



PAMS

DashboardWidget

Kind: Class

VERSION
4

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DOCUMENT
reference-subsystem-pams/class-dashboardwidget-2

CONTENTS

1	Methods	2	5	Usage	4
2	Properties	2	6	AI Coding Instructions	5
3	Where it refuses work	4	7	Relationships	5
4	Diagram	4	8	Used by	5

Kind: Class

Source: `Pams/Web/Pams.WebApp/Client/app/models/dashboard/dashboard-widget.model.ts` (line 11)

Part of: [Pams](#)

`DashboardWidget` manages the state and data transformations for a dashboard widget. It synchronizes labels, responds to data-source and color changes, builds schemas, combines selections, and refreshes chart and pie data.

1 Methods

Method	Signature	Returns
<code>syncLabels</code>	<code>syncLabels(source: Array<string>)</code>	<code>void</code>
<code>DataSourceChanged</code>	<code>DataSourceChanged()</code>	<code>void</code>
<code>ChangeColor</code>	<code>ChangeColor(serial: string, value: string)</code>	<code>void</code>
<code>BuildSchema</code>	<code>BuildSchema()</code>	<code>void</code>
<code>CombaineSelection</code>	<code>CombaineSelection()</code>	<code>void</code>
<code>updateCharts</code>	<code>updateCharts()</code>	<code>void</code>
<code>createPieData</code>	<code>createPieData(dataSource: undefined, chart: undefined)</code>	<code>void</code>

2 Properties

Property	Type
<code>ID</code>	<code>number</code>
<code>PrimaryID</code>	<code>number</code>
<code>DisplayID</code>	<code>string</code>
<code>Caption</code>	<code>string</code>
<code>DatasourceInit</code>	<code>any[]</code>
<code>Datasource</code>	<code>any</code>

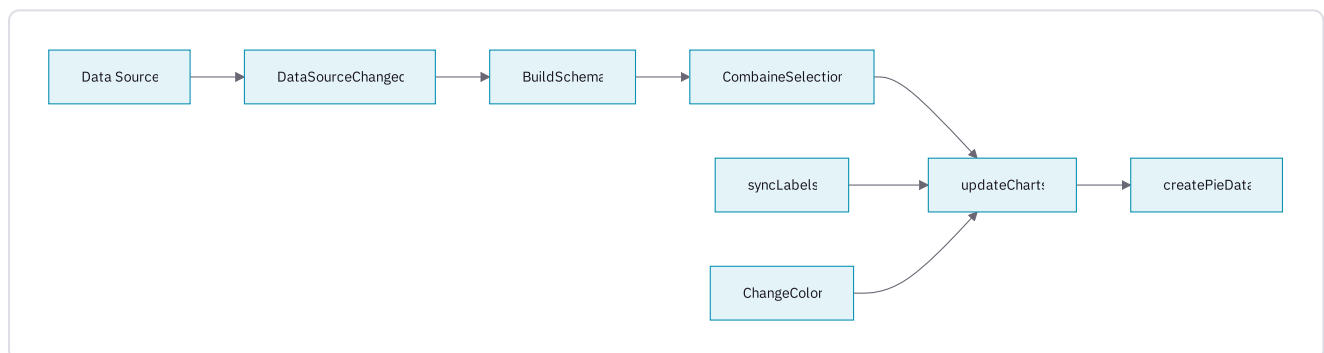
OriginalDatasource	any
MasterFilter	boolean
AcceptFilter	any[]
charts	any
FilterString	string
FilterSelectionType	string
ChartSeriseSelectionType	string
CurrentData	any
table	Table
view	View
isTable	boolean
Operations	any[]
DataOperations	DashboardDataFields[]
IsSelected	boolean
isNested	boolean
Stacked	boolean
ExpBar	boolean
selectedArgument	Array<DimensionField>
selectedSerise	Array<DimensionField>
AutoColoredMeasure	boolean
ColorschemaList	Array<schema>
colorCounter	number
colorPlatte	any
Item	GridStackItem

WidgetType	DashboardWidgetTypeEnum
GridStackMainWidth	number
ColorContext	any
ColorBehavior	boolean
widgetLabels	Array<{label:string ,priority:number}>

3 Where it refuses work

- `DashboardWidget` stops the work with an early return when `inx == all_Fields.length`.

4 Diagram



5 Usage

```
import { DashboardWidget } from './models/dashboard/dashboard-widget.model';

const widget = new DashboardWidget();

widget.DataSourceChanged();
widget.syncLabels();
widget.ChangeColor();
widget.BuildSchema();
widget.CombaineSelection();
widget.updateCharts();
widget.createPieData();
```

6 AI Coding Instructions

- Keep chart refresh logic within `updateCharts()` so data updates follow a single path.
- Call `BuildSchema()` after a data-source change when widget fields or chart configuration must be rebuilt.
- Keep label updates in `syncLabels()` rather than changing chart labels directly in calling code.
- Preserve the existing `CombaineSelection()` method name when calling or modifying the class.

7 Relationships

- IMPORTS → `DashboardWidgetTypeEnum`
- IMPORTS → `Table`
- IMPORTS → `View`
- IMPORTS → `platte`
- IMPORTS → `Query`
- IMPORTS → `DashboardDataFields`
- IMPORTS → `DataTypeEnum`
- IMPORTS → `OperationTypeEnum`
- IMPORTS → `QueryTypeEnum`
- IMPORTS → `chartType`
- IMPORTS → `DimensionField`
- IMPORTS → `DateGroupEnum`

8 Used by

1 reference from 1 file. Each is a place in this repository where the symbol is actually used — go read one rather than trusting an example.

Imported by (1)

- `DashboardGroup` — `Pams/Web/Pams.WebApp/Client/app/models/dashboard/dashboard-group.model.ts:2`