

# PrincipalReportComponent

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## PrincipalReportComponent

**Kind:** Class

**Source:** Frontend/src/app/components/dashboard/\_principalReport/principal-report.component.ts (line 86)

**Part of:** Frontend

PrincipalReportComponent manages the principal dashboard report view. It handles introduction modal state, date and numeral formatting, report period changes, window resizing, and page-number retrieval for report navigation.

**Implements:** OnInit

## Methods

| Method                            | Signature                                      | Returns |
|-----------------------------------|------------------------------------------------|---------|
| openIntroductionAndOutlinesPopup  | openIntroductionAndOutlinesPopup()             | void    |
| closeIntroductionAndOutlinesModal | closeIntroductionAndOutlinesModal()            | void    |
| formatDate                        | formatDate(date: undefined)                    | void    |
| NumeralConversionDefault          | NumeralConversionDefault(num: number)          | void    |
| resizeWindow                      | resizeWindow()                                 | void    |
| ngOnInit                          | ngOnInit()                                     | void    |
| BookingHistoryPeriodChanged       | BookingHistoryPeriodChanged(period: string)    | void    |
| DeliveriesHistoryPeriodChanged    | DeliveriesHistoryPeriodChanged(period: string) | void    |
| OverallAnalysisPeriodChanged      | OverallAnalysisPeriodChanged(period: string)   | void    |
| getPageNumber                     | getPageNumber(pageId: string)                  | number  |

| Method                          | Signature                                                                    | Returns |
|---------------------------------|------------------------------------------------------------------------------|---------|
| getAllLookups                   | getAllLookups()                                                              | void    |
| AddInquiriesCol                 | AddInquiriesCol(e: undefined)                                                | void    |
| RemoveInquiriesCol              | RemoveInquiriesCol(e: undefined)                                             | void    |
| AddOffersCol                    | AddOffersCol(e: undefined)                                                   | void    |
| RemoveOffersCol                 | RemoveOffersCol(e: undefined)                                                | void    |
| getImagesFroPrint               | getImagesFroPrint(accountId: number)                                         | void    |
| downloadLogoByLogoId            | downloadLogoByLogoId(logoId: string, FileModules: number, accountId: number) | void    |
| getBase64Image                  | getBase64Image(img: undefined)                                               | void    |
| GenerateNewReport               | GenerateNewReport()                                                          | void    |
| GenerateReport                  | GenerateReport()                                                             | void    |
| checkForCachedData              | checkForCachedData()                                                         | void    |
| prepareGeneratedReportParameter | prepareGeneratedReportParameter()                                            | void    |
| prepareGeneratedReportData      | prepareGeneratedReportData()                                                 | void    |
| PrintReport                     | PrintReport()                                                                | void    |
| scroll                          | scroll(id: undefined)                                                        | void    |
| isScrolledIntoView              | isScrolledIntoView(id: undefined)                                            | void    |
| checkScrolledIntoView           | checkScrolledIntoView()                                                      | void    |
| onAccountTypeChange             | onAccountTypeChange(e: undefined)                                            | void    |
| onPrincipalChange               | onPrincipalChange(e: undefined)                                              | void    |
| onPrincipalRemove               | onPrincipalRemove(e: undefined)                                              | void    |
| onClientChange                  | onClientChange(e: undefined)                                                 | void    |
| onClientRemove                  | onClientRemove(e: undefined)                                                 | void    |
| onGridContentReady              | onGridContentReady(e: undefined)                                             | void    |
| chooseWidget                    | chooseWidget(e: undefined)                                                   | void    |
| onClientFilterChange            | onClientFilterChange(e: undefined)                                           | void    |
| onProductTypeChange             | onProductTypeChange(e: undefined)                                            | void    |
| onStatusChange                  | onStatusChange(e: undefined)                                                 | void    |

| Method                | Signature                                                  | Returns |
|-----------------------|------------------------------------------------------------|---------|
| onSelectAllCharts     | onSelectAllCharts()                                        | void    |
| ClosewithDonotSave    | ClosewithDonotSave()                                       | void    |
| openTimeFrameOptions  | openTimeFrameOptions()                                     | void    |
| openSettingsOptions   | openSettingsOptions()                                      | void    |
| TimeFrameValueChanged | TimeFrameValueChanged()                                    | void    |
| OnOpenedPopup         | OnOpenedPopup()                                            | void    |
| openPopup             | openPopup(n: string, t: string, i: string, btnTxt: string) | void    |
| savePopup             | savePopup()                                                | void    |
| closePopup            | closePopup()                                               | void    |
| ngDoCheck             | ngDoCheck()                                                | void    |
| validate              | validate(e: undefined)                                     | void    |
| selectText            | selectText(e: undefined)                                   | void    |
| ngOnDestroy           | ngOnDestroy()                                              | void    |

