

JSCalculation

 Apr 05, 2024 19:49

Supported Clients

SmartClient WebClient NGClient

Property Summary

String	code	The full source code of this method (including doc and function declaration).
Number	variableType	Get or set the sql type of this variable.

Methods Summary

String	getName()	This method returns the name of the stored calculation.
UUID	getUUID()	Returns the UUID of the calculation.
Boolean	hasFlag(flag)	Check a flag of the calculation.
Boolean	isStored()	Returns whether this calculation is a stored one or not.

Property Details

code

The full source code of this method (including doc and function declaration).

Returns

String

Supported Clients

SmartClient,WebClient,NGClient

Sample

```
var calc = solutionModel.getDataSourceNode("db:/example_data/customers").getCalculation("myCalculation");
calc.code = "function myCalculation() { return 123; }";
```

variableType

Get or set the sql type of this variable.
Type should be one of JSVariable.DATETIME, JSVariable.TEXT, JSVariable.NUMBER , JSVariable.INTEGER or JSVariable.MEDIA.

Returns

Number

Supported Clients

SmartClient,WebClient,NGClient

Sample

```
var calc = solutionModel.getDataSourceNode("db:/example_data/customers").getCalculation("myCalculation");
calc.variableType = JSVariable.DATETIME;
```

Methods Details

getName()

This method returns the name of the stored calculation.

Returns

String the name of the stored calculation

Supported Clients

SmartClient,WebClient,NGClient

Sample

```
var calc = solutionModel.newCalculation("function myCalculation() { return 123; }", JSVariable.INTEGER, "db:/example_data/customers");
application.output(calc.getName());
```

getUUID()

Returns the UUID of the calculation.

Returns

UUID

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SmartClient,WebClient,NGClient

Sample

```
var calc = solutionModel.getDataSourceNode("db:/example_data/customers").newCalculation("function myCalculation() { return 123; }", JSVariable.INTEGER);
application.output(calc.getUUID().toString());
```

hasFlag(flag)

Check a flag of the calculation.

The flags are a bit pattern consisting of 1 or more of the following bits:

- JSColumn.UUID_COLUMN

Parameters

Number flag ;

Returns

Boolean boolean whether flag is set.

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Sample

```
var datasourceNode = solutionModel.getDataSourceNode('db:/example_data/orders')
var calculation = datasourceNode.getCalculation('mycalculation')
if (calculation.hasFlag(JSColumn.UUID_COLUMN))
{
    // calculation was typed as UUID
}
```

isStored()

Returns whether this calculation is a stored one or not.

Returns

Boolean true if the calculation is stored, false otherwise

Supported Clients

SmartClient,WebClient,NGClient

Sample

```
var calc = solutionModel.getDataSourceNode("db:/example_data/customers").newCalculation("function myCalculation() { return 123; }", JSVariable.INTEGER);
if (calc.isStored()) application.output("The calculation is stored");
else application.output("The calculation is not stored");
```