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How to replace text from PDF in JavaScript using ByteScout Cloud API Server

ByteScout Cloud API Server is API server that is ready to use and can be installed and deployed in less than 30 minutes on your own Windows server or server in a cloud. It can save data and files on your local server-based file storage or in Amazon AWS S3 storage. Data is processed solely on the API server and is powered by ByteScout engine, no cloud services or Internet connection is required for data processing..

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Source Code Files:

app.js

```

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

/*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://localhost/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!`);
  checkIfJobIsCompleted(data.jobId, data.url);
});

function checkIfJobIsCompleted(jobId, resultFileUrl) {
  let queryPath = `/v1/job/check`;

  // JSON payload for api request
  let jsonPayload = JSON.stringify({
    jobId: jobId
  });
}

```

```

});

let reqOptions = {
  host: "api.pdf.co",
  path: queryPath,
  method: "POST",
  headers: {
    "x-api-key": API_KEY,
    "Content-Type": "application/json",
    "Content-Length": Buffer.byteLength(jsonPayload, 'utf8')
  }
};

// Send request
var postRequest = https.request(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 D

    if (data.status == "working") {
      // Check again after 3 seconds
      setTimeout(function () { checkIfJobIsCompleted(jobId, resultFileUrl);
    }
    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 "${DestinationFil

          });
        });
      }
      else {
        console.log(`Operation ended with status: "${data.status}".`);
      }
    }
  })
});

// Write request data
postRequest.write(jsonPayload);
postRequest.end();
}

```

package.json

```

{
  "name": "test",

```

```
"version": "1.0.0",
"description": "PDF.co",
"main": "app.js",
"scripts": {
},
"keywords": [
  "pdf.co",
  "web",
  "api",
  "bytescout",
  "api"
],
"author": "ByteScout & PDF.co",
"license": "ISC",
"dependencies": {
  "request": "^2.88.2"
}
}
```

VIDEO

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

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