JSPart

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 occurences 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.

Method Summary

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

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 ad 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 replace 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 occurences 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());
}
```

getUUID

UUID **getUUID**()

Returns the UUID of this component.

Returns

UUID

Sample

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