

MrmSgAComponent

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Kind: Class

Source: Frontend/src/app/components/dashboard/dashboard-library/widgets/mrm-sg-a/mrm-sg-a.component.ts (line 80)

Part of: Frontend

MrmSgAComponent is an Angular dashboard widget component for managing MRM SG&A dashboard data. It checks feature subscription access, initializes and saves data, calculates monthly and yearly sums, and formats month and price values for display.

Extends: BaseWidgetComponent

Methods

Method	Signature	Returns
checkFeatureSubscription	checkFeatureSubscription()	boolean
ngOnInit	ngOnInit()	void
ngOnChanges	ngOnChanges()	void
getDashboardData	getDashboardData()	void
initializingData	initializingData(value: BranchData[])	void
saveDashboardData	saveDashboardData()	void
calculateSumByYear	calculateSumByYear()	void
calculateSumByMonth	calculateSumByMonth(monthIndex: number)	void
translateMonthName	translateMonthName(month: BranchData)	string
getpriceFormatted	getpriceFormatted(x: undefined)	string
onResize	onResize()	void

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
yearId	number
periodId	number
countOfEditablePrevMonths	number

Property	Type
withoutOptionBar	boolean
editMode	boolean
bookingOrSales	number
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
SeriseRange	any[]
echartsIntance	any
totalBookingMonths	MonthsSum[]
tempMonthSum	MonthsSum
totalBudget	number
yearBooking	number
totalForecasts	number

Property	Type
tempTotalTarget	TotalTargets
totalSalaries	number
totalOthers	number
totalTotalSGAndA	number
totalFORX	number
totalTotal	number
totalCumulative	number
totalPercentageUsedBudget	number
popup	any
searchText	string
pastDiff	number
urrenFeature	number

Where it refuses work

- `MrmSgAComponent` stops the work with an early return when `this.dashboardLibraryService.checkFeatureSubscription(this.widget.chartEnumId)` .
- `MrmSgAComponent` stops the work with an early return when `month.MonthId == 12` .
- `MrmSgAComponent` stops the work with an early return when `month[propertyName] < this.data[bIndex - 1][propertyName]` .
- `MrmSgAComponent` stops the work with an early return when `month[propertyName] < this.totalBookingMonths[index - 1][propertyName]` .
- `MrmSgAComponent` stops the work with an early return when `AppSettings.calculateMonthsBeforeToday(month.YearId, month.MonthId -1) == 0 || AppSetting...` .

Diagram

```
graph LR
    Component[MrmSgAComponent]
    Component --> Lifecycle[Lifecycle methods]
    Lifecycle --> Init[ngOnInit]
    Lifecycle --> Changes[ngOnChanges]
```

```

Component --> Access[Feature access]
Access --> Subscription[checkFeatureSubscription]

Component --> Data[Dashboard data]
Data --> Load[getDashboardData]
Data --> Initialize[initializingData]
Data --> Save[saveDashboardData]

Component --> Calculations[Calculations]
Calculations --> Year[calculateSumByYear]
Calculations --> Month[calculateSumByMonth]

Component --> Formatting[Display formatting]
Formatting --> MonthName[translateMonthName]
Formatting --> Price[getpriceFormatted]

```

Usage

```

import { MrmSgAComponent } from './mrm-sg-a.component';

// Access the component instance after Angular creates it.
const component: MrmSgAComponent = fixture.componentInstance;

component.ngOnInit();

if (component.checkFeatureSubscription()) {
  component.getDashboardData();
  component.calculateSumByYear();
  component.calculateSumByMonth();

  const monthName = component.translateMonthName();
  const formattedPrice = component.getpriceFormatted();

  console.log({ monthName, formattedPrice });
}

```

AI Coding Instructions

- Keep data initialization and refresh behavior aligned with `ngOnInit` and `ngOnChanges` .
- Check `checkFeatureSubscription()` before loading or displaying subscription-dependent dashboard content.
- Keep monthly calculations in `calculateSumByMonth()` and yearly calculations in `calculateSumByYear()` .

- Use `translateMonthName()` and `getpriceFormatted()` for display formatting instead of duplicating formatting logic.
- Preserve the existing `initializingData()` method name when calling it, including its current spelling.

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)

- `DashboardTabComponent` — `Frontend/src/app/components/dashboard/dashboard-library/dashboard-tab/dashboard-tab.component.ts :1`
- `DashboardWidgetsModule` — `Frontend/src/app/components/dashboard/dashboard-widgets.module.ts :1`
- `ReportsTabComponent` — `Frontend/src/app/components/reports/reports-library/reports-tab/reports-tab.component.ts :1`