

How to read barcode from file (node for barcode reader API in JavaScript and PDF.co Web API)

Tutorial: how to read barcode from file (node for barcode reader API in JavaScript)

We've created and updating regularly our sample code library so you may quickly learn barcode reader API and the step-by-step process in JavaScript. PDF.co Web API was made to help with barcode reader 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.

This rich sample source code in JavaScript for PDF.co Web API includes the number of functions and options you should do calling the API to implement barcode reader API. 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 barcode reader API in your app.

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

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Source Code Files:

ReadBarcodeFromFile_AsyncAPI.js

```
/*jshint esversion: 6 */

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 file name
const SourceFile = "./sample.pdf";
// Comma-separated list of barcode types to search.
// See valid barcode types in the documentation https://app.pdf.co/documentation/api/1
const BarcodeTypes = "Code128,Code39,Interleaved2of5,EAN13";
// Comma-separated list of page indices (or ranges) to process. Leave empty for all pages.
const Pages = "";

// Prepare request uri for `Barcode Reader` API endpoint
var query = `https://api.pdf.co/v1/barcode/read/from/url`;
let reqOptions = {
  uri: query,
  headers: { "x-api-key": API_KEY },
  formData: {
    types: BarcodeTypes,
    pages: Pages,
    async: 'True',
    file: fs.createReadStream(SourceFile)
  }
};

// Send request
request.post(reqOptions, function (error, response, body) {
  if (error) {
    return console.error("Error: ", error);
  }

  // Parse JSON response
  let data = JSON.parse(body);
  console.log(`Job #${data.jobId} has been created!`);
  checkIfJobIsCompleted(data.jobId, data.url);
});

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()}`);

    if (data.status == "working") {
      // Check again after 3 seconds
      setTimeout(function() { checkIfJobIsCompleted(jobId, res); }, 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);

          respJsonFileArray.forEach((element) => {
            console.log("Found barcode:");
            console.log("  Type: " + element["TypeName"]);
            console.log("  Value: " + element["Value"]);
            console.log("  Document Page Index: " + element["Page"]);
            console.log("  Rectangle: " + element["Rect"]);
            console.log("  Confidence: " + element["Confidence"]);
            console.log();
          }, this);
        });
      }
    else {
      console.log(`Operation ended with status: "${data.status}".`);
    }
  });
});
}

```

VIDEO

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

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