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

Learn to write code convert PDF to TIFF from uploaded file (node for PDF to image API in JavaScript: Simple How To Tutorial

The sample source codes on this page will show you how to create PDF to image API in JavaScript. ByteScout Cloud API Server helps with PDF to image API in JavaScript. ByteScout Cloud API Server is the ready to use Web API Server that can be deployed in less than 30 minutes into your own in-house server or into private cloud server. Can store data on in-house local server based storage or in Amazon AWS S3 bucket. Processing data solely on the server using buil-in ByteScout powered engine, no cloud services are used to process your data!.

If you want to speed up the application's code writing then JavaScript code samples for JavaScript developers help to implement using ByteScout Cloud API Server. This sample code in JavaScript is all you need. Just copy-paste it to the code editor, then add a reference to ByteScout Cloud API Server and you are ready to try it! This basic programming language sample code for JavaScript will do the whole work for you in implementing PDF to image API in your app.

Our website provides free trial version of ByteScout Cloud API Server that gives source code samples to assist with your JavaScript project.

Source Code Files:

ConvertPdfToTiffFromUploadedFile.js

```
/*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 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");

// Source PDF file
const SourceFile = "./sample.pdf";
// Comma-separated list of page indices (or ranges) to process. Leave empty for all pa
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(SourceFile)
.then(([uploadUrl, uploadedFileUrl]) => {
    // 2. UPLOAD THE FILE TO CLOUD.
    uploadFile(SourceFile, uploadUrl)
    .then(() => {
        // 3. CONVERT UPLOADED PDF FILE TO TIFF
        convertPdfToTiff(uploadedFileUrl, Password, Pages, DestinationFile);
    })
    .catch(e => {
        console.log(e);
    });
})
.catch(e => {
    console.log(e);
});


function getPresignedUrl(localFile) {
    return new Promise(resolve => {
        // Prepare request to `Get Presigned URL` API endpoint
        let queryPath = `/file/upload/get-presigned-url?contenttype=application/octet-s
        let reqOptions = {
            host: "localhost",
            path: encodeURI(queryPath)
        };
        // 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(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(uploadedFileUrl, password, pages, destinationFile) {
    // Prepare URL for `PDF To TIFF` API call
    var queryPath = `/pdf/convert/to/tiff?password=${password}&pages=${pages}&url=${up
    let reqOptions = {
        host: "localhost",
        path: encodeURI(queryPath),
        method: "GET"
    };
    // 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}"
                    });
                });
            }
            else {
                // Service reported error
                console.log("convertPdfToTiff(): " + data.message);
            }
        });
    })
    .on("error", (e) => {
        // Request error
        console.log("convertPdfToTiff(): " + e);
    });
}
```

VIDEO

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

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