

How to add text and images to PDF in JavaScript with ByteScout Cloud API Server

This code in JavaScript shows how to add text and images to PDF with this how to tutorial

The sample shows instructions and algorithm of how to add text and images to PDF and how to make it run in your JavaScript application. What is ByteScout Cloud API Server? It 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.. It can help you to add text and images to PDF in your JavaScript application.

Want to quickly learn? This fast application programming interfaces of ByteScout Cloud API Server for JavaScript plus the guidelines and the code below will help you quickly learn how to add text and images to PDF. 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! Complete and detailed tutorials and documentation are available along with installed ByteScout Cloud API Server if you'd like to learn more about the topic and the details of the API.

All these programming tutorials along with source code samples and ByteScout free trial version are available for download from our website.

FOR MORE INFORMATION AND FREE TRIAL:

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

[Read more about ByteScout Cloud API Server](#)

[Explore API Documentation](#)

[Get Free Training for ByteScout Cloud API Server](#)

[Get Free API key for Web API](#)

[visit www.Bytescout.com](http://www.Bytescout.com)

Source Code Files:

AddTextByFindingTargetCoordinates.js

```
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");

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

// Search string.
const SearchString = 'Notes';

// Please NOTE: In this sample we're assuming Cloud Api Server is hosted at "https://localhost/pdf/extract".
// If it's not then please replace this with your hosting url.
var queryFindText = `https://localhost/pdf/find`;
let reqOptionsFindText = {
  uri: queryFindText,
  formData: {
    url: SourceFileUrl,
    searchString: SearchString
  }
};

// Send request
request.get(reqOptionsFindText, function (error, responseFindText, bodyFindText) {
  if (error) {
    return console.error("Error: ", error);
  }

  // Parse JSON response
  let dataFindText = JSON.parse(bodyFindText);
  if (dataFindText.body.length > 0) {
    var element = dataFindText.body[0];
    console.log("Found text " + element["text"] + " at coordinates " + element["left"] + " " + element["top"]);

    // 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 = "";

    // Destination PDF file name
    const DestinationFile = "./result.pdf";

    // Text annotation params
    const Type = "annotation";
    const X = +element["left"];
    const Y = +element["top"] + 25;
    const Text = "Some notes will go here... Some notes will go here.... Some notes will go here...";
    const FontName = "Times New Roman";
```

```

const FontSize = 12;
const Color = "FF0000";

// * Add Text *
// Prepare request to `PDF Edit` API endpoint
var queryPath = `/pdf/edit/add?name=${path.basename(DestinationFile)}&password=
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) {
      // Download the PDF file
      var file = fs.createWriteStream(DestinationFile);
      https.get(data.url, (response2) => {
        response2.pipe(file).on("close", () => {
          console.log(`Generated PDF file saved to '${DestinationFile
        });
      });
    }
    else {
      // Service reported error
      console.log(data.message);
    }
  });
}).on("error", (e) => {
  // Request error
  console.error(e);
});

} else {
  console.error("No result found.");
}
});

```

VIDEO

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

ON-PREMISE OFFLINE SDK

[60 Day Free Trial](#) or [Visit ByteScout Cloud API Server Home Page](#)
[Explore ByteScout Cloud API Server Documentation](#)
[Explore Samples](#)
[Sign Up for ByteScout Cloud API Server Online Training](#)

ON-DEMAND REST WEB API

[Get Your API Key](#)
[Explore Web API Docs](#)
[Explore Web API Samples](#)

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

[visit www.PDF.co](http://www.PDF.co)

www.bytescout.com