

How to convert PDF to text from uploaded file (node for PDF to text API in JavaScript and ByteScout Cloud API Server

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

We regularly create and update our sample code library so you may quickly learn PDF to text API and the step-by-step process in JavaScript. ByteScout Cloud API Server helps with PDF to text 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 text API in your JavaScript application. 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! Writing JavaScript application mostly includes various stages of the software development so even if the functionality works please check it with your data and the production environment.

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:

ConvertPdfToTextFromUploadedFile.js

```
/*jshint esversion: 6 */

// Please NOTE: In this sample we're assuming Cloud Api Server is hosted at "https://localhost:9443"
// If it's not then please replace this 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 pages.
const Pages = "";
// PDF document password. Leave empty for unprotected documents.
const Password = "";
// Destination TXT file name
const DestinationFile = "./result.txt";

// 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 TEXT
        convertPdfToText(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-stream`;
        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 convertPdfToText(uploadedFileUrl, password, pages, destinationFile) {
    // Prepare request to `PDF To Text` API endpoint
    var queryPath = `/pdf/convert/to/text?name=${path.basename(destinationFile)}&password=${password}`;
    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 TXT file
                var file = fs.createWriteStream(destinationFile);
                https.get(data.url, (response2) => {
                    response2.pipe(file)
                    .on("close", () => {

```

```
        console.log(`Generated TXT file saved as "${destinationFile}"`);
    });
}
else {
    // Service reported error
    console.log("convertPdfToText(): " + data.message);
}
});
.on("error", (e) => {
    // Request error
    console.log("convertPdfToText(): " + e);
});
}
}
```

VIDEO

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

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