



Processor



PDF Generation



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How to generate PDFs with headers and footers



PSPDFKit Processor has been deprecated and replaced by [Document Engine](#). To migrate to Document Engine and unlock advanced document processing capabilities, refer to our migration guide. Learn more about these enhancements on our [blog](#).

You can add a custom header or footer that will be repeated across all pages of a PDF. This can be done directly from the same HTML template used for specifying the contents of the resulting PDF.

Adding a header

To define a header you want repeated across all pages of a resulting PDF, you need to specify a container element using `pspdfkit-header` as its ID, and it must be the first child of the document's body:

```
1 <div id="pspdfkit-header">
2   <div class="header-columns">
3     <div class="logotype">
4       
5       <p>ACME Inc.</p>
6     </div>
7
8     <div>
9       <p>Always improving.</p>
10    </div>
```



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```
11     </div>
12 </div>
```

Before generating the PDF, the following CSS will be added before any style sheet already defined in the template. We don't recommend overriding these properties, as it might break the header position:

```
1  #pspdfkit-header {
2      display: flow-root;
3  }
```

The `display: flow-root` declaration defines a new block formatting context and suppresses margin collapsing so that any margin defined inside the header is preserved entirely across all pages in the resulting PDF.

Adding a footer

To add a footer that you want repeated across all pages of a resulting PDF, you have to define a container element with the `pspdfkit-footer` ID, and it must be the last child of the document's body:

```
1  <div id="pspdfkit-footer">
2      <div class="footer-columns">
3          <span>10/18/2021</span>
4          <span>Page {{ pageNumber }} of {{ pageCount }}</span>
5      </div>
6  </div>
```

Before generating the PDF, the following CSS will be added before any style sheet already defined in the template. We don't recommend overriding these properties, as it might break the footer position:

```
1  #pspdfkit-footer {
2      display: flow-root;
3      position: absolute;
4      left: 0;
5      right: 0;
6      bottom: 0;
7      box-sizing: border-box;
8      width: 100%;
9  }
```

The `display: flow-root` declaration defines a new block formatting context and suppresses margin collapsing so that any margin defined inside the footer is preserved entirely across all pages in the resulting PDF.

Displaying the current page number and page count

To display the current page number as part of the header and/or the footer, you can use the special `{{ pageNumber }}` token as a placeholder to tell Nutrient where to display the value on each page. Similarly, for the total page count, use `{{ pageCount }}`:

```
<p>Page {{ pageNumber }} of <strong>{{ pageCount }}</strong></p>
```



Note that it's forbidden to use any other placeholders in curly braces (`{{ anotherPlaceholder }}`). This header (or footer) will be rejected. If you intend to use curly braces, use `{` instead of `{` and `}` instead of `}`.

Customizing the header and footer

When specifying a header and footer, you can make use of any HTML and CSS as usual, and all styles added to the main page will affect them the same way they would regular DOM elements.

You can add images, use custom fonts, set a background, change font size, etc.

To set a gap between the header and the content, you can use regular CSS techniques, such as specifying a `margin-bottom` declaration to the `#pspdfkit-header` selector via CSS.

Similarly, you can also use CSS to set a gap between the content on each page and the footer — for instance, via the `margin-top` property in the `#pspdfkit-footer` selector.

Note that the margins that are set to the page layout as part of the generation configuration will affect the space between the edges of the generated pages and the header and footer, respectively. Refer to our [\[page layout\]](#) guide to learn more.

Sample templates

We have a [\[collection of sample templates available\]](#) [\[sample templates\]](#) for you to try out. Feel free to download them and modify them as needed.

Was this helpful?

 YES

 NO

Questions? [Contact us](#)

