

GroupOperation

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GroupOperation

Kind: Class**Source:** Pams/Web/Pams.Web/Client/app/models/dashboard/dashboard-data-fields.ts (line 229)**Part of:** [Pams](#)

`GroupOperation` stores dashboard grouping field metadata, including stored name, field name, caption, group type, and data type. Dashboard code can populate it through setter methods and read configured values and visibility through getter methods and `isHidden()`.

Methods

Method	Signature	Returns
<code>SetStoredName</code>	<code>SetStoredName(name: string)</code>	<code>void</code>
<code>GetFieldName</code>	<code>GetFieldName()</code>	<code>string</code>
<code>SetFieldName</code>	<code>SetFieldName(name: string)</code>	<code>void</code>
<code>GetType</code>	<code>GetType()</code>	<code>DateGroupEnum</code>
<code>SetType</code>	<code>SetType(type: DateGroupEnum)</code>	<code>void</code>
<code>GetCaption</code>	<code>GetCaption()</code>	<code>string</code>
<code>SetCaption</code>	<code>SetCaption(input: string)</code>	<code>void</code>
<code>SetDataType</code>	<code>SetDataType(ty: DataTypeEnum)</code>	<code>void</code>
<code>GetDataType</code>	<code>GetDataType()</code>	<code>DataTypeEnum</code>
<code>isHidden</code>	<code>isHidden()</code>	<code>boolean</code>
<code>setHidden</code>	<code>setHidden(flag: boolean)</code>	<code>void</code>

Properties

Property	Type
CertainYear	number
GetStoredName	any

Where it refuses work

- GroupOperation stops the work with an early return when `this.Field.StoredName` .
- GroupOperation stops the work with an early return when `this.Field.FieldName` .

Diagram

```
graph LR
    Dashboard[Dashboard configuration] --> GroupOperation
    GroupOperation --> SetStoredName
    GroupOperation --> SetFieldName
    GroupOperation --> SetType
    GroupOperation --> SetCaption
    GroupOperation --> SetDataType
    GroupOperation --> GetFieldName
    GroupOperation --> GetType
    GroupOperation --> GetCaption
    GroupOperation --> GetDataType
    GroupOperation --> isHidden
```

Usage

```
import {
    DataTypeEnum,
    DateGroupEnum,
    GroupOperation,
} from "../models/dashboard/dashboard-data-fields";

function createGroupOperation(
    storedName: string,
    groupType: DateGroupEnum,
    dataType: DataTypeEnum,
): GroupOperation {
    const operation = new GroupOperation();

    operation.SetStoredName(storedName);
    operation.SetFieldName(storedName);
    operation.SetCaption("Order date");
    operation.SetType(groupType);
    operation.SetDataType(dataType);
```

```

if (!operation.isHidden()) {
    console.log(operation.GetCaption(), operation.GetFieldName());
}

return operation;
}

```

AI Coding Instructions

- Set the stored name, field name, caption, type, and data type before passing a `GroupOperation` to dashboard rendering code.
- Pass values from `DateGroupEnum` to `SetType()` and values from `DataTypeEnum` to `SetDataType()`.
- Read configuration through `GetFieldName()`, `GetType()`, `GetCaption()`, and `GetDataType()` instead of duplicating field metadata elsewhere.
- Check `isHidden()` before showing the operation in dashboard field selectors or grouping controls.

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)

- `DashboardWidgetOperationsService` — `Pams/Web/Pams.Web/Client/app/services/dashboard/dashboard-widget-operations.service.ts :1`