How to merge PDF documents from uploaded file (node for PDF merging API in JavaScript with PDF.co Web API

How to merge PDF documents from uploaded file (node for PDF merging API in JavaScript: Step By Step Tutorial

Source code documentation samples provide quick and easy way to add a required functionality into your application. PDF.co Web API was made to help with PDF merging API in JavaScript. PDF.co Web API is the Rest API that provides set of data extraction functions, tools for documents manipulation, splitting and merging of pdf files. Includes built-in OCR, images recognition, can generate and read barcodes from images, scans and pdf.

You will save a lot of time on writing and testing code as you may just take the code below and use it in your application. Follow the instruction and copy - paste code for JavaScript into your project's code editor. Use of PDF.co Web API in JavaScript is also explained in the documentation included along with the product.

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

JavaScript - MergePDFDocumentsFromUploadedFile.js

```
/*jshint esversion: 6 */

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");

// The authentication key (API Key).
// Get your own by registering at https://app.pdf.co/documentation/api
const API_KEY = "**********************************";


// Source PDF file
const SourceFile1 = "./sample1.pdf";
const SourceFile2 = "./sample2.pdf";

// Destination PDF file name
const DestinationFile = "./result.pdf";
```

```
// Upload File-1: - 1. RETRIEVE PRESIGNED URL TO UPLOAD FILE.
getPresignedUrl(SourceFile1)
    .then(([uploadUrl1, uploadedFileUrl1]) => {

        // Upload File-1: - 2. UPLOAD THE FILE TO CLOUD.
        uploadFile(SourceFile1, uploadUrl1)
            .then(() => {

                // Upload File-2: - 1. RETRIEVE PRESIGNED URL TO UPLOAD FILE.
                getPresignedUrl(SourceFile2)
                    .then(([uploadUrl2, uploadedFileUrl2]) => {

                        // Upload File-2: - 2. UPLOAD THE FILE TO CLOUD.
                        uploadFile(SourceFile2, uploadUrl2)
                            .then(() => {

                                const SourceFiles = [
                                    uploadedFileUrl1,
                                    uploadedFileUrl2
                                ];

                                // Perform Merge PDF Documents
                                mergePDFDocuments(SourceFiles, DestinationFile);
                            })
                            .catch(e => {
                                console.log(e);
                            });
                    })
                    .catch(e => {
                        console.log(e);
                    });
            })
            .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 = `/v1/file/upload/get-presigned-url?
contenttype=application/octet-stream&name=${path.basename(localFile)}`;
        let reqOptions = {
            host: "api.pdf.co",
            path: encodeURI(queryPath),
            headers: { "x-api-key": API_KEY }
        };
        // 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(sourceFile, 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 mergePDFDocuments(SourceFiles, DestinationFile) {
    // Prepare request to `Merge PDF` API endpoint
    var queryPath = `/v1/pdf/merge?
name=${path.basename(DestinationFile)}&url=${SourceFiles.join(",")}`;
    var reqOptions = {
        host: "api.pdf.co",
        path: encodeURI(queryPath),
        headers: {
            "x-api-key": API_KEY
        }
    };
    // Send request
    https.get(reqOptions, (response) => {
        response.on("data", (d) => {
            // Parse JSON response
            var data = JSON.parse(d);
            if (data.error == false) {
                // Download PDF file
                var file = fs.createWriteStream(DestinationFile);
                https.get(data.url, (response2) => {
                    response2.pipe(file)
                        .on("close", () => {
                            console.log(`Generated PDF file saved as
"${DestinationFile}" file.`);
                        });
                });
```

```
            }
            else {
                // Service reported error
                console.log(data.message);
            }
        });
    }).on("error", (e) => {
        // Request error
        console.log(e);
    });
}
```

FOR MORE INFORMATION AND FREE TRIAL:

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