

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

Learn how to convert PDF to PNG from URL (node to have PDF to image API in JavaScript)

The documentation is designed to help you to implement the features on your side. PDF to image API in JavaScript can be implemented with PDF.co Web API. 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.

JavaScript code snippet like this for PDF.co Web API works best when you need to quickly implement PDF to image API in your JavaScript application. Open your JavaScript project and simply copy & paste the code and then run your app! This basic programming language sample code for JavaScript will do the whole work for you in implementing PDF to image API in your app.

Trial version of ByteScout is available for free download from our website. This and other source code samples for JavaScript and other programming languages are available.

JavaScript - ConvertPdfToPngFromUrl.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 PNG` API endpoint
var queryPath = `/v1/pdf/convert/to/png?
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${page}.png`;
    var file = fs.createWriteStream(localFileName);
    https.get(url, (response2) => {
        response2.pipe(file)
            .on("close", () => {
                console.log(`Generated PNG file saved as
"${localFileName} file.`);
            });
    });
    page++;
}, this);
});
}
else {
    console.log(`Operation ended with status: "${data.status}`);
}
});
}
```

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