

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
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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](#)

Sample

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