

# How to convert PDF to text from uploaded file (node for PDF to text API in JavaScript and PDF.co Web API)

## Tutorial: how to convert PDF to text from uploaded file (node for PDF to text API in JavaScript)

Sample source codes below will show you how to cope with a difficult task, for example, PDF to text API in JavaScript. PDF.co Web API was made to help with PDF to text API in JavaScript. PDF.co Web API is the flexible Web API that includes full set of functions from e-signature requests to data extraction, OCR, images recognition, pdf splitting and pdf splitting. Can also generate barcodes and read barcodes from images, scans and pdf.

JavaScript code snippet like this for PDF.co Web API works best when you need to quickly implement PDF to text API in your JavaScript application. Sample code in JavaScript is all you need. Copy-paste it to your the code editor, then add a reference to PDF.co Web API and you are ready to try it! You can use these JavaScript sample examples in one or many applications.

ByteScout free trial version is available for FREE download from our website. Programming tutorials along with source code samples are included.

JavaScript - ConvertPdfToTextFromUploadedFile.js

```
/*jshint esversion: 6 */

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 = "*****";

// Source PDF file
const SourceFile = "./sample.pdf";
// Comma-separated list of page indices (or ranges) to process. Leave empty for all
pages. Example: '0,2-5,7-'.
const Pages = "";
// PDF document password. Leave empty for unprotected documents.
const Password = "";
// Destination TXT file name
const DestinationFile = "./result.txt";
```

```

// 1. RETRIEVE PRESIGNED URL TO UPLOAD FILE.
getPresignedUrl(API_KEY, SourceFile)
.then(([uploadUrl, uploadedFileUrl]) => {
  // 2. UPLOAD THE FILE TO CLOUD.
  uploadFile(API_KEY, SourceFile, uploadUrl)
  .then(() => {
    // 3. CONVERT UPLOADED PDF FILE TO TEXT
    convertPdfToText(API_KEY, uploadedFileUrl, Password, Pages, DestinationFile);
  })
  .catch(e => {
    console.log(e);
  });
})
.catch(e => {
  console.log(e);
});
});

```

```

function getPresignedUrl(apiKey, localFile) {
  return new Promise(resolve => {
    // Prepare request to `Get Presigned URL` API endpoint
    let queryPath = `/v1/file/upload/get-presigned-url?
contentType=application/octet-stream&name=${path.basename(SourceFile)}`;
    let reqOptions = {
      host: "api.pdf.co",
      path: encodeURI(queryPath),
      headers: { "x-api-key": API_KEY }
    };
    // Send request
    https.get(reqOptions, (response) => {
      response.on("data", (d) => {
        let data = JSON.parse(d);
        if (data.error == false) {
          // Return presigned url we received
          resolve([data.presignedUrl, data.url]);
        }
        else {
          // Service reported error
          console.log("getPresignedUrl(): " + data.message);
        }
      });
    })
    .on("error", (e) => {
      // Request error
      console.log("getPresignedUrl(): " + e);
    });
  });
}

```

```

function uploadFile(apiKey, localFile, uploadUrl) {
  return new Promise(resolve => {
    fs.readFile(SourceFile, (err, data) => {
      request({
        method: "PUT",
        url: uploadUrl,
        body: data,
        headers: {
          "Content-Type": "application/octet-stream"
        }
      })
    });
  });
}

```

```

    }
    }, (err, res, body) => {
      if (!err) {
        resolve();
      }
      else {
        console.log("uploadFile() request error: " + e);
      }
    });
  });
});
}

function convertPdfToText(apiKey, uploadedFileUrl, password, pages, destinationFile)
{
  // Prepare request to `PDF To Text` API endpoint
  var queryPath = `/v1/pdf/convert/to/text?
name=${path.basename(destinationFile)}&password=${password}&pages=${pages}&url=${upload

  let reqOptions = {
    host: "api.pdf.co",
    path: encodeURI(queryPath),
    method: "GET",
    headers: { "x-api-key": API_KEY }
  };
  // Send request
  https.get(reqOptions, (response) => {
    response.on("data", (d) => {
      response.setEncoding("utf8");
      // Parse JSON response
      let data = JSON.parse(d);
      if (data.error == false) {
        // Download TXT file
        var file = fs.createWriteStream(destinationFile);
        https.get(data.url, (response2) => {
          response2.pipe(file)
            .on("close", () => {
              console.log(`Generated TXT file saved as "${destinationFile}"
file.`);
            });
          });
        }
        else {
          // Service reported error
          console.log("convertPdfToText(): " + data.message);
        }
      }
    });
  })
  .on("error", (e) => {
    // Request error
    console.log("convertPdfToText(): " + e);
  });
}
}

```

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FOR MORE INFORMATION AND FREE TRIAL:

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[Read more about PDF.co Web API](#)

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or

[Get Your Free API Key for \[www.PDF.co\]\(http://www.PDF.co\) Web API](#)