

MrmProfitLossComponent

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MrmProfitLossComponent

Kind: Class

Source: Pams/Web/Pams.Web/Client/app/components/dashboard/dashboard-library/widgets/mrm-profit-loss/mrm-profit-loss.component.ts (line 79)

Part of: [Pams](#)

`MrmProfitLossComponent` is an Angular dashboard widget for loading, initializing, saving, and summarizing MRM profit-and-loss data. It checks authorization access, responds to Angular lifecycle events, calculates totals by year or month, and translates month names for display.

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
totalProfitAndLossAmount	number

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

Where it refuses work

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

Diagram

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

Usage

```

import { AfterViewInit, Component, ViewChild } from '@angular/core';
import { MrmProfitLossComponent } from './mrm-profit-loss.component';

@Component({
  selector: 'app-dashboard-page',
  template: `
    <button type="button" (click)="refreshProfitLoss()">
      Refresh
    </button>

    <button type="button" (click)="saveProfitLoss()">
      Save
    </button>
  `,
})
export class DashboardPageComponent implements AfterViewInit {
  @ViewChild(MrmProfitLossComponent)
  profitLossWidget!: MrmProfitLossComponent;

  ngAfterViewInit(): void {
    this.profitLossWidget.getDashboardData();
  }

  refreshProfitLoss(): void {
    this.profitLossWidget.getDashboardData();
  }

  saveProfitLoss(): void {
    this.profitLossWidget.saveDashboardData();
  }
}

```

AI Coding Instructions

- Keep authorization checks in `GetAuthorizationAccess()` before loading or saving dashboard data.
- Let Angular call `ngOnInit()`, `ngOnChanges()`, and `ngOnDestroy()`; do not invoke lifecycle hooks from application code.
- Call `initializingData()` after dashboard data is loaded and before calculating year or month totals.
- Keep year and month aggregation logic in `calculateSumByYear()` and `calculateSumByMonth()` rather than duplicating calculations in parent components.
- Use `translateMonthName()` when rendering month labels instead of formatting month names in templates.

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`