

# 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*

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### 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 <a href="https://www.ag-grid.com/javascript-grid-properties/">https://www.ag-grid.com/javascript-grid-properties/</a> );
<code>colOpts</code>	a list of ag-grid column options (see <a href="https://www.ag-grid.com/javascript-grid-column-definitions/">https://www.ag-grid.com/javascript-grid-column-definitions/</a> );
<code>formattingOptions</code>	a list of ag-grid column formatting options (see <a href="http://numeraljs.com/#format">http://numeraljs.com/#format</a> ) 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 <a href="https://www.ag-grid.com/javascript-grid-styling/">https://www.ag-grid.com/javascript-grid-styling/</a> );
<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)
```

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depPath	<i>Dependency Path</i>
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**Description**

Dependency Path

**Usage**

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

**Arguments**

...	plugin
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formatColumns	<i>Format table columns</i>
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**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 <a href="http://numeraljs.com/#format">http://numeraljs.com/#format</a> );

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getDeps	<i>Get dependencies</i>
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**Description**

Get dependencies

**Usage**

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

**Arguments**

plugin	plugin
version	version

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RagGrid-shiny

*Shiny bindings for RagGrid*

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### **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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