

How to convert PDF to XML from uploaded file (node for PDF to XML API in JavaScript using PDF.co Web API

Learn how to convert PDF to XML from uploaded file (node to have PDF to XML API in JavaScript

The coding tutorials are designed to help you test the features without need to write your own code. PDF.co Web API helps with PDF to XML API in JavaScript. 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.

JavaScript code samples for JavaScript developers help to speed up the application's code writing when using PDF.co Web API. 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! Writing 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.

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

JavaScript - ConvertPdfToXmlFromUploadedFile.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 XML file name
```

```

const DestinationFile = "./result.xml";

// 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 XML
    convertPdfToXml(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 convertPdfToXml(apiKey, uploadedFileUrl, password, pages, destinationFile) {
  // Prepare request to `PDF To XML` API endpoint
  var queryPath = `/v1/pdf/convert/to/xml?
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) {
        // Process returned job
        console.log(`Job #${data.jobId} has been created!`);
        checkIfJobIsCompleted(data.jobId, data.url, destinationFile);
      }
      else {
        // Service reported error
        console.log("convertPdfToXml(): " + data.message);
      }
    });
  })
  .on("error", (e) => {
    // Request error
    console.log("convertPdfToXml(): " + e);
  });
}

function checkIfJobIsCompleted(jobId, resultFileUrl, destinationFile) {
  let queryPath = `/v1/job/check?jobid=${jobId}`;
  let reqOptions = {
    host: "api.pdf.co",
    path: encodeURI(queryPath),
    method: "GET",
    headers: { "x-api-key": API_KEY }
  };

  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().toLocaleString()}`);

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

```

FOR MORE INFORMATION AND FREE TRIAL:

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

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

[Explore documentation](#)

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

or

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