

MeasureOperation

August 18, 2026

MeasureOperation

Kind: Class

Source: Pams/Web/Pams.Web/Client/app/models/dashboard/dashboard-data-fields.ts (line 277)

Part of: [Pams](#)

`MeasureOperation` represents a dashboard measure field and its display metadata. It tracks visibility, stored and field names, measure type, and caption through getter and setter methods.

Methods

Method	Signature	Returns
<code>isHidden</code>	<code>isHidden()</code>	<code>boolean</code>
<code>setHidden</code>	<code>setHidden(flag: boolean)</code>	<code>void</code>
<code>GetStoredName</code>	<code>GetStoredName()</code>	<code>string</code>
<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>Measure</code>
<code>SetType</code>	<code>SetType(type: Measure)</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>

Where it refuses work

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

Diagram

```
graph LR
    MeasureOperation --> Hidden["Hidden state"]
    MeasureOperation --> StoredName["Stored name"]
    MeasureOperation --> FieldName["Field name"]
    MeasureOperation --> Type["Measure type"]
    MeasureOperation --> Caption["Caption"]
    Type --> Measure
```

Usage

```
import { MeasureOperation } from "../models/dashboard/dashboard-data-fields";

const operation = new MeasureOperation();

operation.SetStoredName();
operation.SetFieldName();
operation.SetType();
operation.SetCaption();

if (!operation.isHidden()) {
    console.log({
        storedName: operation.GetStoredName(),
        fieldName: operation.GetFieldName(),
        type: operation.GetType(),
        caption: operation.GetCaption(),
    });
}

// Hide the measure from dashboard output.
operation.setHidden();
```

AI Coding Instructions

- Keep getter and setter calls aligned with the existing method casing, including `isHidden()` and `setHidden()` .
- Do not add arguments to the parameterless setter methods unless the class API changes.

- Read display text through `GetCaption()` and field identifiers through `GetFieldName()` or `GetStoredName()` .
- Check `isHidden()` before rendering or including a measure in dashboard output.

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`