

Widget

Widget

There is a collection of built in widgets tailored to making editor applications.

FileBrowser for information on built in widgets and how to create your own.

Constructor

```
new Widget(configData, dependencies)
```

Source: [widgets/widget.js, line 21](#)

The Widget class takes in configData about where to position this widget in the grid, as well as a list of dependencies.

Parameters:

Name	Type	Description												
configData	Object	<div>This is an object of config data, It will have the following fields as well as any custom fields that child classes require. <i>Properties</i><table><tr><th>Name</th><th>Type</th><th>Description</th></tr><tr><td>name</td><td>String</td><td>This is the name of this widget.</td></tr><tr><td>col</td><td>Integer</td><td>This is the Column that this widget should be added to.</td></tr><tr><td>row</td><td>Integer</td><td>This is the row of of the Column that this widget should be added to.</td></tr></table></div>	Name	Type	Description	name	String	This is the name of this widget.	col	Integer	This is the Column that this widget should be added to.	row	Integer	This is the row of of the Column that this widget should be added to.
Name	Type	Description												
name	String	This is the name of this widget.												
col	Integer	This is the Column that this widget should be added to.												
row	Integer	This is the row of of the Column that this widget should be added to.												
dependencies	Object	This is a map of String Names to Widgets which this object relies on.												

Methods

```
getCol() → {Integer}
```

Source: [widgets/widget.js, line 89](#)

Get the position in columns(Left = 0 to Right = n) of this widget.

Returns:

colIndex - The column index of this Widget.

Type **Integer**

```
getElement() → {Element}
```

Source: [widgets/widget.js, line 81](#)

Get the dom element that represents this widget.

Returns:

element - The dom object for this widget.

Type **Element**

```
getRow() → {Integer}
```

Source: [widgets/widget.js, line 97](#)

Get the position in rows(Top = 0 to Bottom = n) of this widget.

Returns:

rowIndex - The row index of this Widget.

Type **Integer**

```
(abstract) init() → {Promise}
```

Source: [widgets/widget.js, line 54](#)

This function is implemented by every child class of widget. Any initialization that needs to happen will be put inside of this function.

Returns:

Returns a promise that will be executed when an instance of this widget is generated.

Type **Promise**

```
setElement(element)
```

Source: [widgets/widget.js, line 70](#)

Set the dom element that represents this widget.

Parameters:

Name	Type	Description
element	Element	The dom object for this widget.

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