

Spark

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Spark

Kind: Class

Source: `Pams/Web/Pams.Web/Client/app/models/dashboard/dashboard-data-fields.ts` (line 508)

Part of: [Pams](#)

`Spark` represents metadata for a dashboard data field, including its stored name, field name, caption, `Measure` type, and hidden state. Dashboard code reads and updates these values through the class 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(ty: 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>
<code>GetFieldNameAgru</code>	<code>GetFieldNameAgru()</code>	<code>string</code>

Method	Signature	Returns
SetFieldNameAgru	SetFieldNameAgru(name: string)	void
GetStoredNameAgru	GetStoredNameAgru()	string
SetStoredNameAgru	SetStoredNameAgru(name: string)	void
GetTypeAgru	GetTypeAgru()	DateGroupEnum
SetTypeAgru	SetTypeAgru(dt: DateGroupEnum)	void

Diagram

```
graph LR
    Spark[Spark]
    Spark --> Hidden[isHidden / setHidden]
    Spark --> StoredName[GetStoredName / SetStoredName]
    Spark --> FieldName[GetFieldName / SetFieldName]
    Spark --> Type[GetType / SetType: Measure]
    Spark --> Caption[GetCaption / SetCaption]
```

Usage

```
const spark = new Spark();

spark.SetStoredName("total_sales");
spark.SetFieldName("TotalSales");
spark.SetCaption("Total Sales");
spark.SetType(measure);

if (!spark.isHidden()) {
    console.log(spark.GetCaption());
}

spark.setHidden();
```

AI Coding Instructions

- Use `GetStoredName` , `GetFieldName` , `GetType` , and `GetCaption` when reading dashboard field metadata.
- Update field metadata through the matching `Set...` methods rather than changing internal properties directly.
- Pass a `Measure` value to `SetType()` .

- Treat `setHidden()` as a state-changing call with no argument; check the result through `isHidden()`.
- Preserve the existing method casing, including `setHidden()` and the PascalCase getter and setter methods.

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`