

Column

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Column

Kind: Class**Source:** Pams/Web/Pams.WebApp/Client/app/models/dashboard/data-source-schema/column.model.ts (line 2)**Part of:** [Pams](#)

`Column` represents a column in a dashboard data-source schema. It supports copying an individual column with `clone()` and copying a collection of columns with `cloneList()` so callers can work with separate model instances.

Methods

Method	Signature	Returns
<code>cloneList</code>	<code>cloneList(model: Column[])</code>	<code>void</code>
<code>clone</code>	<code>clone(model: Column)</code>	<code>void</code>

Properties

Property	Type
<code>Id</code>	<code>string</code>
<code>Name</code>	<code>string</code>
<code>ColumnId</code>	<code>string</code>
<code>ColumnFullName</code>	<code>string</code>
<code>IsPrimary</code>	<code>boolean</code>
<code>IsForeign</code>	<code>boolean</code>
<code>IsIdentity</code>	<code>boolean</code>
<code>AllowNull</code>	<code>boolean</code>

Property	Type
IsComputed	boolean
ColumnDataType	ColumnDataType
IsSelected	boolean

Where it refuses work

- `Column` stops the work with an early return when `model == null || model.length == 0`.
- `Column` stops the work with an early return when `model == null`.

Diagram

```
graph LR
  Schema[Data-source schema] --> Column[Column]
  Column --> Clone[clone()]
  Column --> CloneList[cloneList()]
  Clone --> ColumnCopy[Copied Column]
  CloneList --> ColumnCopies[Copied Column list]
```

Usage

```
import { Column } from './models/dashboard/data-source-schema/column.model';

const copiedColumn = column.clone();

const copiedColumns = Column.cloneList(schema.columns);

// Update copiedColumn or copiedColumns without changing the source instances.
```

AI Coding Instructions

- Call `clone()` before changing a `Column` that may also be referenced by another schema or view.
- Use `Column.cloneList()` when copying schema column collections instead of copying only the array reference.
- Keep column-copy behavior inside this model so consumers do not manually recreate column instances.
- Check whether calling code expects copied columns before adding mutations to dashboard schema flows.

Relationships

- IMPORTS → `ColumnDataType`

Used by

3 references from 3 files. Each is a place in this repository where the symbol is actually used — go read one rather than trusting an example.

Imported by (3)

- `DataSourceService` — `Pams/Web/Pams.WebApp/Client/app/services/dashboard/data-source.service.ts :1`
- `Table` — `Pams/Web/Pams.WebApp/Client/app/models/dashboard/data-source-schema/table.model.ts :6`
- `View` — `Pams/Web/Pams.WebApp/Client/app/models/dashboard/data-source-schema/view.model.ts :4`