

# JSVariable

## Constants Summary

Number	<a href="#">DATETIME</a> Constant to be used when the type of a variable needs to be specified.
Number	<a href="#">INTEGER</a> Constant to be used when the type of a variable needs to be specified.
Number	<a href="#">MEDIA</a> Constant to be used when the type of a variable needs to be specified.
Number	<a href="#">NUMBER</a> Constant to be used when the type of a variable needs to be specified.
Number	<a href="#">TEXT</a> Constant to be used when the type of a variable needs to be specified.

## Property Summary

String	<a href="#">defaultValue</a> The default value of the variable.
String	<a href="#">name</a> The name of the variable.
Number	<a href="#">variableType</a> The type of the variable.

## Method Summary

String	<a href="#">getScopeName()</a> Get scope name
UUID	<a href="#">getUUID()</a> Returns the UUID of the variable

## Constants Details

### DATETIME

Constant to be used when the type of a variable needs to be specified.

#### Returns

[Number](#)

#### Sample

```
var dateVar = solutionModel.newGlobalVariable('globals', 'gDate', JSVariable.DATETIME);
dateVar.defaultValue = 'now';
application.output(scopes.globals.gDate); // Prints the current date and time.
```

### INTEGER

Constant to be used when the type of a variable needs to be specified.

#### Returns

[Number](#)

#### Sample

```
var intVar = solutionModel.newGlobalVariable('globals', 'gInt', JSVariable.INTEGER);
intVar.defaultValue = 997;
application.output(scopes.globals.gInt); // Prints 997
```

### MEDIA

Constant to be used when the type of a variable needs to be specified.

#### Returns

[Number](#)

#### Sample

```
var mediaVar = solutionModel.newGlobalVariable('globals', 'gMedia', JSVariable.MEDIA);
mediaVar.defaultValue = 'new Array(1, 2, 3, 4)';
application.output(scopes.globals.gMedia); // Prints out the array with four elements.
```

## NUMBER

Constant to be used when the type of a variable needs to be specified.

#### Returns

[Number](#)

#### Sample

```
var numberVar = solutionModel.newGlobalVariable('globals', 'gNumber', JSVariable.NUMBER);
numberVar.defaultValue = 192.334;
application.output(scopes.globals.gNumber); // Prints 192.334
```

## TEXT

Constant to be used when the type of a variable needs to be specified.

#### Returns

[Number](#)

#### Sample

```
var txtVar = solutionModel.newGlobalVariable('globals', 'gText', JSVariable.TEXT);
txtVar.defaultValue = '"some text"'; // Use two pairs of quotes if you want to assign a String as default
value.
application.output(scopes.globals.gText); // Prints 'some text' (without quotes).
```

## Property Details

### defaultValue

The default value of the variable.

It is interpreted as a JS expression.

For form variables ,setting this property requires the form instances to be destroyed (history.remove("formName")).

If you want to use a default value for a newly created variable create the variable using the 3 parameter version newVariable(name,type,defaultValue).

For INTEGER variables it can be an integer constant, like 10 for example.

For NUMBER variables it can be a real constant, like 22.41. For DATETIME

variables it can be "now", or a JS expression like "new Date()". For TEXT

variables it can be any string surrounded with quotes, like "some text".

#### Returns

[String](#)

**Sample**

```

var intVar = solutionModel.newGlobalVariable('globals', 'gInt', JSVariable.INTEGER);
intVar.defaultValue = 997;
application.output(scopes.globals.gInt); // Prints 997
var numberVar = solutionModel.newGlobalVariable('globals', 'gNumber', JSVariable.NUMBER);
numberVar.defaultValue = 192.334;
application.output(scopes.globals.gNumber); // Prints 192.334
var dateVar = solutionModel.newGlobalVariable('globals', 'gDate', JSVariable.DATETIME);
dateVar.defaultValue = 'now';
application.output(scopes.globals.gDate); // Prints the current date and time.
var txtVar = solutionModel.newGlobalVariable('globals', 'gText', JSVariable.TEXT);
txtVar.defaultValue = "some text"; // Use two pairs of quotes if you want to assign a String as default
value.
application.output(scopes.globals.gText); // Prints 'some text' (without quotes).
var mediaVar = solutionModel.newGlobalVariable('globals', 'gMedia', JSVariable.MEDIA);
mediaVar.defaultValue = 'new Array(1, 2, 3, 4)';
application.output(scopes.globals.gMedia); // Prints out the array with four elements.

```

**name**

The name of the variable.

**Returns**

[String](#)

**Sample**

```

var gVar = solutionModel.newGlobalVariable('globals', 'gtext', JSVariable.TEXT);
gVar.name = 'anotherName';
gVar.defaultValue = "default text";
// The next two lines will print the same output.
application.output(scopes.globals[gVar.name]);
application.output(scopes.globals.anotherName);

```

**variableType**

The type of the variable. Can be one of: TEXT, INTEGER, NUMBER, DATETIME or MEDIA.

**Returns**

[Number](#)

**Sample**

```

var g = solutionModel.newGlobalVariable('globals', 'gtext', JSVariable.TEXT);
scopes.globals.gtext = 'some text';
g.variableType = JSVariable.DATETIME;
scopes.globals.gtext = 'another text'; // This will raise an error now, because the variable is not longer
of type text.

```

**Method Details****getScopeName**

[String](#) **getScopeName** ()

Get scope name

**Returns**

[String](#)

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**Sample**

```
var globalVariables = solutionModel.getGlobalVariables();
for (var i in globalVariables)
    application.output(globalVariables[i].name + ' is defined in scope ' + globalVariables[i].
getScopeName());
```

**getUUID****UUID** **getUUID** ()

Returns the UUID of the variable

**Returns****UUID****Sample**

```
var dateVar = solutionModel.newGlobalVariable('globals', 'gDate', JSVariable.DATETIME);
application.output(dateVar.getUUID().toString());
```