

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

Tutorial: how to convert DOC to PDF from uploaded file (node for DOC to PDF API in JavaScript

Every ByteScout tool contains example JavaScript source codes that you can find here or in the folder with installed ByteScout product. PDF.co Web API was made to help with DOC to PDF 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.

The SDK samples like this one below explain how to quickly make your application do DOC to PDF API in JavaScript with the help of PDF.co Web API. This JavaScript sample code should be copied and pasted into your project. After doing this just compile your project and click Run. Enjoy writing a code with ready-to-use sample JavaScript codes to implement DOC to PDF API using PDF.co Web API.

Trial version of ByteScout is available for free download from our website. This and other source code samples for JavaScript and other programming languages are available.

JavaScript - ConvertDocToPdfFromUploadedFile.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 DOC or DOCX file
const SourceFile = "./sample.docx";
// Destination PDF file name
const DestinationFile = "./result.pdf";

// 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 DOC (DOCX) FILE TO PDF
    convertDocToPdf(API_KEY, uploadedFileUrl, 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 convertDocToPdf(apiKey, uploadedFileUrl, destinationFile) {
    // Prepare URL for `DOC To PDF` API call
    let queryPath = `/v1/pdf/convert/from/doc?
name=${path.basename(destinationFile)}&url=${uploadedFileUrl}&async=True`;
    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) {
                console.log(`Job #${data.jobId} has been created!`);
                checkIfJobIsCompleted(data.jobId, data.url, destinationFile);
            }
            else {
                // Service reported error
                console.log("convertDocToPdf(): " + data.message);
            }
        });
    })
    .on("error", (e) => {
        // Request error
        console.log("convertDocToPdf(): " + 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 PDF file
        var file = fs.createWriteStream(destinationFile);
        https.get(resultFileUrl, (response2) => {
            response2.pipe(file)
                .on("close", () => {
                    console.log(`Generated PDF 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](#)

or

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