

# JSPart



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## Supported Clients

SmartClient WebClient NGClient

## Constants Summary

Number	BODY	Constant use for specifying the type of form parts.
Number	FOOTER	Constant use for specifying the type of form parts.
Number	HEADER	Constant use for specifying the type of form parts.
Number	LEADING_GRAND_SUMMARY	Constant use for specifying the type of form parts.
Number	LEADING_SUBSUMMARY	Constant use for specifying the type of form parts.
Number	TITLE_FOOTER	Constant use for specifying the type of form parts.
Number	TITLE_HEADER	Constant use for specifying the type of form parts.
Number	TRAILING_GRAND_SUMMARY	Constant use for specifying the type of form parts.
Number	TRAILING_SUBSUMMARY	Constant use for specifying the type of form parts.

## Property Summary

Boolean	allowBreakAcrossPageBounds	When set, the remainder of a selected part that does not fit on the page currently being printed, will not be transported to the next page - it will break where the page ends and continue on the next page.
String	background	The background color of the form part.
Boolean	discardRemainderAfterBreak	When set, the remainder of a selected part that is broken due to the page ending will not be printed on the next page - it will be discarded.
String	groupByDataProviderIDs	For Leading Subsummary or Trailing Subsummary parts, one or more dataproviders can be added as Break (GroupBy) dataproviders.
Number	height	The height of a selected part; specified in pixels.
Number	pageBreakAfterOccurrence	A page break will be inserted after a specified number of occurrences of a selected part.
Boolean	pageBreakBefore	When set, a page break will be inserted before each occurrence of a selected part.
Boolean	restartPageNumber	When set, page numbering will be restarted after each occurrence of a selected part.
Boolean	sinkWhenLast	When set, the last part on a page (such as a Trailing Grand Summary part) will "sink" to the lowest part of the page when there is free space.
String	styleClass	The Cascading Style Sheet (CSS) class name applied to the part.

## Methods Summary

String	getComment()	Returns the comment of this component.
Number	getPartType()	The type of this part.
Number	getPartYOffset()	The Y offset of the part on the form, this will include all the super forms parts if this form extends a form.
UUID	getUUID()	Returns the UUID of this component.

## Constants Details

### BODY

Constant use for specifying the type of form parts.

This is the default part that is repeated for each record (being displayed and/or printed).

### Returns

Number

### Supported Clients

SmartClient,WebClient,NGClient

### Sample

```
var body = form.newPart(JSPart.BODY, 320);
```

### FOOTER

---

Constant use for specifying the type of form parts.

A footer is displayed at the bottom of each page when printed and can contain summaries of the current selection of records. In List view, the footer is displayed at the bottom of the list of records.

**Returns**

[Number](#)

**Supported Clients**

SmartClient,WebClient,NGClient

**Sample**

```
var footer = form.newPart(JSPart.FOOTER, 440);
```

**HEADER**

Constant use for specifying the type of form parts.

A header is displayed at the top of each page when printed and can contain summaries of the current selection of records. In List view the header is displayed above the list of records. In tableview the default column headers will not be there if this is specified.

**Returns**

[Number](#)

**Supported Clients**

SmartClient,WebClient,NGClient

**Sample**

```
var header = form.newPart(JSPart.HEADER, 80);
```

**LEADING\_GRAND\_SUMMARY**

Constant use for specifying the type of form parts.

A Leading Grand Summary can be placed before the body part. It can contain summary fields that will generate summaries for the entire foundset. In tableview the default column headers will not be there if this is specified.

**Returns**

[Number](#)

**Supported Clients**

SmartClient,WebClient

**Sample**

```
var leadingGrandSummary = form.newPart(JSPart.LEADING_GRAND_SUMMARY, 120);
```

**LEADING\_SUBSUMMARY**

Constant use for specifying the type of form parts.

A Leading Subsummary can be placed before the body part. There can be multiple Leading Subsummaries per form. Each Subsummary part has a set of Group By fields which are used to group data together. Each Subsummary part can contain summary fields, which will be printed once for each group of data. This part is only shown in printing

**Returns**

[Number](#)

**Supported Clients**

SmartClient,WebClient

**Sample**

```
var leadingSubsummary = form.newPart(JSPart.LEADING_SUBSUMMARY, 160);
```

**TITLE\_FOOTER**

Constant use for specifying the type of form parts.

Appears only once on the first page of a printed report. If a Footer is available, it is replaced by the Title Footer on the first page.

#### Returns

[Number](#)

#### Supported Clients

SmartClient, WebClient

#### Sample

```
var titleFooter = form.newPart(JSPart.TITLE_FOOTER, 500);
```

### TITLE\_HEADER

Constant use for specifying the type of form parts.

Appears only once on the first page of a printed report or on top of the first screen of a foundset. If a Header is available it is replace by the Title Header on the first page.

This part is also shown in a normal none printing form, because it can be used to place components in a tableview form and keep the default table header columns. Other parts as the HEADER will remove the default header columns.

#### Returns

[Number](#)

#### Supported Clients

SmartClient, WebClient, NGClient

#### Sample

```
var titleHeader = form.newPart(JSPart.TITLE_HEADER, 40);
```

### TRAILING\_GRAND\_SUMMARY

Constant use for specifying the type of form parts.

A Trailing Grand Summary can be placed after the body part. It can contain summary fields that will generate summaries for the entire foundset.

#### Returns

[Number](#)

#### Supported Clients

SmartClient, WebClient

#### Sample

```
var trailingGrandSummary = form.newPart(JSPart.TRAILING_GRAND_SUMMARY, 400);
```

### TRAILING\_SUBSUMMARY

Constant use for specifying the type of form parts.

