

How to convert PDF to HTML from URL (node for PDF to HTML API in JavaScript with PDF.co Web API)

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

ByteScout tutorials explain the code material for beginners and advanced programmers who are using JavaScript. PDF.co Web API was made to help with PDF to HTML 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.

JavaScript code snippet like this for PDF.co Web API works best when you need to quickly implement PDF to HTML API in your JavaScript 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! Code testing will allow the function to be tested and work properly with your data.

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Source Code Files:

```

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 = "*****";

// Direct URL of source PDF file.
const SourceFileUrl = "https://bytescout-com.s3.amazonaws.com/files/demo-files/cloud-ap
// Comma-separated list of page indices (or ranges) to process. Leave empty for all pag
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 t
const PlainHtml = false;
// Set to `true` if your document has the column layout like a newspaper.
const ColumnLayout = false;

// Prepare request to `PDF To HTML` API endpoint
var queryPath = `/v1/pdf/convert/to/html?name=${path.basename(DestinationFile)}&passwo
`&simple=${PlainHtml}&columns=${ColumnLayout}&url=${SourceFileUrl}&async=True`;
var reqOptions = {
  host: "api.pdf.co",
  path: encodeURI(queryPath),
  headers: {
    "x-api-key": API_KEY
  }
};
// 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!`);

      // Process returned job
      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 = `/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()}`);

    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 "${DestinationFile}"`);
          });
      });
    }
    else {
      console.log(`Operation ended with status: "${data.status}".`);
    }
  })
});
}

```

VIDEO

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

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