

How to convert PDF to JPEG from file (node for PDF to image API in JavaScript with PDF.co Web API)

How to convert PDF to JPEG from file (node in JavaScript with easy ByteScout code samples to make PDF to image API. Step-by-step tutorial

Sample source codes below will show you how to cope with a difficult task, for example, PDF to image API in JavaScript. PDF.co Web API was made to help with PDF to image API in JavaScript. 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. This JavaScript sample code should be copied and pasted into your project. After doing this just compile your project and click Run. Tutorials are available along with installed PDF.co Web API if you'd like to dive deeper into the topic and the details of the API.

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.

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Source Code Files:

```

/*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.
const Pages = "";
// PDF document password. Leave empty for unprotected documents.
const Password = "";

// Prepare URL for `PDF To JPEG` API call
var query = `https://api.pdf.co/v1/pdf/convert/to/jpg`;
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().toLocaleTimeString()}`);

    if (data.status == "working") {
      // Check again after 3 seconds
      setTimeout(function(){checkIfJobIsCompleted(jobId, resultFileUrlJson)}
    )
    }
    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${page}.jpg`;
            var file = fs.createWriteStream(localFileName);
            https.get(url, (response2) => {
              response2.pipe(file)
              .on("close", () => {
                console.log(`Generated JPEG file saved as "${localFileName}"`);
              });
            });
            page++;
          }, this);

        });
    }
    else {
      console.log(`Operation ended with status: "${data.status}".`);
    }
  })
});
}

```

VIDEO

<https://www.youtube.com/watch?v=NEwNs2b9YN8>

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