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

If you want to learn more then this tutorial will show how to add text and images to PDF in JavaScript

The sample source code below will teach you how to add text and images to PDF in JavaScript. ByteScout Cloud API Server: 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 add text and images to PDF in 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.

You can download free trial version of ByteScout Cloud API Server from our website to see and try many others source code samples for JavaScript.

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Source Code Files:

AddImageByFindingTargetCoordinates.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/bytescout-test.pdf";

// Search string.
const SearchString = 'Your Company Name';

// Please NOTE: In this sample we're assuming Cloud API Server is hosted at "https://localhost:443"
// If it's not then please replace this with your hosting url.

// Prepare URL for PDF text search API call.
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";

// Image params
const Type = "image";
const X = 450;
```

```

const Y = +element["top"];
const Width = 119;
const Height = 32;
const ImageUrl = "https://bytescout-com.s3.amazonaws.com/files/demo-files/cloud-api/line-art/line-art-1.png?Expires=3600&Signature=...";

// * Add image *
// 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>

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