

# Page Count

Normally, Page count is needed when we want specific labels/elements to do specific actions on certain pages.

The reason why there is no option to get the current page number is because at the time the scripts are run, we do not know the page on which the component will be placed. If it is small, it might fit on the current page. If it can grow, it might get pushed onto the next page. If it does not have keep together, then it might be split across two pages. The component has to be rendered before we know where it will fit, so there is no point having an API which tells you the wrong number.

One recent extension (added in ver.8.2.0) was to handle components where **canGrow=false** differently. If we know they cannot grow, then we know what page they will be on before we start rendering.

Users will need to ensure the constraints are satisfied.

There are several workarounds for this situation, using scripts.

For the examples below, please ensure that can grow/shrink is turned off.

## Using a Page Counter

1. Set the page count=1 when the report renders.

```
Report: OnRenderBegin
```

```
pageCount=1;
```

2. Increment the page count at the end of each page. This can track the number of pages in the report.

```
PageFooter: OnRenderEnd
```

```
pageCount++;
```

3. Now, you can set the condition of the label in the Page Header. eg. When Page=2, show label.

```
Field: RenderIf
```

```
pageCount==2;
```

4. Render report. The output will show the label only in Page 2.

### Alternative Script Using Paginator

**Paginator.getPageNumber()** is only guaranteed to give the right number if called in the page header or page footer (in all cases) and in report bands that have a fixed size.

1. Create a label to display the current page number.

Field Type>Script

```
Paginator.getPageNumber()
```

Field: OnRenderBegin

```
importPackage(java.lang);
```

```
System.out.print(Paginator.
```

```
getPageNumber());
```

```
setText(Paginator.getPageNumber());
```

2. Set the condition of the label in the Page Header. eg. When Page=2, show label.

Field: RenderIf

```
pageCount==2;
```

3. Render report. The output will show the label only in Page 2.

Note that the constraints mentioned above apply.

You can find the [samples here for your reference.](#)