

JSVariable

Constants Summary

Number	#DATETIME	Constant to be used when the type of a variable needs to be specified.
Number	#INTEGER	Constant to be used when the type of a variable needs to be specified.
Number	#MEDIA	Constant to be used when the type of a variable needs to be specified.
Number	#NUMBER	Constant to be used when the type of a variable needs to be specified.
Number	#TEXT	Constant to be used when the type of a variable needs to be specified.

Property Summary

String	#defaultValue	The default value of the variable.
String	#name	The name of the variable.
Number	#variableType	The type of the variable.

Method Summary

String	#getScopeName()	Get scope name
UUID	#getUUID()	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 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 assing 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

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());
```