

expectationOperation

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expectationOperation

Kind: Class

Source: Pams/Web/Pams.Web/Client/app/models/dashboard/dashboard-data-fields.ts (line 179)

Part of: [Pams](#)

`expectationOperation` represents expected metadata for a dashboard data field. It exposes accessors for the field name, caption, expected field type, data type, stored name, and hidden-state evaluation.

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>expectedFieldType</code>
<code>SetType</code>	<code>SetType(type: expectedFieldType)</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
callback	callbackPRAny
CertainYear	number
GetStoredName	any

Where it refuses work

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

Diagram

```
graph LR
    Operation[expectationOperation]
    Operation --> StoredName[SetStoredName]
    Operation --> FieldName[GetFieldName / SetFieldName]
    Operation --> FieldType[GetType / SetType]
    Operation --> Caption[GetCaption / SetCaption]
    Operation --> DataType[GetDataType / SetDataType]
    Operation --> Hidden[isHidden]
```

Usage

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

const operation = new expectationOperation();

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

const fieldName = operation.GetFieldName();
const caption = operation.GetCaption();
const fieldType = operation.GetType();
const dataType = operation.GetDataType();

if (!operation.isHidden()) {
```

```
console.log({ fieldName, caption, fieldType, dataType });  
}
```

AI Coding Instructions

- Treat `expectationOperation` as the metadata model for expected dashboard fields.
- Use the getter methods when reading field names, captions, types, and data types instead of depending on internal state.
- Keep stored-name, field-name, type, caption, and data-type updates consistent when extending the model.
- Do not assume hidden-state behavior from the field name alone; use `isHidden()` for visibility checks.
- Preserve the existing method naming and casing when integrating with dashboard field processing code.