

Spark

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Spark

Kind: Class

Source: Pams/Web/Pams.WebApp/Client/app/core/models/dashboard-data-fields.ts (line 501)

Part of: [Pams](#)

`Spark` stores dashboard field metadata, including hidden state, stored name, field name, measure type, and caption. Dashboard code updates these values through setter methods and reads them through matching getter 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 --> Visibility[Visibility state]
    Spark --> Names[Field names]
    Spark --> Type[Measure type]
    Spark --> Caption[Caption]

    Visibility --> isHidden
    Visibility --> setHidden

    Names --> GetStoredName
    Names --> SetStoredName
    Names --> GetFieldName
    Names --> SetFieldName

    Type --> GetType
    Type --> SetType

    Caption --> GetCaption
    Caption --> SetCaption
```

Usage

```
const spark = new Spark();

spark.SetStoredName("sales_amount");
spark.SetFieldName("SalesAmount");
spark.SetCaption("Sales Amount");

declare const selectedMeasure: Measure;
spark.SetType(selectedMeasure);

if (!spark.isHidden()) {
    console.log({
        storedName: spark.GetStoredName(),
        fieldName: spark.GetFieldName(),
```

```
caption: spark.GetCaption(),  
type: spark.GetType(),  
});  
}
```

AI Coding Instructions

- Match the existing method casing, including `Get...` and `Set...` method names.
- Read names through `GetStoredName()` and `GetFieldName()` rather than duplicating field metadata elsewhere.
- Treat the value returned by `GetType()` as a `Measure`.
- Call `isHidden()` to inspect visibility; do not pass a Boolean to `setHidden()` because its declared signature has no argument.