

Package ‘RagGrid’

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Type Package

Title A Wrapper of the 'JavaScript' Library 'agGrid'

Version 0.2.0

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Description Data objects in 'R' can be rendered as 'HTML' tables using the 'JavaScript' library 'ag-grid' (typically via 'R Markdown' or 'Shiny'). The 'ag-grid' library has been included in this 'R' package. The package name 'RagGrid' is an abbreviation of 'R agGrid'.

URL <https://github.com/no-types/RagGrid/>

BugReports <https://github.com/no-types/RagGrid/issues>

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Imports htmltools (>= 0.3.6), htmlwidgets (>= 1.0), crosstalk, knitr

Suggests jsonlite (>= 0.9.16), rmarkdown, shiny (>= 0.12.1)

RoxygenNote 6.0.1

NeedsCompilation no

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Repository CRAN

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`aggrid`*Create a HTML widget using the ag-grid library*

Description

This function creates a HTML widget to display matrix or a dataframe using ag-grid.

Usage

```
aggrid(data, options = list(), colOpts = list(),
        formattingOptions = list(), sparkLineOptions = list(),
        theme = "ag-theme-balham", filterOnSelect = TRUE, licenseKey = NULL,
        width = NULL, height = NULL, elementId = NULL)
```

Arguments

| | |
|--------------------------------|--|
| <code>data</code> | a dataobject (either a matrix or a dataframe) |
| <code>options</code> | a list of ag-grid grid options (see https://www.ag-grid.com/javascript-grid-properties/); |
| <code>colOpts</code> | a list of ag-grid column options (see https://www.ag-grid.com/javascript-grid-column-definitions/); |
| <code>formattingOptions</code> | a list of ag-grid column formatting options (see http://numeraljs.com/#format) Also see <code>formatColumns()</code> ; |
| <code>sparkLineOptions</code> | options for rendering sparkline in the table |
| <code>theme</code> | a theme class name that need to be applied for grid (see https://www.ag-grid.com/javascript-grid-styling/); |
| <code>filterOnSelect</code> | specify whether filter is need to be perfromed on selecting a row item |
| <code>licenseKey</code> | if you wish to use the enterprise version of ag-grid |
| <code>width, height</code> | Width/Height in pixels (optional, defaults to automatic sizing) |
| <code>elementId</code> | An id for the widget (a random string by default). |

Examples

```
aggrid(iris)
```

| | |
|---------|------------------------|
| depPath | <i>Dependency Path</i> |
|---------|------------------------|

Description

Dependency Path

Usage

```
depPath(...)
```

Arguments

| | |
|-----|--------|
| ... | plugin |
|-----|--------|

| | |
|---------------|-----------------------------|
| formatColumns | <i>Format table columns</i> |
|---------------|-----------------------------|

Description

Format table columns

Usage

```
formatColumns(table, columns, format)
```

Arguments

| | |
|---------|--|
| table | a table object created from <code>aggrid()</code> |
| columns | the indices of the columns |
| format | format based on numeral.js (see http://numeraljs.com/#format); |

| | |
|---------|-------------------------|
| getDeps | <i>Get dependencies</i> |
|---------|-------------------------|

Description

Get dependencies

Usage

```
getDeps(plugin, version)
```

Arguments

| | |
|---------|---------|
| plugin | plugin |
| version | version |

RagGrid-shiny

Shiny bindings for RagGrid

Description

Output and render functions for using RagGrid within Shiny applications and interactive Rmd documents.

Usage

```
RagGridOutput(outputId, width = "100%", height = "400px")
```

```
renderRagGrid(expr, env = parent.frame(), quoted = FALSE)
```

Arguments

| | |
|---------------|--|
| outputId | output variable to read from |
| width, height | Must be a valid CSS unit (like '100%', '400px', 'auto') or a number, which will be coerced to a string and have 'px' appended. |
| expr | An expression that generates a RagGrid |
| env | The environment in which to evaluate expr. |
| quoted | Is expr a quoted expression (with quote())? This is useful if you want to save an expression in a variable. |

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