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## How to replace text from PDF in JavaScript with PDF.co Web API

PDF.co Web API is the Rest API that provides set of data extraction functions, tools for documents manipulation, splitting and merging of pdf files. Includes built-in OCR, images recognition, can generate and read barcodes from images, scans and pdf.

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## Source Code Files:

ReplaceTextFromFile\_AsyncAPI.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";
```

```

// PDF document password. Leave empty for unprotected documents.
const Password = "";
// Destination PDF file name
const DestinationFile = "./result.pdf";

// Prepare request uri
var query = `https://api.pdf.co/v1/pdf/edit/replace-text`;
let reqOptions = {
  uri: query,
  headers: { "x-api-key": API_KEY },
  formData: {
    name: path.basename(DestinationFile),
    password: Password,
    async: 'True',
    file: fs.createReadStream(SourceFile),
    searchString: 'The most conspicuous feature of',
    replaceString: 'replaced text'
  },
};

// Send request
request.post(reqOptions, function (error, response, body) {
  if (error) {
    return console.error("Error: ", error);
  }

  // Parse JSON response
  let data = JSON.parse(body);
  console.log(` Job #${data.jobId} has been created!`);
  checkIfJobsCompleted(data.jobId, data.url);
});

function checkIfJobsCompleted(jobId, resultFileUrl) {
  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(){ checkIfJobsCompleted(jobId, resultFileUrl);}, 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}`);
      }
    });
  });
});
}

```

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VIDEO

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

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