

# How to convert PDF to PNG from file (node for PDF to image API in JavaScript and PDF.co Web API)

See how to convert PDF to PNG from file (node to have PDF to image API in JavaScript)

Today you are going to learn how to convert PDF to PNG from file (node in JavaScript. PDF to image API in JavaScript can be implemented with PDF.co Web API. PDF.co Web API is the Web API with a set of tools for documents manipulation, data conversion, data extraction, splitting and merging of documents. Includes image recognition, built-in OCR, barcode generation and barcode decoders to decode bar codes from scans, pictures and pdf.

Fast application programming interfaces of PDF.co Web API for JavaScript plus the instruction and the code below will help to learn how to convert PDF to PNG from file (node. This JavaScript sample code should be copied and pasted into your project. After doing this just compile your project and click Run. Enjoy writing a code with ready-to-use sample JavaScript codes to add PDF to image API functions using PDF.co Web API in JavaScript.

PDF.co Web API - free trial version is on available our website. Also, there are other code samples to help you with your JavaScript application included into trial version.

JavaScript - ConvertPdfToPngFromFile\_AsyncApi.js

```
/*jshint esversion: 6 */  
  
var https = require("https");  
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 = "";  
  
// Prepare request uri for `PDF To PNG` API call  
var query = `https://api.pdf.co/v1/pdf/convert/to/png`;
```

```

let reqOptions = {
  uri: query,
  headers: { "x-api-key": API_KEY },
  formData: {
    password: Password,
    pages: Pages,
    async: 'True',
    file: fs.createReadStream(SourceFile)
  },
};

// Send request
request.post(reqOptions, function (error, response, body) {
  if (error) {
    return console.error("Error: ", error);
  }

  // Parse JSON response
  let data = JSON.parse(body);
  console.log(`Job #${data.jobId} has been created!`);
  checkIfJobIsCompleted(data.jobId, data.url);
});

function checkIfJobIsCompleted(jobId, resultFileUrlJson) {

  let queryPath = `/v1/job/check?jobid=${jobId}`;
  let reqOptions = {
    host: "api.pdf.co",
    path: encodeURI(queryPath),
    method: "GET",
    headers: { "x-api-key": API_KEY }
  };

  https.get(reqOptions, (response) => {
    response.on("data", (d) => {
      response.setEncoding("utf8");

      // Parse JSON response
      let data = JSON.parse(d);
      console.log(`Checking Job #${jobId}, Status: ${data.status}, Time: ${new
Date().toLocaleString()}`);

      if (data.status == "working") {
        // Check again after 3 seconds
        setTimeout(function(){checkIfJobIsCompleted(jobId,
resultFileUrlJson)} , 3000);
      }
      else if (data.status == "success") {

        request({ method: 'GET', uri: resultFileUrlJson, gzip: true },
function (error, response, body) {

          // Parse JSON response
          let respJsonFileArray = JSON.parse(body);
          let page = 1;

          respJsonFileArray.forEach((url) => {
            var localFileName = `./page${page}.png`;
            var file = fs.createWriteStream(localFileName);
            https.get(url, (response2) => {

```

```
        response2.pipe(file)
            .on("close", () => {
                console.log(`Generated PNG file saved as
"${localFileName} file.`);
            });
        });
        page++;
    }, this);
});
}
else {
    console.log(`Operation ended with status: "${data.status}`);
}
})
});
}
```

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FOR MORE INFORMATION AND FREE TRIAL:

[Download Free Trial SDK \(on-premise version\)](#)

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

[Explore documentation](#)

[Visit www.ByteScout.com](#)

or

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