHandler()	void
switchBasedOnTendencyHandler	switchBasedOnTendencyHandler()	void
comparingWithPrevMonth	comparingWithPrevMonth(month: BranchData, bIndex: number, propertyName: string)	string
comparingBookingWithPrevSumm	comparingBookingWithPrevSumm(month: MonthsSum, index: number, propertyName: string)	string
isCurrentMonth	isCurrentMonth(month: MonthData)	boolean
getpriceForecastAmount	getpriceForecastAmount(month: MonthData)	number
expectedCurrencyChange	expectedCurrencyChange(e: undefined)	void
selectText	selectText(e: undefined)	void
editSelectedMonthPrepare	editSelectedMonthPrepare(month: MonthData, supplierId: number)	void
openPopup	openPopup(n: string, t: string, i: string, btnTxt: string)	void
savePopup	savePopup()	void
ClosewithDonotSave	ClosewithDonotSave()	void
OnOpenedPopup	OnOpenedPopup()	void
closePopup	closePopup()	void

Properties

Property	Type
sharedPopup	SharedPopupComponent
_widget	Widget
_widgetType	string
withoutOptionBar	boolean
editMode	boolean
bookingOrSales	number

Property	Type
withNominal	boolean
selectedTeam	number
forecastRuleId	number
allowedtoEdit	boolean
allowedtoEnableEdting	boolean
widgetEditRequest	any
widgetEditEnd	any
forecastRules	any[]
selectedYear	number
numYearsDatasource	any[]
todayWidgetsEnum	any
cachingWidgetData	CachingWidgetData
data	BranchData[]
originalData	BranchData[]
selectedData	BranchData[]
singleMonths	MonthData
branchCurrency	any
basedOnTendency	boolean
subscription	Subscription
SeriseRange	any[]
echartsIntance	any
totalBookingMonths	MonthsSum[]
tempMonthSum	MonthsSum
totalTargets	number
yearBooking	number
totalForecasts	number
tempTotalTarget	TotalTargets
totalDepreciationAmount	number

Property	Type
totalOthers	number
totalTotalSGAndA	number
totalFORX	number
totalTotal	number
totalCumulative	number
totalPercentageUsedBudget	number
popup	any
searchText	string

Where it refuses work

- `MrmDepreciationComponent` stops the work with an early return when `month.MonthId == 12` .
- `MrmDepreciationComponent` stops the work with an early return when `month[propertyName] < this.data[bIndex - 1][propertyName]` .
- `MrmDepreciationComponent` stops the work with an early return when `month[propertyName] < this.totalBookingMonths[index - 1][propertyName]` .
- `MrmDepreciationComponent` stops the work with an early return when `this.allowedtoEnableEditing` .
- `MrmDepreciationComponent` stops the work with an early return when `this.allowedtoEdit` .

Diagram

```
graph LR
  A[Angular lifecycle] --> B[GetAuthorizationAccess]
  A --> C[ngOnInit]
  A --> D[ngOnChanges]
  C --> E[getDashboardData]
  E --> F[initializingData]
  F --> G[calculateSumByYear]
  F --> H[calculateSumByMonth]
  H --> I[translateMonthName]
  F --> J[saveDashboardData]
  D --> E
  A --> K[ngOnDestroy]
```

Usage

```
import { TestBed } from '@angular/core/testing';
import { MrmDepreciationComponent } from './mrm-depreciation.component';

describe('MrmDepreciationComponent', () => {
  it('loads and calculates dashboard depreciation data', async () => {
    await TestBed.configureTestingModule({
      declarations: [MrmDepreciationComponent],
    }).compileComponents();

    const fixture = TestBed.createComponent(MrmDepreciationComponent);
    fixture.detectChanges();

    const widget = fixture.componentInstance;

    widget.getDashboardData();
    widget.calculateSumByYear();
    widget.calculateSumByMonth();

    fixture.destroy();
  });
});
```

AI Coding Instructions

- Let Angular invoke `ngOnInit` , `ngOnChanges` , and `ngOnDestroy` ; do not call lifecycle methods from production feature code.
- Run authorization checks through `GetAuthorizationAccess()` before exposing or saving dashboard data.
- Keep data preparation in `initalizingData()` and keep yearly and monthly aggregation logic in their respective calculation methods.
- Preserve the month-label conversion path through `translateMonthName()` when adding chart labels or date-based display values.
- Release subscriptions, timers, or other retained resources from `ngOnDestroy()` .

Used by

3 references from 3 files. Each is a place in this repository where the symbol is actually used — go read one rather than trusting an example.

Imported by (3)

- `TranslateHandler` — `Pams/Web/Pams.Web/Client/app/app.module.ts` :1

- DashboardTabComponent — Pams/Web/Pams.Web/Client/app/components/dashboard/dashboard-library/dashboard-tab/dashboard-tab.component.ts :1
- ReportsTabComponent — Pams/Web/Pams.Web/Client/app/components/dashboard/reports-library/reports-tab/reports-tab.component.ts :1