**DataGrid**

**Columns:**

a column is created for each field of a data source object, but in most cases, it is redundant. To specify a set of columns to be created in a grid, assign an array specifying these columns to the columns property.

**columnAutoWidth:**

Specifies whether columns should adjust their widths to the content.

Type:bool

Default Value: false

**columnChooser:**

The column chooser allows a user to hide columns at runtime. To enable it, assign true to the columnChooser.[enabled](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxDataGrid/Configuration/columnChooser/#enabled) property.

allowSearch

emptyPanelText

enabled

height

mode

searchTimeout

title

width

**columnFixing:**fix specific column

enabled

**columnFixing.texts:**

fix

leftPosition

rightPosition

unfix

**Columns[]:**

**alignment**

Aligns the content of the column.

**allowEditing**

Specifies whether a user can edit values in the column at runtime

**allowExporting**

Specifies whether data from this column should be exported

**allowFiltering**

Specifies whether data can be filtered by this column.

**allowFixing**

Specifies whether a user can fix the column at runtime

**allowGrouping**

Specifies whether the user can group data by values of this column. Applies only when grouping is enabled.

**allowHeaderFiltering,** **allowReordering, allowResizing**

**allowSearch , allowSorting ,**

[**buttons[]**](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxDataGrid/Configuration/columns/buttons/) **:**  custom button

**calculateCellValue , calculateDisplayValue, caption , columns.columns (**nested columns**), customizeText, dataField,**

**datatype, falseText , filterOperations , filterType(**include,exclude**), filterValue ,filterValues , fixed , fixedPosition , format , formItem , headerFilter , hidingPriority , name , selectedFilterOperation , trueText , type , columnWidth**

**and etc.**

**State Persistence:**

**->**State storing enables the UI component to save applied settings and restore them the next time the UI component is loaded. Assign true to the enables:true property to enable this functionality.

**customLoad:**Specifies a function that is executed on state loading. Applies only if the type is *'custom'*.

**customSave:** Specifies a function that is executed on state change. Applies only if the type is *"custom"*.

**Enabled : true , false**

**savingTimeout:** delay in millisecond to changes in store(local,session,custom)

**storageKey:** specify key in storage

**type :** Specifies the type of storage where the state is saved.

**Template:**

a template is a mechanism that allows you to customize the way UI components display content.

**Purpose:** Customizes how data is displayed within a column in components like the **DataGrid**.

**Use Case:** You can create a custom layout or style for the column's content, such as embedding images, custom text formatting, or additional UI components.