

How to PDF make searchable API in JavaScript with PDF.co Web API

How to PDF make searchable API in JavaScript

These sample source codes on this page below are demonstrating how to PDF make searchable API in JavaScript. 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. It can be used to PDF make searchable API using 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. This JavaScript sample code is all you need for your app. Just copy and paste the code, add references (if needs to) and you are all set! Code testing will allow the function to be tested and work properly with your data.

Free trial version of PDF.co Web API is available on our website. Documentation and source code samples are included.

JavaScript - MakeSearchablePdfFromUploadedFile.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";

// 1. RETRIEVE PRESIGNED URL TO UPLOAD FILE.
getPresignedUrl(API_KEY, SourceFile)
  .then(([uploadUrl, uploadedFileUrl]) => {
    // 2. UPLOAD THE FILE TO CLOUD.
    uploadFile(API_KEY, SourceFile, uploadUrl)
      .then(() => {
        // 3. MAKE UPLOADED PDF FILE SEARCHABLE
        makePdfSearchable(API_KEY, uploadedFileUrl, Password, Pages,
Language, DestinationFile);
      })
      .catch(e => {
        console.log(e);
      });
  })
  .catch(e => {
    console.log(e);
  });

function getPresignedUrl(apiKey, localFile) {
  return new Promise(resolve => {
    // Prepare request to `Get Presigned URL` API endpoint
    let queryPath = `/v1/file/upload/get-presigned-url?
contenttype=application/octet-stream&name=${path.basename(SourceFile)}`;
    let reqOptions = {
      host: "api.pdf.co",
      path: encodeURI(queryPath),
      headers: { "x-api-key": API_KEY }
    };
    // Send request
    https.get(reqOptions, (response) => {
      response.on("data", (d) => {
        let data = JSON.parse(d);
        if (data.error == false) {
          // Return presigned url we received
          resolve([data.presignedUrl, data.url]);
        }
        else {
          // Service reported error
          console.log("getPresignedUrl(): " + data.message);
        }
      });
    })
    .on("error", (e) => {
      // Request error
      console.log("getPresignedUrl(): " + e);
    });
  });
}

function uploadFile(apiKey, localFile, uploadUrl) {
  return new Promise(resolve => {
    fs.readFile(SourceFile, (err, data) => {
      request({
        method: "PUT",
        url: uploadUrl,

```

```

        body: data,
        headers: {
            "Content-Type": "application/octet-stream"
        }
    }, (err, res, body) => {
        if (!err) {
            resolve();
        }
        else {
            console.log("uploadFile() request error: " + e);
        }
    });
});
});
}

```

```

function makePdfSearchable(apiKey, uploadedFileUrl, password, pages, language,
destinationFile) {
    // Prepare request to `Make Searchable PDF` API endpoint
    var queryPath = `/v1/pdf/makesearchable?
name=${path.basename(destinationFile)}&password=${password}&pages=${pages}&lang=${lang}

    let reqOptions = {
        host: "api.pdf.co",
        path: encodeURI(queryPath),
        method: "GET",
        headers: { "x-api-key": API_KEY }
    };
    // Send request
    https.get(reqOptions, (response) => {
        response.on("data", (d) => {
            response.setEncoding("utf8");
            // Parse JSON response
            let data = JSON.parse(d);
            if (data.error == false) {
                console.log(`Job #${data.jobId} has been created!`);
                checkIfJobIsCompleted(data.jobId, data.url, destinationFile);
            }
            else {
                // Service reported error
                console.log("makePdfSearchable(): " + data.message);
            }
        });
    })
    .on("error", (e) => {
        // Request error
        console.log("makePdfSearchable(): " + e);
    });
}

```

```

function checkIfJobIsCompleted(jobId, resultFileUrl, destinationFile) {
    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}".`);
    }
  })
});
}

```

FOR MORE INFORMATION AND FREE TRIAL:

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

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[Visit www.ByteScout.com](http://www.ByteScout.com)

or

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