



Processor



PDF/A Validation



PROCESSOR > GUIDES

PDF/A Conformance Validation Using 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](#).

The PDF/A validation API allows you to validate the conformance of a PDF file. It returns a report with the level of conformance of the PDF/A file and the errors encountered during validation.

It's available on the `POST /validate_pdfa` endpoint.

Request Format

The `/validate_pdfa` endpoint is a `multipart/form-data` request in which you can supply the PDF in two ways:

- ✧ Upload a file as a part of the multipart request.
- ✧ Provide the URL of a PDF file.

To access password-protected documents, include the `pspdfkit-pdf-password` header with the value equal to the password of the document. The two ways to supply a PDF are described in detail below.

Uploading a File



ASK AI

Send a `multipart/form-data` `POST` request and the PDF file that you want to validate to the `/validate_pdfa` endpoint. The name of the attached file should be `file`. The request looks like this:

Request

```
1 $ curl http://localhost:5000/validate_pdfa \  
2   -X 'POST' \  
3   -H "Authorization: Token token=secret" \  
4   -F file=@example.pdf
```

Providing a URL of a File

Send a `multipart/form-data` `POST` request with the URL of the file that you want to validate to the `/validate_pdfa` endpoint. The value of the `url` file part should be the remote URL of the PDF file. The request looks like this:

Request

```
1 $ curl http://localhost:5000/validate_pdfa \  
2   -X 'POST' \  
3   -H "Authorization: Token token=secret" \  
4   -F url='https://www.remote-file-url.com/example.pdf'
```

Response Format

The response of the `validate_pdfa` request is a JSON object with details of conformance and a validation report. Here are two examples:

Successful validation

```
1 {  
2   "IsValid": true,  
3   "Conformance": "PDF/A-2b",  
4   "ValidationLog": {  
5     "ValidationReport": {  
6       "ValidationProfile": {  
7         "@Conformance": "PDF/A",  
8         "@Part": "2",
```

```

9         "@Level": "B"
10     },
11     "ValidationResult": {
12         "@IsCompliant": "True",
13         "@Statement": "PDF file is compliant with validation profile requirements",
14     },
15     "Details": { "FailedChecks": { "@Count": "0" } }
16 }
17 }
18 }

```

Failed validation

```

1  {
2      "Conformance": "None",
3      "IsValid": false,
4      "ValidationLog": {
5          "ValidationReport": {
6              "Details": {
7                  "FailedChecks": {
8                      "@Count": "1",
9                      "Check": [
10                         {
11                             "@ID": "MissingXMPMetadata",
12                             "@OccurrenceCount": "1",
13                             "Occurrence": {
14                                 "@Context": "Document",
15                                 "@ObjReference": "None",
16                                 "@Statement": "Document XMP metadata is missing."
17                             }
18                         },
19                         {
20                             "@ID": "MissingMarkInfoDictionary",
21                             "@OccurrenceCount": "1",
22                             "Occurrence": {
23                                 "@Context": "Document",
24                                 "@ObjReference": "None",
25                                 "@Statement": "MarkInfo dictionary is missing."
26                             }
27                         },
28                         {
29                             "@ID": "MissingStructTreeRootDictionary",
30                             "@OccurrenceCount": "1",
31                             "Occurrence": {
32                                 "@Context": "Document",
33                                 "@ObjReference": "None",
34                                 "@Statement": "StructTreeRoot dictionary not found."
35                             }
36                         }
37                     ]
38                 }
39             },

```

```
40     "ValidationProfile": {
41         "@Conformance": "PDF/A",
42         "@Level": "A",
43         "@Part": "1"
44     },
45     "ValidationResult": {
46         "@IsCompliant": "False",
47         "@Statement": "PDF file is not compliant with validation profile requi:
48     }
49 }
50 }
51 }
```

Was this helpful?

✓ YES

✗ NO

Questions? [Contact us](#)

