

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

How to convert PDF to JPEG from uploaded 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.

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 JPEG from uploaded file (node. Sample code in JavaScript is all you need. Copy-paste it to your the code editor, then add a reference to PDF.co Web API and you are ready to try it! 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.

Trial version of ByteScout is available for free download from our website. This and other source code samples for JavaScript and other programming languages are available.

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Source Code Files:

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

// 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 JPEG
    convertPdfToJpeg(API_KEY, uploadedFileUrl, Password, Pages);
  })
  .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`;
    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 convertPdfToJpeg(apiKey, uploadedFileUrl, password, pages) {
    // Prepare URL for `PDF To JPEG` API call
    var queryPath = `/v1/pdf/convert/to/jpg?password=${password}&pages=${pages}&url=${uploadedFileUrl}`;
    let reqOptions = {
        host: "api.pdf.co",
        path: encodeURI(queryPath),
        method: "GET",
        headers: { "x-api-key": API_KEY }
    };
    // Send request
    https.get(reqOptions, (response) => {
        response.on("data", (d) => {
            response.setEncoding("utf8");
            // Parse JSON response
            let data = JSON.parse(d);
            if (data.error == false) {
                // Download generated JPEG files
                var page = 1;
                data.urls.forEach((url) => {
                    var localFileName = `./page${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 {
    // Service reported error
    console.log("convertPdfToJpeg(): " + data.message);
}
});
})
.on("error", (e) => {
    // Request error
    console.log("convertPdfToJpeg(): " + e);
});
}
```

VIDEO

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

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