console

rcb. console

`new console()`

Console interface functions

> Source: rcbApi.js, line 153

Methods

`(static) append(message, id`*opt*`)`

Adds to the last printed line (does not create a new line).

Parameters:

Name	Type	Attributes	Description
`message`	string		The string to print on the console. Can have html markup.
`id`	integer	<optional>	If specified, will append to this line instead.

> Source: rcbApi.js, line 245

Example

```
rcb.console.print('Doing...');
rcb.console.append('<strong>done</strong>');
```

`(static) clear()`

Clears the script console. Needed for performance reasons if console log has too much text.

> Source: rcbApi.js, line 301

Example

```
rcb.console.clear();
```

(static) error(message)

Prints an error on the user console. The script will be stopped.

Parameters:

Name	Type	Description
message	string	The string to print on the console. Can have html markup.

> Source: rcbApi.js, line 291

Example

```
rcb.console.print("A basic message");
rcb.console.warning("About to throw error");
rcb.console.error("Bazinga!");
```

(static) overwrite(message, id$_{opt}$)

Reprints over the last line of the user console. Useful to display progress updates.

Parameters:

Name	Type	Attributes	Description
message	string		The string to print on the console. Can have html markup.

Name	Type	Attributes	Description
id	integer	<optional>	If specified, will overwrite this line instead.

Source: rcbApi.js, line 257

(static) print(message) → {integer}

Prints a new line to the user console.

Parameters:

Name	Type	Description
message	string	The string to print on the console. Can have html markup.

Source: rcbApi.js, line 231

Returns:

A unique id, to reference this printed line later.

Type   integer

Examples

```
rcb.console.print('Normal text');
rcb.console.print('<strong>Bold font</strong>');
rcb.console.print('<span style=\"color: green\">
```

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```
//Simple examples
rcb.console.print("I will always be there!");
rcb.console.print("I will be gone");
rcb.console.remove();
rcb.console.append(" Still here!");
rcb.console.print("I will be overwritten");
rcb.console.overwrite("Fruits:");
```

```javascript
//Working with ids
var id1 = rcb.console.print("I WILL BE REMOVED")
var id2 = rcb.console.print("2");
var id3 = rcb.console.print("I WILL BE OVERWRITT
rcb.console.print("3");
rcb.console.append(" apples");
rcb.console.append(" oranges", id2);
rcb.console.remove(id1);
rcb.console.overwrite("Doesn't compare with:", i
rcb.endScript();
```

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```javascript
//Animation example
rcb.console.setVerbose(false);
var lineQty = 12;
var colQty = 25;
var lines = [];

//Create the lines
for(var i=0; i<lineQty; i++) lines[i] = rcb.cons

//Starting coordinates
var line = 0;
var col = 0;
var dirL = true;
var dirC = true;
//Travel loop until user stops script
move();
function move(){
    //Update coordinates
    if(dirL){
        line++;
        if (line === lineQty-1) dirL = false;
    }else{
        line--;
        if (line === 0) dirL = true;
    }
    if(dirC){
        col++;
        if (col === colQty-1) dirC = false;
    }else{
        col--;
        if (col === 0) dirC = true;
    }

    //Draw
    for(var i=0; i<lineQty; i++){
        if(i===line){
            var text = "";
            for(var j=0; j<col-1; j++) text+="&n
```

```
            text+="O";
            rcb.console.overwrite(text,lines[i])
        }else
            rcb.console.overwrite("",lines[i]);
        }

        //iterate
        rcb.wait(move,0.05);
    }
```

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(static) remove(id_opt)

Removes the last line of the user console.

Parameters:

Name	Type	Attributes	Description
id	integer	<optional>	If specified, will remove this line instead.

Source: rcbApi.js, line 268

(static) setVerbose(value)

Sets the verbose mode for the rcb API. If activated (default), some API functions will print some text (in grey color). It may be useful to deactivate verbose mode in loops to avoid excessive text in the console.

Parameters:

Name	Type	Description
value	boolean	If true, verbose mode is activated.

Source: rcbApi.js, line 371

Example

```
//Example showing the effect of changing verbose
rcb.console.print("Verbose activated...");
```

```
rcb.setDebugMode(true);
rcb.setDebugMode(false);
rcb.console.setVerbose(false);
rcb.console.print("Verbose deactivated...");
rcb.setDebugMode(true);
rcb.setDebugMode(false);
rcb.endScript();
```

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(static) warning(message) → {integer}

Prints a message in orange. Does not interrupt script.

Parameters:

Name	Type	Description
message	string	The string to print on the console. Can have html markup.

Source: rcbApi.js, line 279

Returns:

A unique id, to reference this printed line later.

Type   integer

Example

```
rcb.console.warning('<strong>Warning:</strong> w
```

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