

AdvanceGridComponent

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AdvanceGridComponent

Kind: Class

Source: Frontend/src/app/components/shared/advance-grid/advance-grid.component.ts (line 21)

Part of: Frontend

AdvanceGridComponent is an Angular shared component that manages grid pagination, page visibility, and grid update handling. It initializes paging state, responds to Angular change detection, and exposes methods for moving between pages or checking grid-related callbacks.

Implements: OnInit , DoCheck

Methods

Method	Signature	Returns
ngDoCheck	ngDoCheck()	void
ngOnInit	ngOnInit()	void
setPages	setPages(goToLastPage: boolean)	void
checkFullPage	checkFullPage(index: undefined)	boolean
goToPage	goToPage(index: number)	void
prevPage	prevPage()	void
nextPage	nextPage()	void
visibleAddNew	visibleAddNew()	void
checkCallback	checkCallback(button: PopOverButtonData)	void
cellUpdated_Handler	cellUpdated_Handler(e: undefined)	void
CallisProcessActive	CallisProcessActive(accessList: undefined, accessStatusId: undefined)	void
onDocumentKeyUp	onDocumentKeyUp(event: undefined)	void
onDocumentClick	onDocumentClick(event: undefined)	void
closeAllRequest_Handler	closeAllRequest_Handler(e: undefined)	void

Method	Signature	Returns
<code>selectAllRows</code>	<code>selectAllRows(e: undefined)</code>	<code>void</code>
<code>rowSelectedRequest_Handler</code>	<code>rowSelectedRequest_Handler(row: undefined)</code>	<code>void</code>
<code>rowOutputPopOverClicked_Handler</code>	<code>rowOutputPopOverClicked_Handler(e: undefined)</code>	<code>void</code>
<code>customizeSelect_allbutton</code>	<code>customizeSelect_allbutton()</code>	<code>void</code>
<code>PopoverSingleRowClick</code>	<code>PopoverSingleRowClick(e: undefined)</code>	<code>void</code>
<code>Popover_Click</code>	<code>Popover_Click(status: undefined, bool: undefined)</code>	<code>void</code>
<code>IsUnitized</code>	<code>IsUnitized()</code>	<code>void</code>
<code>unitizedRequested_Click</code>	<code>unitizedRequested_Click()</code>	<code>void</code>
<code>packageRequested_Click</code>	<code>packageRequested_Click()</code>	<code>void</code>
<code>splitRequested_Click</code>	<code>splitRequested_Click()</code>	<code>void</code>
<code>splitSingleClick</code>	<code>splitSingleClick(e: undefined)</code>	<code>void</code>
<code>unitizedSingleClick</code>	<code>unitizedSingleClick(e: undefined)</code>	<code>void</code>
<code>packageSingleClick</code>	<code>packageSingleClick(e: undefined)</code>	<code>void</code>
<code>findColumn</code>	<code>findColumn(columnFieldName: string)</code>	<code>AdvColumn</code>
<code>selectedHasPackage</code>	<code>selectedHasPackage()</code>	<code>boolean</code>
<code>selectedHasItemized</code>	<code>selectedHasItemized()</code>	<code>boolean</code>
<code>showPackageUnitizeDependOnSelectedRows</code>	<code>showPackageUnitizeDependOnSelectedRows(checkType: string)</code>	<code>void</code>
<code>deleteRowRequest_Handler</code>	<code>deleteRowRequest_Handler(rowIndex: number)</code>	<code>void</code>
<code>deleteMultiRows</code>	<code>deleteMultiRows()</code>	<code>void</code>
<code>deleteItemConfirmation</code>	<code>deleteItemConfirmation(rowIndex: number)</code>	<code>void</code>
<code>deleteItemsConfirmation</code>	<code>deleteItemsConfirmation()</code>	<code>void</code>
<code>closeDeleteModal</code>	<code>closeDeleteModal()</code>	<code>void</code>
<code>getDeleteModalMessage</code>	<code>getDeleteModalMessage()</code>	<code>string</code>
<code>confirmDelete</code>	<code>confirmDelete()</code>	<code>void</code>
<code>saveRowManually_Handler</code>	<code>saveRowManually_Handler(row: undefined)</code>	<code>void</code>
<code>addNewRow</code>	<code>addNewRow(e: CellItemEvent)</code>	<code>void</code>
<code>nextCellRequest_Handler</code>	<code>nextCellRequest_Handler(e: CellItemEvent)</code>	<code>void</code>
<code>isColumnDisabledOnValue</code>	<code>isColumnDisabledOnValue(rowIndex: number, index: number)</code>	<code>void</code>

Method	Signature	Returns
getNextRowNumber	getNextRowNumber(rowIndex: number, index: number)	void
rowHovered_Handler	rowHovered_Handler(rowIndex: number)	void
setFocusedRow	setFocusedRow(rowIndex: number)	void
openEdit	openEdit(rowIndex: number)	void
closeEdit	closeEdit()	void
colSpanCount	colSpanCount()	void
ngOnDestroy	ngOnDestroy()	void
OnOpenedPopup	OnOpenedPopup()	void

