

How to PDF make searchable API in JavaScript and ByteScout Cloud API Server

Learning is essential in computer world and the tutorial below will demonstrate how to PDF make searchable API in JavaScript

The code displayed below will guide you to install an JavaScript app to PDF make searchable API. ByteScout Cloud API Server is API server that is ready to use and can be installed and deployed in less than 30 minutes on your own Windows server or server in a cloud. It can save data and files on your local server-based file storage or in Amazon AWS S3 storage. Data is processed solely on the API server and is powered by ByteScout engine, no cloud services or Internet connection is required for data processing. and you can use it to PDF make searchable API with JavaScript.

These JavaScript code samples for JavaScript guide developers to speed up coding of the application when using ByteScout Cloud API Server. IF you want to implement the functionality, just copy and paste this code for JavaScript below into your code editor with your app, compile and run your application. Applying JavaScript application mostly includes various stages of the software development so even if the functionality works please test it with your data and the production environment.

The trial version of ByteScout Cloud API Server can be downloaded for free from our website. It also includes source code samples for JavaScript and other programming languages.

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Source Code Files:

MakeSearchablePdfFromUrl.js

```
// Please NOTE: In this sample we're assuming Cloud Api Server is hosted at "https://localhost:8080"
// If it's not then please replace this with with your hosting url.

var https = require("https");
var path = require("path");
var fs = require("fs");

// Direct URL of source PDF file.
const SourceFileUrl = "https://bytescout-com.s3.amazonaws.com/files/demo-files/cloud-api/pdf-searchable.pdf";
// Comma-separated list of page indices (or ranges) to process. Leave empty for all pages.
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 another.
const Language = "eng";
// Destination PDF file name
const DestinationFile = "./result.pdf";

// Prepare request to `Make Searchable PDF` API endpoint
var queryPath = `/pdf/makesearchable?name=${path.basename(DestinationFile)}&password=${Password}&pages=${Pages}&language=${Language}`;
var reqOptions = {
    host: "localhost",
    path: encodeURI(queryPath)
};

// 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.log(e);
});

function checkIfJobIsCompleted(jobId, resultFileUrl) {
    let queryPath = `/job/check?jobid=${jobId}`;
    let reqOptions = {
        host: "localhost",
        path: encodeURI(queryPath),
        method: "GET"
    };
}
```

```

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

```

VIDEO

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

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