

# JSPart

## Constants Summery

Number	<a href="#">#BODY</a>	Constant use for specifying the type of form parts.
Number	<a href="#">#FOOTER</a>	Constant use for specifying the type of form parts.
Number	<a href="#">#HEADER</a>	Constant use for specifying the type of form parts.
Number	<a href="#">#LEADING_GRAND_SUMMARY</a>	Constant use for specifying the type of form parts.
Number	<a href="#">#LEADING_SUBSUMMARY</a>	Constant use for specifying the type of form parts.
Number	<a href="#">#TITLE_FOOTER</a>	Constant use for specifying the type of form parts.
Number	<a href="#">#TITLE_HEADER</a>	Constant use for specifying the type of form parts.
Number	<a href="#">#TRAILING_GRAND_SUMMARY</a>	Constant use for specifying the type of form parts.
Number	<a href="#">#TRAILING_SUBSUMMARY</a>	Constant use for specifying the type of form parts.

## Property Summery

Boolean	<a href="#">#allowBreakAcrossPageBounds</a>	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	<a href="#">#background</a>	The background color of the form part.
Boolean	<a href="#">#discardRemainderAfterBreak</a>	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	<a href="#">#groupbyDataProviderIDs</a>	For Leading Subsummary or Trailing Subsummary parts, one or more dataproviders can be added as Break (GroupBy) dataproviders.
Number	<a href="#">#height</a>	The height of a selected part; specified in pixels.
Number	<a href="#">#pageBreakAfterOccurrence</a>	A page break will be inserted after a specified number of occurrences of a selected part.
Boolean	<a href="#">#pageBreakBefore</a>	When set, a page break will be inserted before each occurrence of a selected part.
Boolean	<a href="#">#restartPageNumber</a>	When set, page numbering will be restarted after each occurrence of a selected part.
Boolean	<a href="#">#sinkWhenLast</a>	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.

## Method Summery

Number	<a href="#">#getPartType()</a>	The type of this part.
Number	<a href="#">#getPartYOffset()</a>	The Y offset of the part on the form, this will include all the super forms parts if this form extends a form.

## 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

### 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

### 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.

### Returns

Number

### 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.

### Returns

Number

### 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.

### Returns

Number

### Sample

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

#### TITLE\_FOOTER

Constant use for specifying the type of form parts.

Appears 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](#)

##### 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 replaced by the Title Header on the first page.

##### Returns

[Number](#)

##### 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](#)

##### 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 before 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.

##### Returns

[Number](#)

##### 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

#### 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

#### 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

#### 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

#### 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

#### 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

#### 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

#### 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

#### 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

#### Sample

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

### Method Details

#### getPartType

Number **getPartType()**

The type of this part.

#### Returns

Number – A number representing the type of the form part.

#### 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

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.

#### Returns

Number – A number holding the Y offset of the form part.

**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());
}
```