Properties

Property	Type
advancedGridTbody	ElementRef
rowComponents	QueryList<AdvRowComponent>
sharedPopup	SharedPopupComponent
splitRowComponent	SplitRowComponent
focusedRow	AdvRowComponent
focusedRowIndex	number
_columns	BehaviorSubject<AdvColumn[]>
_dataSource	BehaviorSubject<any[]>
readOnly	boolean
maxRows	number
highlightedRowIndex	number
colWidth	string
rowHeight	string
serialEnabled	boolean
selectEnabled	boolean
selectAllEnabled	boolean
deleteColumnEnabled	boolean
actionsDropdownEnabled	boolean
deleteManuallyHandled	boolean

Property	Type
allowDeleteRow	boolean
saveColumnEnabled	boolean
headerVisible	boolean
handlerEnabled	boolean
statusEnabled	boolean
addButton	addButton
serialField	string
splittedEnabled	boolean
splittedSerialField	string
selectField	string
keyField	string
cssClass	string
isProcessActive	boolean
disabledTriggerField	string
hidePackageUnitizeSwitch	boolean
ImportOption	any
_PopOverButtons	BehaviorSubject<PopOverButtonData[]>
newRowRequested	EventEmitter<any>
unitizedRequested	EventEmitter<any>
packageRequested	EventEmitter<any>
splitRequested	EventEmitter<any>
RowChecked	EventEmitter<any>
OutputPopOverArray	EventEmitter<any[]>
OutputPopOverClicked	EventEmitter<any[]>
parameterOfisProcessActive	EventEmitter<any>
cellUpdated	EventEmitter<any>
selectedLiveDatasourceValue	EventEmitter<any>
deleteRowRequest	any
deleteMultiRowsRequest	any
deleteRowConfirmed	any
saveRowRequest	any

Where it refuses work

- `AdvanceGridComponent` stops the work with an early return when `this.isColumnDisabledOnValue(rowIndex, index)` , in 2 places.
- `AdvanceGridComponent` stops the work with an early return when `!this.tempCellItemEvent` .
- `AdvanceGridComponent` stops the work with an early return when `event.row >= value.length` .
- `AdvanceGridComponent` stops the work with an early return when `this.datasourcePages[index].length > this.pageSize` .
- `AdvanceGridComponent` stops the work with an early return when `!this.addButton` .
- `AdvanceGridComponent` stops the work with an early return when `this.addButton.displayLogic` .

Diagram

```
graph LR
  A[AdvanceGridComponent] --> B[ngOnInit]
  A --> C[ngDoCheck]
  B --> D[setPages]
  C --> E[checkFullPage]
  A --> F[goToPage]
  A --> G[prevPage]
  A --> H[nextPage]
  A --> I[visibleAddNew]
  A --> J[checkCallback]
  A --> K[cellUpdated_Handler]
```

Usage

```
import { Component, ViewChild } from '@angular/core';
import { AdvanceGridComponent } from '../components/shared/advance-grid/advance-grid.component';

@Component({
  selector: 'app-grid-page',
  template: `
    <app-advance-grid #grid></app-advance-grid>

    <button type="button" (click)="previousPage()">Previous</button>
    <button type="button" (click)="nextPage()">Next</button>
  `,
})
export class GridPageComponent {
  @ViewChild('grid') grid?: AdvanceGridComponent;

  previousPage(): void {
    this.grid?.prevPage();
  }

  nextPage(): void {
    this.grid?.nextPage();
  }
}
```

```

refreshPagination(): void {
  this.grid?.setPages();

  if (this.grid?.checkFullPage()) {
    this.grid.goToPage();
  }
}
}
}

```

AI Coding Instructions

- Keep paging state changes inside `setPages` , `goToPage` , `prevPage` , and `nextPage` rather than duplicating page calculations in parent components.
- Do not call `ngOnInit` or `ngDoCheck` directly; Angular invokes lifecycle hooks.
- Call `setPages` after changing the grid data source or conditions that affect page availability.
- Use `checkFullPage` before page-navigation behavior that depends on whether the current page is full.
- Preserve callback and cell-update handling through `checkCallback` and `cellUpdated_Handler` when extending grid event behavior.

Used by

6 references from 6 files. Each is a place in this repository where the symbol is actually used — go read one rather than trusting an example.

Imported by (6)

- `ProcurementOfferComponent` — `Frontend/src/app/components/procurement/procurement-details/procurement-offer/procurement-offer.component.ts :1`
- `ProcurementOrderComponent` — `Frontend/src/app/components/procurement/procurement-details/procurement-order/procurement-order.component.ts :1`
- `PurchasingOfferComponent` — `Frontend/src/app/components/purchasing/purchasing-details/purchasing-offer/purchasing-offer.component.ts :1`
- `OrderPanelDetailsComponent` — `Frontend/src/app/components/sales/new-job/order-panel-details/order-panel-details.component.ts :1`
- `TranslateHandler` — `Frontend/src/app/components/shared/shared.module.ts :1`
- `ReceivedPurchaseOrderComponent` — `Frontend/src/app/components/warehouse/receiving-shipment-details/received-purchase-order/received-purchase-order.component.ts :1`