# How to convert PDF to TIFF from file (node for PDF to image API in JavaScript with ByteScout Cloud API Server

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

This page displays the step-by-step instructions and algorithm of how to convert PDF to TIFF from file (node and how to apply it in your application. ByteScout Cloud API Server was designed to assist PDF to image API in JavaScript. ByteScout Cloud API Server is API server that is ready to use and can be installed and deployed in less than 30 minutes on your own Windows server or server in a cloud. It can save data and files on your local server-based file storage or in Amazon AWS S3 storage. Data is processed solely on the API server and is powered by ByteScout engine, no cloud services or Internet connection is required for data processing..

JavaScript code snippet like this for ByteScout Cloud API Server works best when you need to quickly implement PDF to image API in your JavaScript application. For implementation of this functionality, please copy and paste the code below into your app using code editor. Then compile and run your app. Want to see how it works with your data then code testing will allow the function to be tested and work properly.

Free! Free! Free! ByteScout free trial version is available for FREE download from our website. Programming tutorials along with source code samples are assembled.

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# Source Code Files:

ConvertPdfToTiffFromFile_AsyncApi.js

```javascript
/*jshint esversion: 6 */

// Please NOTE: In this sample we're assuming Cloud Api Server is hosted at "https://l
// If it's not then please replace this with with your hosting url.

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");

// Source PDF file
const SourceFile = "./sample.pdf";
// Comma-separated list of page indices (or ranges) to process. Leave empty for all pag
const Pages = "";
// PDF document password. Leave empty for unprotected documents.
const Password = "";
// Destination TIFF file name
const DestinationFile = "./result.tif";

// Prepare request uri for `PDF To TIFF` API call
var query = `https://localhost/pdf/convert/to/tiff`;
let reqOptions = {
    uri: query,
    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, resultFileUrl) {
    let queryPath = `/job/check?jobid=${jobId}`;
    let reqOptions = {
        host: "localhost",
        path: encodeURI(queryPath),
        method: "GET"
    };
```

```javascript
    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 Do

            if (data.status == "working") {
                // Check again after 3 seconds
                setTimeout(function () { checkIfJobIsCompleted(jobId, resultFileUrl) }
            }
            else if (data.status == "success") {
                // Download TIFF file
                var file = fs.createWriteStream(DestinationFile);
                https.get(resultFileUrl, (response2) => {
                    response2.pipe(file)
                        .on("close", () => {
                            console.log(`Generated TIFF file saved as "${DestinationFi
                        });
                });
            }
            else {
                console.log(`Operation ended with status: "${data.status}".`);
            }
        })
    });
}
```

VIDEO

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