


# JSRelationItem

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## Return Types

JSRelationItem

## Supported Clients

SmartClient WebClient NGClient

## Constants Summary

String	LITERAL_PREFIX	Constant for using literals in solution model in relations.
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## Property Summary

String	foreignColumnName	The name of the column from the destination table that this relation item is based on.
String	operator	The operator that defines the relationship between the primary dataprovider and the foreign column.
String	primaryDataProviderID	The name of the column from the source table that this relation item is based on.
Object	primaryLiteral	Get the literal.

## Methods Summary

String	getComment()	Returns the comment of this component.
UUID	getUUID()	Returns the UUID of this component.

## Constants Details

**LITERAL\_PREFIX**  
Constant for using literals in solution model in relations.  
Strings must be passed as quoted value to make a distinction between string '5' and number 5.

### Returns

String

### Supported Clients

SmartClient,WebClient,NGClient

### Sample

```
relation.newRelationItem(JSRelationItem.LITERAL_PREFIX + "'hello'", '=', 'mytextfield');
```

## Property Details

**foreignColumnName**  
The name of the column from the destination table that this relation item is based on.

### Returns

String

### Supported Clients

SmartClient,WebClient,NGClient

### Sample

```
var relation = solutionModel.newRelation('parentToChild', 'db:/example_data/parent_table', 'db:/example_data/child_table', JSRelation.INNER_JOIN);
var criteria = relation.newRelationItem('parent_table_id', '=', 'child_table_parent_id');
criteria.primaryDataProviderID = 'parent_table_text';
criteria.foreignColumnName = 'child_table_text';
criteria.operator = '<';
```

## operator

The operator that defines the relationship between the primary dataprovider and the foreign column.

### Returns

[String](#)

### Supported Clients

SmartClient,WebClient,NGClient

### Sample

```
var relation = solutionModel.newRelation('parentToChild', 'db:/example_data/parent_table', 'db:/example_data/child_table', JSRelation.INNER_JOIN);
var criteria = relation.newRelationItem('parent_table_id', '=', 'child_table_parent_id');
criteria.primaryDataProviderID = 'parent_table_text';
criteria.foreignColumnName = 'child_table_text';
criteria.operator = '<';
```

## primaryDataProviderID

The name of the column from the source table that this relation item is based on.

### Returns

[String](#)

### Supported Clients

SmartClient,WebClient,NGClient

### Sample

```
var relation = solutionModel.newRelation('parentToChild', 'db:/example_data/parent_table', 'db:/example_data/child_table', JSRelation.INNER_JOIN);
var criteria = relation.newRelationItem('parent_table_id', '=', 'child_table_parent_id');
criteria.primaryDataProviderID = 'parent_table_text';
criteria.foreignColumnName = 'child_table_text';
criteria.operator = '<';
```

## primaryLiteral

Get the literal.

### Returns

[Object](#)

### Supported Clients

SmartClient,WebClient,NGClient

### Sample

```
var relation = solutionModel.newRelation('parentToChild', 'db:/example_data/parent_table', 'db:/example_data/child_table', JSRelation.INNER_JOIN);
var criteria = relation.newRelationItem(JSRelationItem.LITERAL_PREFIX + "'hello'", '=', 'myTextField');
criteria.primaryLiteral = 'literal_text';
//criteria.primaryLiteral = number;
var primaryLiteral = criteria.primaryLiteral;
```

## Methods Details

### getComment()

Returns the comment of this component.

### Returns

[String](#)

### Supported Clients

SmartClient,WebClient,NGClient

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**Sample**

```
var comment = solutionModel.getForm("my_form").getButton("my_button").getComment();
application.output(comment);
```

**getUUID()**

Returns the UUID of this component.

**Returns**

[UUID](#)

**Supported Clients**

SmartClient, WebClient, NGClient

**Sample**

```
var button_uuid = solutionModel.getForm("my_form").getButton("my_button").getUUID();
application.output(button_uuid.toString());
```