

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

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

The sample source codes on this page will demonstrate you how to make CSV to PDF API in JavaScript. PDF.co Web API helps 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. Open your JavaScript project and simply copy & paste the code and then run your app! Enjoy writing a code with ready-to-use sample JavaScript codes to implement CSV to PDF API using PDF.co Web API.

Trial version of ByteScout is available for free download from our website. This and other source code samples for JavaScript and other programming languages are available.

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Source Code Files:

## 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`;
    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=${path.basename(destinationFile)}&u
  let reqOptions = {
    host: "api.pdf.co",
    path: encodeURI(queryPath),
    method: "GET",
    headers: { "x-api-key": API_KEY }
  };
  // Send request
  https.get(reqOptions, (response) => {
    response.on("data", (d) => {
      response.setEncoding("utf8");
      // Parse JSON response
      let data = JSON.parse(d);
      if (data.error == false) {
        // Download PDF file
        var file = fs.createWriteStream(destinationFile);
        https.get(data.url, (response2) => {
          response2.pipe(file)
          .on("close", () => {
            console.log(`Generated PDF file saved as "${destinationFile}"`
          });
        });
      }
    });
  });
}

```

```
        }
        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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