

## How to add text and images to PDF in JavaScript and PDF.co Web API

The tutorial below will demonstrate how to add text and images to PDF in JavaScript

The sample source codes on this page shows how to add text and images to PDF in JavaScript. Want to add text and images to PDF in your JavaScript app? PDF.co Web API is designed for it. PDF.co Web API is the Web API with a set of tools for documents manipulation, data conversion, data extraction, splitting and merging of documents. Includes image recognition, built-in OCR, barcode generation and barcode decoders to decode bar codes from scans, pictures and pdf.

The SDK samples like this one below explain how to quickly make your application do add text and images to PDF in JavaScript with the help of PDF.co Web API. 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! Implementing JavaScript application typically includes multiple stages of the software development so even if the functionality works please test it with your data and the production environment.

Trial version of PDF.co Web API 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:

## 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");

// The authentication key (API Key).
// Get your own by registering at https://app.pdf.co/documentation/api
const API_KEY = "*****";

// Direct URL of source PDF file.
const SourceFileUrl = "https://bytescout-com.s3.amazonaws.com/files/demo-files/cloud-ap

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

// Prepare URL for PDF text search API call.
// See documentation: https://app.pdf.co/documentation/api/1.0/pdf/find.html
var queryFindText = `https://api.pdf.co/v1/pdf/find`;
let reqOptionsFindText = {
  uri: queryFindText,
  headers: { "x-api-key": API_KEY },
  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["le

    // Comma-separated list of page indices (or ranges) to process. Leave empty fo
    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

// * Add image *
// Prepare request to `PDF Edit` API endpoint
var queryPath = `/v1/pdf/edit/add?name=${path.basename(DestinationFile)}&passwo
var reqOptions = {
  host: "api.pdf.co",
  path: encodeURI(queryPath),
  headers: {
    "x-api-key": API_KEY
  }
};
// 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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