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

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

name

The name of the variable.

Returns

String

Sample

```
var gVar = solutionModel.newGlobalVariable('gtext', JSVariable.TEXT);
gVar.name = 'anotherName';
gVar.defaultValue = '"default text"';
// The next two lines will print the same output.
application.output(globals[gVar.name]);
application.output(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('gtext',JSVariable.TEXT);
globals.gtext = 'some text';
g.variableType = JSVariable.DATETIME;
globals.gtext = 'another text'; // This will raise an error now, because the variable is not longer of type
text.
```

Method Details

getUUID

UUID **getUUID**()

Returns the UUID of the variable

Returns

UUID

Sample

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