## Properties

| Property                 | Type                       |
|--------------------------|----------------------------|
| sharedPopup              | SharedPopupComponent       |
| GenerateReportValidation | DxValidationGroupComponent |
| TimeFrameValidation      | DxValidationGroupComponent |
| RunningJobs              | ElementRef                 |
| SalesOverview            | ElementRef                 |
| FirmOffersElement        | ElementRef                 |
| OrdersStatusElement      | ElementRef                 |
| LostAnalysisElement      | ElementRef                 |
| OrdersBookingElement     | ElementRef                 |
| DeliveredOrdersElement   | ElementRef                 |
| SubmittedOffersElement   | ElementRef                 |

| Property                       | Type             |
|--------------------------------|------------------|
| OverallAnalysisElement         | ElementRef       |
| subscription                   | Subscription     |
| LodingPanalMessage             | any              |
| loadingVisible                 | any              |
| principals                     | any              |
| clients                        | any              |
| accountsInfo                   | PrincipalsInfo[] |
| selectedAccountInfo            | number[]         |
| SelectedAccount                | string[]         |
| SelectedPrincipalId            | number           |
| SelectedClientId               | number           |
| clientsFilters                 | any              |
| accountType                    | any              |
| productTypes                   | any              |
| Status                         | any              |
| SelectedStatuses               | any              |
| TempKey                        | string           |
| Periods                        | any              |
| DateDisplayFormat              | any              |
| dateDisplayFormatForTypeScript | any              |
| DateDisplayFormatForMoment     | any              |
| UseDate                        | boolean          |
| UsePeriod                      | boolean          |
| ClientsPerChart                | number           |
| SelectAllCharts                | boolean          |
| ThisYear                       | any              |
| TimeValue                      | number           |
| TimePeriod                     | number           |

| Property             | Type    |
|----------------------|---------|
| LostTotalAmount      | number  |
| LostTotalCount       | number  |
| SubmittedTotalCount  | number  |
| SubmittedTotalAmount | number  |
| HitRateCount         | number  |
| HitRateValue         | number  |
| ReportData           | any     |
| ReportIsReady        | boolean |
| GeneratedReport      | boolean |
| isGenerating         | boolean |
| dataBackdrop         | string  |

## Where it refuses work

- PrincipalReportComponent stops the work with an early return when `date` .
- PrincipalReportComponent stops the work with an early return when `this.isGenerating` .
- PrincipalReportComponent stops the work with an early return when `dataField == "OfferTotalPrice" || dataField == "OrderTotalPrice" || dataField == "OrderBa...` .
- PrincipalReportComponent stops the work with an early return when `id == ReportSettingsEnum.ReportIntroduction` .
- PrincipalReportComponent stops the work with an early return when `id == ReportSettingsEnum.ReportSalesAnalysis` .
- PrincipalReportComponent stops the work with an early return when `id == ReportSettingsEnum.ReportLostOpportunities` .

## Diagram

```
graph LR
  Dashboard[Dashboard View] --> Report[PrincipalReportComponent]
  Report --> Init[ngOnInit]
  Report --> Modal[Introduction and Outlines Modal]
  Report --> Formatting[Date and Numeral Formatting]
  Report --> Periods[History and Analysis Period Changes]
```

```
Report --> Resize[resizeWindow]
Report --> Pagination[getPageNumber]

Modal --> Open[openIntroductionAndOutlinesPopup]
Modal --> Close[closeIntroductionAndOutlinesModal]
Periods --> Booking[BookingHistoryPeriodChanged]
Periods --> Deliveries[DeliveriesHistoryPeriodChanged]
Periods --> Analysis[OverallAnalysisPeriodChanged]
```

## Usage

```
import { AfterViewInit, Component, ViewChild } from '@angular/core';
import { PrincipalReportComponent } from '../components/dashboard/_principalReport/principal-report.component';

@Component({
  selector: 'app-dashboard-host',
  template: `
    <app-principal-report></app-principal-report>
    <button (click)="showReportIntroduction()">Show introduction</button>
  `,
})
export class DashboardHostComponent implements AfterViewInit {
  @ViewChild(PrincipalReportComponent)
  reportComponent!: PrincipalReportComponent;

  ngAfterViewInit(): void {
    const pageNumber: number = this.reportComponent.getPageNumber();
    console.log('Current report page:', pageNumber);
  }

  showReportIntroduction(): void {
    this.reportComponent.openIntroductionAndOutlinesPopup();
  }

  closeReportIntroduction(): void {
    this.reportComponent.closeIntroductionAndOutlinesModal();
  }
}
```

## AI Coding Instructions

- Keep modal interactions paired: open the introduction view with `openIntroductionAndOutlinesPopup()` and dismiss it with `closeIntroductionAndOutlinesModal()`.
- Call report setup through Angular lifecycle hooks rather than invoking `ngOnInit()` from other components.

- Connect booking, delivery, and overall-analysis controls to their matching period-change methods.
- Preserve the return type of `getPageNumber()` as `number` when passing pagination state to related dashboard views.

## Used by

2 references from 2 files. Each is a place in this repository where the symbol is actually used — go read one rather than trusting an example.

## Imported by (2)

- `DashboardWidgetsModule` — `Frontend/src/app/components/dashboard/dashboard-widgets.module.ts :1`
- `PrincipalReportRouteModule` — `Frontend/src/app/components/dashboard/principal-report-route.module.ts :1`