

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

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

The sample source codes on this page will show you how to create PDF to excel API in JavaScript. ByteScout Cloud API Server was designed to assist PDF to excel API in JavaScript. ByteScout Cloud API Server is the ready to deploy Web API Server that can be deployed in less than thirty minutes into your own in-house Windows server (no Internet connection is required to process data!) 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 built-in ByteScout powered engine, no cloud services are used to process your data!.

JavaScript code snippet like this for ByteScout Cloud API Server works best when you need to quickly implement PDF to excel 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! Check JavaScript sample code examples to see if they respond to your needs and requirements for the project.

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:

ConvertPdfToXlsFromUploadedFile.js

```
/*jshint esversion: 6 */

// Please NOTE: In this sample we're assuming Cloud Api Server is hosted at "https://1
// 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 pag
const Pages = "";
// PDF document password. Leave empty for unprotected documents.
const Password = "";
// Destination XLS file name
const DestinationFile = "./result.xls";

// 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 XLS
    convertPdfToXls(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 convertPdfToXls(uploadedFileUrl, password, pages, destinationFile) {
    // Prepare request to `PDF To XLS` API endpoint
    var queryPath = `/pdf/convert/to/xls?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 XLS file
                var file = fs.createWriteStream(destinationFile);
                https.get(data.url, (response2) => {
                    response2.pipe(file)
                    .on("close", () => {

```

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

VIDEO

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

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