



Processor



Upgrade



PROCESSOR > GUIDES

Upgrade to the new PSPDFKit Processor 2023.3

PSPDFKit Processor 2023.3 exposes a brand-new endpoint for document processing and image rendering.

The previously exposed `/process` and `/render` endpoints in older versions of Processor are deprecated as of the 2023.2 release and will eventually be removed in upcoming versions of PSPDFKit Processor.

Instead of `/process` and `/render`, PSPDFKit now exposes the `/build` endpoint.

Request Structure

Instead of sending `operations` to `/process`, send the `instructions` to the `/build` endpoint. The TypeScript representation of the `instructions` for `/build` is:

```
1 // For actions, each action has additional other properties discussed in 1
2 // relevant guides.
3 type Action = {
4   type: string;
5 }
6
7 // Represents one part that was sent in the multipart request. Should be the
8 // `name` that was specified for the part.
9 type MultipartReference = string;
10
11 // The page index can be negative, indicating an offset from the last
12 // being the last page itself.
```



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```

13 type PageIndex = number | "first" | "last";
14
15 type Pages = {
16     start?: PageIndex
17     end?: PageIndex
18 }
19
20 type FilePart = {
21     file: MultipartReference;
22     // The default is all pages.
23     pages?: Pages;
24     actions?: Action[];
25 };
26
27 type HTMLPart = {
28     html: MultipartReference;
29     assets? MultipartReference[];
30     actions?: Action[];
31 }
32
33 type Part = FilePart | HTMLPart;
34
35 type PDFOutput = {
36     type: "pdf";
37 }
38
39 type ImageOutput = {
40     type: "image";
41     format: "jpg" | "jpeg" | "png" | "webp";
42     // The default is to render the first page.
43     pages?: Pages;
44     // One of width, height, or DPI needs to be specified.
45     width?: number;
46     height?: number;
47     dpi?: number;
48 }
49
50 type Output = PDFOutput | ImageOutput;
51
52 type Instructions = {
53     parts: Part[];
54     actions?: Action[];
55     output?: Output;
56 };

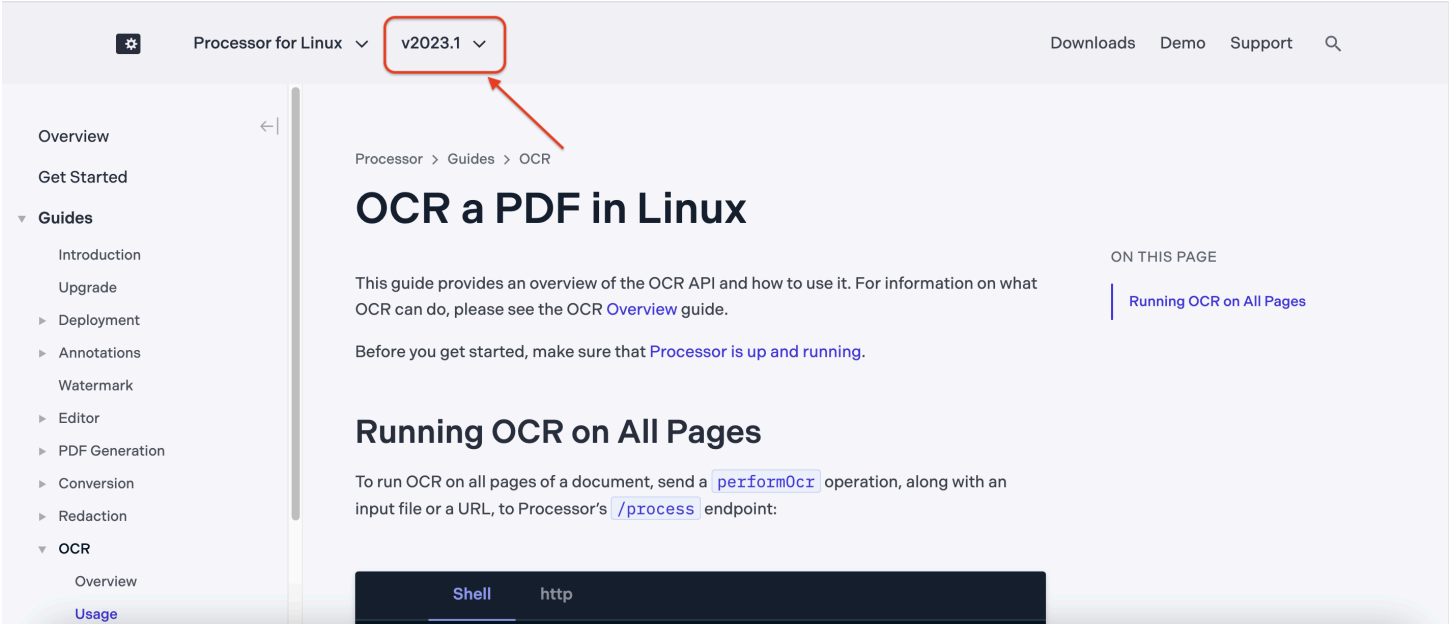
```

To learn more about the various options you can send to the `/build` endpoint, go to the [API Reference](#).

Performing Operations

The guides in this section have been updated with instructions showing how to perform [OCR](#), [watermarking](#), and [Office-to-PDF conversion](#) operations using the `/build` endpoint.

To view older guides for the `/process` and `/render` endpoints, toggle the version of Processor at the top of the documentation page to an older one using the dropdown, as shown in the image below.



To learn more, go to the [API Reference](#).

For a complete list of changes in this release, see the [Processor changelog](#).

Was this helpful?

☒ YES

☐ NO

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