

# How to convert PDF to JPEG from URL (node for PDF to image API in JavaScript using PDF.co Web API)

Tutorial: how to convert PDF to JPEG from URL (node for PDF to image API in JavaScript)

Sample source codes below will show you how to cope with a difficult task, for example, PDF to image API in JavaScript. PDF.co Web API was made to help with PDF to image API in JavaScript. PDF.co Web API 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.

The SDK samples like this one below explain how to quickly make your application do PDF to image API in JavaScript with the help of PDF.co Web API. 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.

Our website provides free trial version of PDF.co Web API that includes source code samples to help with your JavaScript project.

JavaScript - ConvertPdfToJpegFromUrl.js

```
var https = require("https");
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 SourceFileUrl = "https://bytescout-com.s3.amazonaws.com/files/demo-files/cloud-api/pdf-to-image/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 = "";

// Prepare request to `PDF To JPEG` API endpoint
var queryPath = `/v1/pdf/convert/to/jpg?
password=${Password}&pages=${Pages}&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!`);
      checkIfJobIsCompleted(data.jobId, data.url);
    }
    else {
      // Service reported error
      console.log(data.message);
    }
  });
}).on("error", (e) => {
  // Request error
  console.error(e);
});

function checkIfJobIsCompleted(jobId, resultFileUrlJson) {
  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,
resultFileUrlJson)} , 3000);
      }
      else if (data.status == "success") {

        request({ method: 'GET', uri: resultFileUrlJson, gzip: true },
          function (error, response, body) {

            // Parse JSON response
            let respJsonFileArray = JSON.parse(body);
            let page = 1;

            respJsonFileArray.forEach((url) => {
              var localFileName = `./page${page}.jpg`;

```

```
        var file = fs.createWriteStream(localFileName);
        https.get(url, (response2) => {
            response2.pipe(file)
                .on("close", () => {
                    console.log(`Generated JPEG file saved as
"${localFileName} file."`);
                });
        });
        page++;
    }, this);
});
}
else {
    console.log(`Operation ended with status: "${data.status}".`);
}
})
});
}
```

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FOR MORE INFORMATION AND FREE TRIAL:

[Download Free Trial SDK \(on-premise version\)](#)

[Read more about PDF.co Web API](#)

[Explore documentation](#)

[Visit www.ByteScout.com](#)

or

[Get Your Free API Key for www.PDF.co Web API](#)