

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

## Step By Step Tutorial: how to convert PDF to HTML from file (node for PDF to HTML API in JavaScript

Every ByteScout tool contains example JavaScript source codes that you can find here or in the folder with installed ByteScout product. PDF.co Web API helps with PDF to HTML API in JavaScript. PDF.co Web API is the flexible Web API that includes full set of functions from e-signature requests to data extraction, OCR, images recognition, pdf splitting and pdf splitting. Can also generate barcodes 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. Sample code in JavaScript is all you need. Copy-paste it to your the code editor, then add a reference to PDF.co Web API and you are ready to try it! You can use these JavaScript sample examples in one or many applications.

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 - ConvertPdfToHtmlFromFile\_AsyncApi.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 SourceFile = "./sample.pdf";
// Comma-separated list of page indices (or ranges) to process. Leave empty for all
pages. Example: '0,2-5,7-'.
const Pages = "";
// PDF document password. Leave empty for unprotected documents.
const Password = "";
// Destination HTML file name
const DestinationFile = "./result.html";
```

```

// Set to `true` to get simplified HTML without CSS. Default is the rich HTML keeping
the document design.
const PlainHtml = 'False';
// Set to `true` if your document has the column layout like a newspaper.
const ColumnLayout = 'False';

// Prepare request uri for `PDF To HTML` API endpoint
var query = `https://api.pdf.co/v1/pdf/convert/to/html`;
let reqOptions = {
  uri: query,
  headers: { "x-api-key": API_KEY },
  formData: {
    name: path.basename(DestinationFile),
    password: Password,
    pages: Pages,
    simple: PlainHtml,
    columns: ColumnLayout,
    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 = `/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);
}, 3000);
      }
      else if (data.status == "success") {

```

```
// Download HTML file
var file = fs.createWriteStream(DestinationFile);
https.get(resultFileUrl, (response2) => {
  response2.pipe(file)
    .on("close", () => {
      console.log(`Generated HTML file saved as
"${DestinationFile}" file.`);
    });
})
}
else {
  console.log(`Operation ended with status: "${data.status}`);
}
})
});
}
```

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