

# How to PDF make searchable API in JavaScript and PDF.co Web API

This code in JavaScript shows how to PDF make searchable API with this how to tutorial

This sample source code below will demonstrate you how to PDF make searchable API in JavaScript. PDF.co Web API: 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. It can PDF make searchable API in JavaScript.

You will save a lot of time on writing and testing code as you may just take the JavaScript code from PDF.co Web API for PDF make searchable API below and use it in your application. In your JavaScript project or application you may simply copy & paste the code and then run your app! Test JavaScript sample code examples whether they respond your needs and requirements for the project.

You can download free trial version of PDF.co Web API from our website to see and try many others source code samples for JavaScript.

JavaScript - MakeSearchablePdfFromFile\_AsyncAPI.js

```
/*jshint esversion: 6 */

var https = require("https");
var path = require("path");
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 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 = "";
// OCR language. "eng", "fra", "deu", "spa" supported currently. Let us know if you
need more.
const Language = "eng";
// Destination PDF file name
```

```

const DestinationFile = "./result.pdf";

// Prepare request uri to `Make Searchable PDF` API endpoint
var query = `https://api.pdf.co/v1/pdf/makesearchable`;
let reqOptions = {
  uri: query,
  headers: { "x-api-key": API_KEY },
  formData: {
    name: path.basename(DestinationFile),
    password: Password,
    pages: Pages,
    lang: Language,
    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, resultFileUrl) {
  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,
resultFileUrl, DestinationFile); }, 3000);
      }
      else if (data.status == "success") {
        // Download PDF file
        var file = fs.createWriteStream(DestinationFile);
        https.get(resultFileUrl, (response2) => {
          response2.pipe(file)
            .on("close", () => {
              console.log(`Generated PDF file saved as
"${DestinationFile}" file.`);
            });
        });
      }
    });
  });
}

```

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

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