

# consoleWidget

## consoleWidget

```
new consoleWidget(x, y, textSizeopt) → {canvasWidget}
```

Source: [widgets/consoleWidget.js, line 20](#)

### Parameters:

Name	Type	Attributes	Default	Description
<code>x</code>	Integer			This is the Column that this widget should be added to.
<code>y</code>	Integer			This is the row of of the Column that this widget should be added to.
<code>textSize</code>	Integer	<optional>	18	The font size to use in the console.

### Returns:

Returns a canvasWidget, an instance of the Widget class which allows a user to draw on an html canvas.

Type [canvasWidget](#)

## Extends

- [Widget](#)

## Methods

```
getCol() → {Integer}
```

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

Inherited From: [Widget#getCol](#)

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](#)

Inherited From: [Widget#getElement](#)

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](#)

Inherited From: [Widget#getRow](#)

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

Returns:

rowIndex - The row index of this Widget.

Type `Integer`

`(async) init()` → `{Promise.<any>}`

Source: [widgets/consoleWidget.js, line 32](#)

Overrides: [Widget#init](#)

This function overrides the parent widget initialize function and creates a console to be displayed within this widget.

Returns:

Type `Promise.<any>`

`log(message)`

Source: [widgets/consoleWidget.js, line 119](#)

This function allows a string to be passed in to then be printed to the consoles output.

Parameters:

Name	Type	Description
<code>message</code>	<code>String</code>	This is the message to print to this consoles output area.

## setElement(*element*)

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

Inherited From: [Widget#setElement](#)

Set the dom element that represents this widget.

Parameters:

Name	Type	Description
<code>element</code>	<code>Element</code>	The dom object for this widget.

## subscribe(*observer*)

Source: [widgets/consoleWidget.js, line 132](#)

This function allows developers to register function callbacks to be excuted whenever enter is pressed when text is inside the input field of this console. The text is passed into all callback functions.

Parameters:

Name	Type	Description
<code>observer</code>	<code>function</code>	Function to be called whenever enter is pressed from the consoles input field.

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