

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

Learn how to convert PDF to TIFF from uploaded file (node to have PDF to image API in JavaScript

These source code samples are listed and grouped by their programming language and functions they use. 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.

This rich sample source code in JavaScript for PDF.co Web API includes the number of functions and options you should do calling the API to implement PDF to image API. 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.

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 - ConvertPdfToTiffFromUploadedFile.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 TIFF file name
const DestinationFile = "./result.tif";

// 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 TIFF
    convertPdfToTiff(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 convertPdfToTiff(apiKey, uploadedFileUrl, password, pages, destinationFile)
{
    // Prepare URL for `PDF To TIFF` API call
    var queryPath = `/v1/pdf/convert/to/tiff?
password=${password}&pages=${pages}&url=${uploadedFileUrl}`;
    let reqOptions = {
        host: "api.pdf.co",
        path: encodeURI(queryPath),
        method: "GET",
        headers: { "x-api-key": API_KEY }
    };
    // Send request
    https.get(reqOptions, (response) => {
        response.on("data", (d) => {
            response.setEncoding("utf8");
            // Parse JSON response
            let data = JSON.parse(d);
            if (data.error == false) {
                // Download TIFF file
                var file = fs.createWriteStream(destinationFile);
                https.get(data.url, (response2) => {
                    response2.pipe(file)
                    .on("close", () => {
                        console.log(`Generated TIFF file saved as
"${destinationFile}" file.`);
                    });
                });
            }
            else {
                // Service reported error
                console.log("convertPdfToTiff(): " + data.message);
            }
        });
    })
    .on("error", (e) => {
        // Request error
        console.log("convertPdfToTiff(): " + e);
    });
}
}

```

FOR MORE INFORMATION AND FREE TRIAL:

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

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

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or

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