



Processor



Redaction



PROCESSOR &gt; GUIDES &gt; REDACTION

# Streamline document redaction in Linux



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](#).

PSPDFKit Processor lets you create redactions on top of text matching predefined patterns, such as email addresses, URLs, and more. To create redactions, use the `createRedactions` action with the following `preset` strategy:

```
1  {
2    "type": "createRedactions",
3    "strategy": "preset",
4    "strategyOptions": {
5      "preset": "email-address"
6    }
7  }
```



For a complete list of presets, see the [API Reference](#).

## Applying Redactions

After redaction annotations are created, they need to be applied to the document to effectively permanently remove the covered content. You can achieve this by adding the `applyRedactions`



ASK AI

to the `/build` [instructions](#).

Before you get started, make sure [Processor](#) is up and running.

You can download and use either of the following sample documents for the examples in this guide:

✧ [Example eight-page PDF](#)

✧ [Example four-page PDF](#)

You'll be sending [multipart POST requests](#) with [instructions](#) to Processor's `/build` endpoint. To learn more about multipart requests, refer to our blog post on the topic, [A Brief Tour of Multipart Requests](#).

Check out the [API Reference](#) to learn more about the `/build` endpoint and all the actions you can perform on PDFs with PSPDFKit Processor.

## Creating and Applying Redactions in a File on Disk

Send a multipart request to the `/build` endpoint attached with the input file and the `instructions` JSON:

SHELL

HTTP

```
1 curl -X POST http://localhost:5000/api/build \  
2   -F file=@/path/to/example-document.pdf \  
3   -F instructions='{  
4     "parts": [  
5       {  
6         "file": "document",  
7         "actions": [  
8           {  
9             "type": "createRedactions",  
10            "strategy": "preset",  
11            "strategyOptions": {  
12              "preset": "email-address"  
13            }  
14          },  
15          {  
16            "type": "applyRedactions"  
17          }  
18        ]  
19      }  
20    ]  
21  }' \  
22   -o result.pdf
```



This creates redaction annotations and applies them to the file, removing the content beneath them.

## Creating and Applying Redactions in a File from a URL

Send a request to the `/build` endpoint and include a URL pointing to the file you want to redact:

SHELL HTTP

```
1 curl -X POST http://localhost:5000/api/build \
2   -F instructions='{
3     "parts": [
4       {
5         "file": {
6           "url": "https://pspdfkit.com/downloads/examples/credit-card-application.pdf"
7         },
8         "actions": [
9           {
10            "type": "createRedactions",
11            "strategy": "preset",
12            "strategyOptions": {
13              "preset": "email-address"
14            }
15          },
16          {
17            "type": "applyRedactions"
18          }
19        ]
20      }
21    ]
22  }' \
23   -o result.pdf
```

This creates redaction annotations and applies them to the file, removing the content beneath them.

Was this helpful?

☒ YES

☐ NO

