

How to convert CSV to PDF from URL (node for CSV to PDF API in JavaScript with ByteScout Cloud API Server)

Follow this simple tutorial to learn convert CSV to PDF from URL (node to have CSV to PDF API in JavaScript)

This page displays the code samples for programming in JavaScript. ByteScout Cloud API Server helps with CSV to PDF 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!.

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 convert CSV to PDF from URL (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! Further improvement of the code will make it more robust.

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:

ConvertCsvToPdfFromUrl.js

```
// Please NOTE: In this sample we're assuming Cloud Api Server is hosted at "https://localhost:3000"
// 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");

// Direct URL of source CSV file.
const SourceFileUrl = "https://bytescout-com.s3.amazonaws.com/files/demo-files/cloud-api/csv-to-pdf/bytescout.csv";
// Destination PDF file name
const DestinationFile = "./result.pdf";

// Prepare request to `CSV To PDF` API endpoint
var queryPath = `/pdf/convert/from/csv?name=${path.basename(DestinationFile)}&url=${SourceFileUrl}`;
var reqOptions = {
    host: "localhost",
    path: encodeURI(queryPath)
};

// Send request
https.get(reqOptions, (response) => {
    response.on("data", (d) => {
        // Parse JSON response
        var data = JSON.parse(d);
        if (data.error == false) {
            console.log(`Job #${data.jobId} has been created!`);
            checkIfJobIsCompleted(data.jobId, data.url);
        }
        else {
            // Service reported error
            console.log(data.message);
        }
    });
}).on("error", (e) => {
    // Request error
    console.log(e);
});

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 Date().toLocaleString()}`);
        });
    });
}
```

```

        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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