

How to PDF text search API in JavaScript and ByteScout Cloud API Server

Continuous learning is a crucial part of computer science and this tutorial shows how to PDF text search API in JavaScript

These source code samples are assembled by their programming language and functions they apply. 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 text search API with JavaScript.

Want to save time? You will save a lot of time on writing and testing code as you may just take the JavaScript code from ByteScout Cloud API Server for PDF text search 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! Use of ByteScout Cloud API Server in JavaScript is also described in the documentation included along with the product.

You can download free trial version of ByteScout Cloud API Server from our website with this and other source code samples for JavaScript.

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Source Code Files:

PdfTextSearchFromUrl.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.

// `request` module is required for file upload.
// Use "npm install request" command to install.
var request = require("request");

// Direct URL of source PDF file.
const SourceFileUrl = "https://bytescout-com.s3.amazonaws.com/files/demo-files/cloud-api/pdf-text-search/sample.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 = "";

// Search string.
const SearchString = '[4-9][0-9].[0-9][0-9]'; // Regular expression to find numbers in the text

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

// Prepare URL for PDF text search API call.
var query = `https://localhost/pdf/find`;
let reqOptions = {
    uri: query,
    formData: {
        password: Password,
        pages: Pages,
        url: SourceFileUrl,
        searchString: SearchString,
        regexSearch: RegexSearch
    }
};

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

    // Parse JSON response
    let data = JSON.parse(body);
    for (let index = 0; index < data.body.length; index++) {
        const element = data.body[index];
        console.log("Found text " + element["text"] + " at coordinates " + element["left"] + " " + element["top"]);
    }
});
```

VIDEO

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

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