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How to optimize PDF from file (node for PDF optimization API in JavaScript with ByteScout Cloud API Server

How to optimize PDF from file (node for PDF optimization API in JavaScript: Step By Step Instructions

The easy to understand coding guides help you check the features without any need to write your own code. PDF optimization API in JavaScript can be applied with ByteScout Cloud API Server. 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 connnection 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!.

Want to learn quickly? These fast application programming interfaces of ByteScout Cloud API Server for JavaScript plus the instruction and the code below will help to learn how to optimize PDF from file (node. 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! Use of ByteScout Cloud API Server in JavaScript is also described in the documentation given along with the product.

ByteScout Cloud API Server - free trial version is available on our website. Also, there are other code samples to help you with your JavaScript application included into trial version.

FOR MORE INFORMATION AND FREE TRIAL:

Download Free Trial SDK (on-premise version)

Read more about ByteScout Cloud API Server

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Source Code Files:

OptimizePdfFromFile_AsyncAPI.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";
// PDF document password. Leave empty for unprotected documents.
const Password = "";
// Destination PDF file name
const DestinationFile = "./result.pdf";

// Prepare request uri
var query = `https://localhost/pdf/optimize`;
let reqOptions = {
    uri: query,
    formData: {
        name: path.basename(DestinationFile),
        password: Password,
        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"
    };
```

```
    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 Da

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

VIDEO

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

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