

Delta

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Delta

Kind: Class

Source: Pams/Web/Pams.WebApp/Client/app/core/models/dashboard-data-fields.ts (line 316)

Part of: Pams

`Delta` represents a dashboard data field and stores its field name, persisted name, display caption, and `DeltaTypeEnum` type. It also tracks whether the field should be hidden when dashboard data is displayed or processed.

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>DeltaTypeEnum</code>
<code>SetType</code>	<code>SetType(type: DeltaTypeEnum)</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>GetFieldNameTarget</code>	<code>GetFieldNameTarget()</code>	<code>string</code>

Method	Signature	Returns
SetFieldNameTarget	SetFieldNameTarget(name: string)	void
GetStoredNameTarget	GetStoredNameTarget()	string
SetStoredNameTarget	SetStoredNameTarget(name: string)	void

Where it refuses work

- `Delta` stops the work with an early return when `this.FieldName` .

Diagram

```
graph LR
    Delta[Delta]
    StoredName[Stored Name]
    FieldName[Field Name]
    Caption[Caption]
    Type[DeltaTypeEnum]
    Hidden[Hidden State]

    Delta --> StoredName
    Delta --> FieldName
    Delta --> Caption
    Delta --> Type
    Delta --> Hidden
```

Usage

```
import { Delta, DeltaTypeEnum } from "../dashboard-data-fields";

function createDashboardField(type: DeltaTypeEnum): Delta {
    const delta = new Delta();

    delta.SetStoredName("totalAmount");
    delta.SetFieldName("TotalAmount");
    delta.SetCaption("Total Amount");
    delta.SetType(type);
    delta.setHidden(false);

    return delta;
}

const field = createDashboardField(existingField.GetType());

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

```
console.log(field.GetCaption(), field.GetFieldName());  
}
```

AI Coding Instructions

- Keep dashboard field metadata in `Delta` through its getter and setter methods rather than duplicating field-name mappings elsewhere.
- Use `GetStoredName()` for persisted or backend-facing field identifiers and `GetFieldName()` for the dashboard field identifier.
- Check `isHidden()` before rendering or exposing a field in dashboard UI code.
- Pass a valid `DeltaTypeEnum` value to `SetType()` so consumers can handle the field according to its configured type.