

## How to convert PDF to text from uploaded file (node for PDF to text API in JavaScript with ByteScout Cloud API Server

### Step By Step Instructions on how to convert PDF to text from uploaded file (node for PDF to text API in JavaScript

This page displays the code samples for programming in JavaScript. ByteScout Cloud API Server was designed to assist PDF to text API in JavaScript. ByteScout Cloud API Server is the ready to deploy Web API Server that can be deployed in less than thirty minutes into your own in-house Windows server (no Internet connection is required to process data!) or into private cloud server. Can store data on in-house local server based storage or in Amazon AWS S3 bucket. Processing data solely on the server using built-in ByteScout powered engine, no cloud services are used to process your data!.

The SDK samples displayed below explain how to quickly make your application do PDF to text API in JavaScript with the help of ByteScout Cloud API Server. Follow the tutorial and copy - paste code for JavaScript into your project's code editor. You can use these JavaScript sample examples in one or many applications.

ByteScout Cloud API Server - free trial version is available on our website. Also, there are other code samples to help you with your JavaScript application included into trial version.

FOR MORE INFORMATION AND FREE TRIAL:

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Source Code Files:

## ConvertPdfToTextFromUploadedFile.js

```
/*jshint esversion: 6 */

// Please NOTE: In this sample we're assuming Cloud Api Server is hosted at "https://1
// If it's not then please replace this with with your hosting url.

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");

// Source PDF file
const SourceFile = "./sample.pdf";
// Comma-separated list of page indices (or ranges) to process. Leave empty for all pag
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(SourceFile)
  .then(([,uploadUrl, uploadedFileUrl]) => {
    // 2. UPLOAD THE FILE TO CLOUD.
    uploadFile(SourceFile, uploadUrl)
      .then(() => {
        // 3. CONVERT UPLOADED PDF FILE TO TEXT
        convertPdfToText(uploadedFileUrl, Password, Pages, DestinationFile);
      })
      .catch(e => {
        console.log(e);
      });
  })
  .catch(e => {
    console.log(e);
  });

function getPresignedUrl(localFile) {
  return new Promise(resolve => {
    // Prepare request to `Get Presigned URL` API endpoint
    let queryPath = `/file/upload/get-presigned-url?contenttype=application/octet-
    let reqOptions = {
      host: "localhost",
      path: encodeURI(queryPath)
    };
    // 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(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(uploadedFileUrl, password, pages, destinationFile) {
    // Prepare request to `PDF To Text` API endpoint
    var queryPath = `/pdf/convert/to/text?name=${path.basename(destinationFile)}&password=${password}&pages=${pages}`;
    let reqOptions = {
        host: "localhost",
        path: encodeURI(queryPath),
        method: "GET"
    };
    // 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) {
                console.log(`Job #${data.jobId} has been created!`);

                // Process returned job
                checkIfJobIsCompleted(data.jobId, data.url, destinationFile)
            }
        });
    });
}

```

```

    }
    else {
        // Service reported error
        console.log("convertPdfToText(): " + data.message);
    }
});
});
}

.on("error", (e) => {
    // Request error
    console.log("convertPdfToText(): " + e);
});
}

function checkIfJobIsCompleted(jobId, resultFileUrl, destinationFile) {
    let queryPath = `/job/check?jobid=${jobId}`;
    let reqOptions = {
        host: "localhost",
        path: encodeURI(queryPath),
        method: "GET"
    };

    https.get(reqOptions, (response) => {
        response.on("data", (d) => {
            response.setEncoding("utf8");

            // Parse JSON response
            let data = JSON.parse(d);
            console.log(`Checking Job #${jobId}, Status: ${data.status}, Time: ${new Date}`);

            if (data.status == "working") {
                // Check again after 3 seconds
                setTimeout(function(){
                    checkIfJobIsCompleted(jobId, resultFileUrl, destinationFile);
                }, 3000);
            }
            else if (data.status == "success") {
                // Download TXT file
                var file = fs.createWriteStream(destinationFile);
                https.get(resultFileUrl, (response2) => {
                    response2.pipe(file)
                    .on("close", () => {
                        console.log(`Generated TXT file saved as "${destinationFile}`);
                    });
                });
            }
            else {
                console.log(`Operation ended with status: "${data.status}".`);
            }
        });
    });
}
});
}

```

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VIDEO

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

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