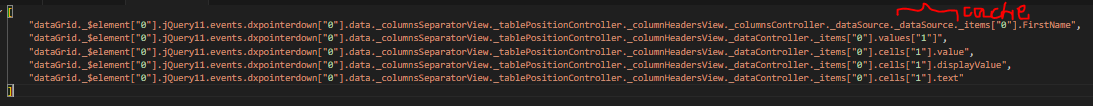
## DataGrid

* DataGrid is a UI component.
* Represent the data from local or remote source in the form of a **grid**.
* Offers basic features like, sorting, grouping, searching.
* Adv. Capabilities like, state storing, client-side exporting, master-detail interface…

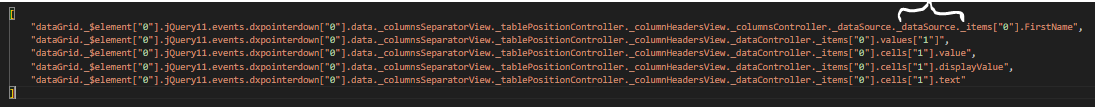
### DataGrid options

* accessKey – no access key in html found
* activeStateEnabled – no visual diff
* allowColumnReordering – user can reorder columns
* allowColumnResizing – user can resize column width
* autoNavigateToFocusedRow – when true, and when focusedRowKey is changed => Automatically scrolls to the focused row (incompatible with **infinite scrolling**).
* cacheEnabled – when performing operations like sorting, grouping, paging => the UI component takes data from this cache. consider disabling it for frequently changing data sources.

Cache enabled:



Cache disabled:



* cellHintEnabled: when cells value is overflowed then enbaling this option, when hover on cell will show complete value of that cell.
* columnAutoWidth: When this property is set to true, all columns adjust their width to the content. columnAutoWidth vs columnWidth: “auto”.
* columnChooser: used to specify which column to hide at runtime. (type – object)
  + allowSeach – seaches column to hide in column chooser box.
  + Empty panel text – text that is to be appear when no column is selected to hide.
  + Enabled – enables column chooser (default f)
  + Heigh and width
  + Mode – specify mode of selecting column to hide (“dragAndDrop”, “select”)
  + searchTimeout
  + title – title of column chooser box
* columnFixing – used to specify which column to fix while horizontal scrolling at runtime. (Type – object)
  + enabled – when true => right clicking on column header gives option in context menu for column fixing (fix and unfix).
  + Texts – object, text to appear in context menu (fix, leftPosition, rightPosition, unfix)
* columnHidingEnabled: should Ui component hide columns to adapt to the screen or container size. If allowColumnResizing is true and columnResizingMode is widget then this property is ignored.
* columnMinWidth: minimum width of the column. (type number).
* columns[]

default: a column is created for each field of DataSource object.

To sepcify which columns should be on ui, u need to use this array.

Each **grid column** is represented by an object containing column setting in this array.

Column properties defines the behaviour and appearance of a grid column.

* alignment – aligns the content of the column. (undefined, “left”, ”right”, “center”)
* allowEditing – can user edit value at runtime. (default inherits from editing.allowEditing). If values in the column are calculated customarily using the calculateCellValue property, they cannot be edited at runtime.
* allowExporting – whether data from this column should be exported. Column should be visible. Do not disable the allowExporting property if you export the DataGrid with multi-line headers.
* allowFiltering – whether data can be filtered by this column.
* allowFixing – whether user can fix the column at runtime. columnFixing should be true.
* allowGrouping – whether the user can group data **by value of this column**. Grouping must be enabled. In a column with calculated values, this property is set to false by default.