

How to generate PDF from HTML file for HTML to PDF API in JavaScript using PDF.co Web API

What is PDF.co Web API? It 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.

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Source Code Files:

app.js

```
var https = require("https");
var path = require("path");
var fs = require("fs");

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

// HTML Input
const inputHtml = "./sample.html";
// Destination PDF file name
const DestinationFile = "./result.pdf";

// Prepare requests params as JSON
// See documentation: https://apidocs.pdf.co/#1-json-pdfconvertfromhtml
```

```

var parameters = {};

// Input HTML code to be converted. Required.
parameters["html"] = fs.readFileSync(inputHtml, "utf8");

// Name of resulting file
parameters["name"] = path.basename(DestinationFile);

// Set to css style margins like 10 px or 5px 5px 5px 5px.
parameters["margins"] = "5px 5px 5px 5px";

// Can be Letter, A4, A5, A6 or custom size like 200x200
parameters["paperSize"] = "Letter";

// Set to Portrait or Landscape. Portrait by default.
parameters["orientation"] = "Portrait";

// true by default. Set to false to disbale printing of background.
parameters["printBackground"] = true;

// If large input document, process in async mode by passing true
parameters["async"] = false;

// Set to HTML for header to be applied on every page at the header.
parameters["header"] = "";

// Set to HTML for footer to be applied on every page at the bottom.
parameters["footer"] = "";

// Convert JSON object to string
var jsonPayload = JSON.stringify(parameters);

// Prepare request to `HTML To PDF` API endpoint
var url = '/v1/pdf/convert/from/html';
var reqOptions = {
  host: "api.pdf.co",
  path: url,
  method: "POST",
  headers: {
    "x-api-key": API_KEY,
    "Content-Type": "application/json",
    "Content-Length": Buffer.byteLength(jsonPayload, 'utf8')
  }
};

// Send request
var postRequest = https.request(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);
});

// Write request data
postRequest.write(jsonPayload);
postRequest.end();

```

package.json

```
{
  "name": "test",
  "version": "1.0.0",
  "description": "PDF.co",
  "main": "app.js",
  "scripts": {
  },
  "keywords": [
    "pdf.co",
    "web",
    "api",
    "bytescout",
    "api"
  ],
  "author": "ByteScout & PDF.co",
  "license": "ISC",
  "dependencies": {
    "request": "^2.88.2"
  }
}
```

VIDEO

<https://www.youtube.com/watch?v=NEwNs2b9YN8>

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