

How to convert PDF to JSON from uploaded file (node for PDF to JSON API in JavaScript and PDF.co Web API

How to convert PDF to JSON from uploaded file (node for PDF to JSON API in JavaScript: How To Tutorial

The sample source codes on this page will demonstrate you how to make PDF to JSON API in JavaScript. PDF to JSON API in JavaScript can be implemented with PDF.co Web API. PDF.co Web API is the flexible Web API that includes full set of functions from e-signature requests to data extraction, OCR, images recognition, pdf splitting and pdf splitting. Can also generate barcodes and read barcodes from images, scans and pdf.

You will save a lot of time on writing and testing code as you may just take the code below and use it in your application. Open your JavaScript project and simply copy & paste the code and then run your app! Writing JavaScript application typically includes multiple stages of the software development so even if the functionality works please test it with your data and the production environment.

Our website provides free trial version of PDF.co Web API that includes source code samples to help with your JavaScript project.

JavaScript - ConvertPdfToJsonFromUploadedFile.js

```
/*jshint esversion: 6 */

var https = require("https");
var path = require("path");
var fs = require("fs");

// `request` module is required for file upload.
// Use "npm install request" command to install.
var request = require("request");

// The authentication key (API Key).
// Get your own by registering at https://app.pdf.co/documentation/api
const API_KEY = "*****";

// Source PDF file
const SourceFile = "./sample.pdf";
// Comma-separated list of page indices (or ranges) to process. Leave empty for all
pages. Example: '0,2-5,7-'.
const Pages = "";
// PDF document password. Leave empty for unprotected documents.
const Password = "";
// Destination JSON file name
```

```

const DestinationFile = "./result.json";

// 1. RETRIEVE PRESIGNED URL TO UPLOAD FILE.
getPresignedUrl(API_KEY, SourceFile)
.then(([uploadUrl, uploadedFileUrl]) => {
  // 2. UPLOAD THE FILE TO CLOUD.
  uploadFile(API_KEY, SourceFile, uploadUrl)
  .then(() => {
    // 3. CONVERT UPLOADED PDF FILE TO JSON
    convertPdfToJson(API_KEY, uploadedFileUrl, Password, Pages, DestinationFile);
  })
  .catch(e => {
    console.log(e);
  });
})
.catch(e => {
  console.log(e);
});

function getPresignedUrl(apiKey, localFile) {
  return new Promise(resolve => {
    // Prepare request to `Get Presigned URL` API endpoint
    let queryPath = `/v1/file/upload/get-presigned-url?
contentType=application/octet-stream&name=${path.basename(SourceFile)}`;
    let reqOptions = {
      host: "api.pdf.co",
      path: encodeURI(queryPath),
      headers: { "x-api-key": API_KEY }
    };
    // Send request
    https.get(reqOptions, (response) => {
      response.on("data", (d) => {
        let data = JSON.parse(d);
        if (data.error == false) {
          // Return presigned url we received
          resolve([data.presignedUrl, data.url]);
        }
        else {
          // Service reported error
          console.log("getPresignedUrl(): " + data.message);
        }
      });
    });
  })
  .on("error", (e) => {
    // Request error
    console.log("getPresignedUrl(): " + e);
  });
});

function uploadFile(apiKey, localFile, uploadUrl) {
  return new Promise(resolve => {
    fs.readFile(SourceFile, (err, data) => {
      request({
        method: "PUT",
        url: uploadUrl,
        body: data,
        headers: {

```

```

        "Content-Type": "application/octet-stream"
      }
    }, (err, res, body) => {
      if (!err) {
        resolve();
      }
      else {
        console.log("uploadFile() request error: " + e);
      }
    });
  });
});
});
}

function convertPdfToJson(apiKey, uploadedFileUrl, password, pages, destinationFile)
{
  // Prepare request to `PDF To JSON` API endpoint
  var queryPath = `/v1/pdf/convert/to/json?
name=${path.basename(destinationFile)}&password=${password}&pages=${pages}&url=${upload

  let reqOptions = {
    host: "api.pdf.co",
    path: encodeURI(queryPath),
    method: "GET",
    headers: { "x-api-key": API_KEY }
  };
  // Send request
  https.get(reqOptions, (response) => {
    response.on("data", (d) => {
      response.setEncoding("utf8");
      // Parse JSON response
      let data = JSON.parse(d);
      if (data.error == false) {
        // Download JSON file
        var file = fs.createWriteStream(destinationFile);
        https.get(data.url, (response2) => {
          response2.pipe(file)
            .on("close", () => {
              console.log(`Generated JSON file saved as
"${destinationFile}" file.`);
            });
        });
      }
      else {
        // Service reported error
        console.log("convertPdfToJson(): " + data.message);
      }
    });
  })
  .on("error", (e) => {
    // Request error
    console.log("convertPdfToJson(): " + e);
  });
}
}

```

FOR MORE INFORMATION AND FREE TRIAL:

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[Read more about PDF.co Web API](#)

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[Visit \[www.ByteScout.com\]\(http://www.ByteScout.com\)](#)

or

[Get Your Free API Key for \[www.PDF.co\]\(http://www.PDF.co\) Web API](#)