

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

Step-by-step tutorial:How to convert PDF to HTML from URL (node to have PDF to HTML API in JavaScript)

These source code samples are listed and grouped by their programming language and functions they use. ByteScout Cloud API Server was designed to assist PDF to HTML 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!.

Use the code displayed below in your application to save a lot of time on writing and testing code. This JavaScript sample code can be used by copying and pasting into your project. Once done, just compile your project and click Run. Want to see how it works with your data then code testing will allow the function to be tested and work properly.

Our website provides free trial version of ByteScout Cloud API Server that gives source code samples to assist with your JavaScript project.

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Source Code Files:

ConvertPdfToHtmlFromUrl.js

```
// Please NOTE: In this sample we're assuming Cloud Api Server is hosted at "https://1
// 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 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
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 = `/pdf/convert/to/html?name=${path.basename(DestinationFile)}&password=${
  `&simple=${PlainHtml}&columns=${ColumnLayout}&url=${SourceFileUrl}&async=True`;
var reqOptions = {
  host: "localhost",
  path: encodeURI(queryPath)
};
// Send request
https.get(reqOptions, (response) => {
  response.on("data", (d) => {
    // Parse JSON response
    var data = JSON.parse(d);
    if (data.error == false) {
      console.log(`Job #${data.jobId} has been created!`);

      // 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 = `/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()}`);

      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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