

How to convert CSV to PDF from uploaded file (node for CSV to PDF API in JavaScript using PDF.co Web API

See how to convert CSV to PDF from uploaded file (node to have CSV to PDF API in JavaScript

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 CSV to PDF API in JavaScript. PDF.co Web API is the Web API with a set of tools for documents manipulation, data conversion, data extraction, splitting and merging of documents. Includes image recognition, built-in OCR, barcode generation and barcode decoders to decode bar codes from scans, pictures and pdf.

The SDK samples like this one below explain how to quickly make your application do CSV to PDF API in JavaScript with the help of PDF.co Web API. This JavaScript sample code should be copied and pasted into your project. After doing this just compile your project and click Run. This basic programming language sample code for JavaScript will do the whole work for you in implementing CSV to PDF API in your app.

ByteScout free trial version is available for FREE download from our website. Programming tutorials along with source code samples are included.

JavaScript - ConvertCsvToPdfFromUploadedFile.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 CSV file
const SourceFile = "./sample.csv";
// Destination PDF file name
const DestinationFile = "./result.pdf";

// 1. RETRIEVE PRESIGNED URL TO UPLOAD FILE.
getPresignedUrl(API_KEY, SourceFile)
```

```

.then(([uploadUrl, uploadedFileUrl]) => {
  // 2. UPLOAD THE FILE TO CLOUD.
  uploadFile(API_KEY, SourceFile, uploadUrl)
    .then(() => {
      // 3. CONVERT UPLOADED CSV FILE TO PDF
      convertCsvToPdf(API_KEY, uploadedFileUrl, DestinationFile);
    })
    .catch(e => {
      console.log(e);
    });
})
.catch(e => {
  console.log(e);
});

function getPresignedUrl(apiKey, 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(SourceFile)}`;
    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(apiKey, 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 convertCsvToPdf(apiKey, uploadedFileUrl, destinationFile) {
    // Prepare URL for `CSV To PDF` API call
    let queryPath = `/v1/pdf/convert/from/csv?
name=${path.basename(destinationFile)}&url=${uploadedFileUrl}&async=True`;
    let reqOptions = {
        host: "api.pdf.co",
        path: encodeURI(queryPath),
        method: "GET",
        headers: { "x-api-key": API_KEY }
    };
    // 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) {
                console.log(`Job #${data.jobId} has been created!`);
                checkIfJobIsCompleted(data.jobId, data.url, destinationFile);
            }
            else {
                // Service reported error
                console.log("readBarcodes(): " + data.message);
            }
        });
    });
    .on("error", (e) => {
        // Request error
        console.log("readBarcodes(): " + e);
    });
}

function checkIfJobIsCompleted(jobId, resultFileUrl, destinationFile) {
    let queryPath = `/v1/job/check?jobid=${jobId}`;
    let reqOptions = {
        host: "api.pdf.co",
        path: encodeURI(queryPath),
        method: "GET",
        headers: { "x-api-key": API_KEY }
    };
    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
Date().toLocaleString()}`);

            if (data.status == "working") {

```

```
        // Check again after 3 seconds
        setTimeout(function () { checkIfJobIsCompleted(jobId, resultFileUrl,
destinationFile); }, 3000);
    }
    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
"${destinationFile}" file.`);
                });
        });
    }
    else {
        console.log(`Operation ended with status: "${data.status}`);
    }
}
});
}
```

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