

MeasureOperation

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MeasureOperation

Kind: Class

Source: Pams/Web/Pams.WebApp/Client/app/core/models/dashboard-data-fields.ts (line 270)

Part of: [Pams](#)

`MeasureOperation` stores display and persistence metadata for a dashboard measure field. It tracks the field name, stored name, caption, measure type, and hidden state for use by dashboard data-field handling.

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 --> FieldName
    MeasureOperation --> StoredName
    MeasureOperation --> Caption
    MeasureOperation --> MeasureType[Measure]
    MeasureOperation --> HiddenState
```

Usage

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

const operation = new MeasureOperation();

operation.SetFieldName("Revenue");
operation.SetStoredName("revenue");
operation.SetCaption("Revenue");
operation.setHidden();

console.log(operation.GetFieldName());
console.log(operation.GetStoredName());
console.log(operation.GetCaption());
console.log(operation.isHidden());
```

AI Coding Instructions

- Use the `Set*` methods to update measure metadata rather than assigning internal properties directly.
- Read values through the matching `Get*` methods when preparing dashboard field configuration.
- Call `setHidden()` and `isHidden()` when filtering fields from dashboard display logic.
- Keep `GetFieldName()` and `GetStoredName()` aligned with the field identifiers expected by the dashboard data source.
- Set the measure type through `SetType()` before code depends on `GetType()` .