A Trailing Subsummary can be placed after the body part. There can be multiple Trailing Subsummaries per form. Each Subsummary part has a set of Group By fields which are used to group data together. Each Subsummary part can contain summary fields, which will be printed once for each group of data. This part is only shown in printing

#### Returns

[Number](#)

#### Supported Clients

SmartClient, WebClient

#### Sample

```
var trailingSubsummary = form.newPart(JSPart.TRAILING_SUBSUMMARY, 360);
```

## Property Details

## allowBreakAcrossPageBounds

When set, the remainder of a selected part that does not fit on the page currently being printed, will not be transported to the next page - it will break where the page ends and continue on the next page.

NOTE: Make sure to set this option when you are printing more than one page per record.

### Returns

[Boolean](#)

### Supported Clients

SmartClient,WebClient

### Sample

```
var body = form.newPart(JSPart.BODY, 320);
body.allowBreakAcrossPageBounds = true;
body.discardRemainderAfterBreak = true;
```

## background

The background color of the form part.

NOTE: When no background color has been set, the default background color will be determined by the Look and Feel (LAF) that has been selected in Application Preferences.

### Returns

[String](#)

### Supported Clients

SmartClient,WebClient,NGClient

### Sample

```
var body = form.newPart(JSPart.BODY, 320);
body.background = 'green';
```

## discardRemainderAfterBreak

When set, the remainder of a selected part that is broken due to the page ending will not be printed on the next page - it will be discarded.

### Returns

[Boolean](#)

### Supported Clients

SmartClient,WebClient

### Sample

```
var body = form.newPart(JSPart.BODY, 320);
body.allowBreakAcrossPageBounds = true;
body.discardRemainderAfterBreak = true;
```

## groupbyDataProviderIDs

For Leading Subsummary or Trailing Subsummary parts, one or more dataproviders can be added as Break (GroupBy) dataproviders. The Leading/Trailing Subsummary parts will be displayed once for each resulted group of data.

### Returns

[String](#)

### Supported Clients

SmartClient,WebClient,NGClient

### Sample

```
var leadingSubsummary = form.newPart(JSPart.LEADING_SUBSUMMARY, 160);
leadingSubsummary.groupbyDataProviderIDs = 'my_table_text';
```

---

**height**

The height of a selected part; specified in pixels.

This height property is the lowerbound as its ending Y value (0 == top of the form).

**Returns**

[Number](#)

**Supported Clients**

SmartClient,WebClient,NGClient

**Sample**

```
var part = form.newPart(JSPart.HEADER, 100);
part.height = 200;
```

**pageBreakAfterOccurrence**

A page break will be inserted after a specified number of occurrences of a selected part.

**Returns**

[Number](#)

**Supported Clients**

SmartClient,WebClient

**Sample**

```
var body = form.newPart(JSPart.BODY, 320);
body.pageBreakAfterOccurrence = 2;
```

**pageBreakBefore**

When set, a page break will be inserted before each occurrence of a selected part.

**Returns**

[Boolean](#)

**Supported Clients**

SmartClient,WebClient

**Sample**

```
var leadingSubsummary = form.newPart(JSPart.LEADING_SUBSUMMARY, 160);
leadingSubsummary.groupbyDataProviderIDs = 'my_table_text';
leadingSubsummary.pageBreakBefore = true;
```

**restartPageNumber**

When set, page numbering will be restarted after each occurrence of a selected part.

**Returns**

[Boolean](#)

**Supported Clients**

SmartClient,WebClient

**Sample**

```
var trailingSubsummary = form.newPart(JSPart.TRAILING_SUBSUMMARY, 360);
trailingSubsummary.groupbyDataProviderIDs = 'my_table_text';
trailingSubsummary.restartPageNumber = true;
```

**sinkWhenLast**

When set, the last part on a page (such as a Trailing Grand Summary part) will "sink" to the lowest part of the page when there is free space.

**Returns**

[Boolean](#)

**Supported Clients**

SmartClient,WebClient

**Sample**

```
var trailingGrandSummary = form.newPart(JSPart.TRAILING_GRAND_SUMMARY, 400);
trailingGrandSummary.sinkWhenLast = true;
```

**styleClass**

The Cascading Style Sheet (CSS) class name applied to the part.

**Returns**

[String](#)

**Supported Clients**

SmartClient,WebClient,NGClient

**Sample**

```
var body = form.newPart(JSPart.BODY, 320);
body.styleClass = 'myBody';
```

**Methods Details****getComment()**

Returns the comment of this component.

**Returns**

[String](#)

**Supported Clients**

SmartClient,WebClient,NGClient

**Sample**

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

**getPartType()**

The type of this part.

**Returns**

[Number](#) A number representing the type of the form part.

**Supported Clients**

SmartClient,WebClient,NGClient

**Sample**

```
var allParts = form.getParts()
for (var i=0; i<allParts.length; i++) {
    if (allParts[i].getPartType() == JSPart.BODY)
        application.output('body Y offset: ' + allParts[i].getPartYOffset());
}
```

**getPartYOffset()**

The Y offset of the part on the form, this will include all the super forms parts if this form extends a form.

**Returns**

[Number](#) A number holding the Y offset of the form part.

**Supported Clients**

SmartClient,WebClient,NGClient

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**Sample**

```
var allParts = form.getParts()
for (var i=0; i<allParts.length; i++) {
    if (allParts[i].getPartType() == JSPart.BODY)
        application.output('body Y offset: ' + allParts[i].getPartYOffset());
}
```

**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());
```