

# How to PDF text search API in JavaScript and PDF.co Web API

This code in JavaScript shows how to PDF text search API with this how to tutorial

Source code documentation samples provide quick and easy way to add a required functionality into your application. PDF.co Web API is the flexible Web API that includes full set of functions from e-signature requests to data extraction, OCR, images recognition, pdf splitting and pdf splitting. Can also generate barcodes and read barcodes from images, scans and pdf and you can use it to PDF text search API with JavaScript.

This code snippet below for PDF.co Web API works best when you need to quickly PDF text search API in your JavaScript application. In your JavaScript project or application you may simply copy & paste the code and then run your app! Use of PDF.co Web API in JavaScript is also explained in the documentation included along with the product.

Trial version of PDF.co Web API can be downloaded for free from our website. It also includes source code samples for JavaScript and other programming languages.

JavaScript - PDFTextSearchFromFileAsyncApi.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 file name
const SourceFile = "./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 = "";

// Search string.
const SearchString = '[4-9][0-9].[0-9][0-9]'; // Regular expression to find numbers
in format dd.dd and between 40.00 to 99.99
```

```

// Enable regular expressions (Regex)
const RegexSearch = 'True';

// Execute as async api
const Async = 'True';

// Prepare URL for PDF text search API call.
// See documentation: https://app.pdf.co/documentation/api/1.0/pdf/find.html
var query = `https://api.pdf.co/v1/pdf/find`;
let reqOptions = {
  uri: query,
  headers: { "x-api-key": API_KEY },
  formData: {
    password: Password,
    pages: Pages,
    searchString: SearchString,
    regexSearch: RegexSearch,
    file: fs.createReadStream(SourceFile),
    async: Async
  }
};

// Send request
request.get(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().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);

            for (let index = 0; index < respJsonFileArray.length;
index++) {

                const element = respJsonFileArray[index];
                console.log("Found text " + element["text"] + " at
coordinates " + element["left"] + ", " + element["top"]);
            }

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

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FOR MORE INFORMATION AND FREE TRIAL:

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