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## **delete text from PDF in Delphi and ByteScout Cloud API Server**

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!.

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## **Source Code Files:**

**ByteScoutWebApiExec.pas**

---

```

unit ByteScoutWebApiExec;

interface

function WebAPIExec(query, api_key: string; var file_name: string): boolean;

implementation

uses
    System.SysUtils,
    Classes,
    IdHTTP,
    IdURI,
    IdSSL,
    IdSSLOpenSSL,
    System.JSON;

function WebAPIExec(query, api_key: string; var file_name: string): boolean;
var
    http: TIdHTTP;
    http_file_downloader: TIdHTTP;
    response_stream: TStringStream;
    response: string;
    io_handler: TIdSSLIOHandlerSocketOpenSSL;
    response_json: TJSONObject;
    is_error: TJSONBool;
    file_url: string;
    file_stream: TFileStream;
    error_message: TJSONString;
begin
    Result := false;
    file_name := '';
    // Put the necessary libeay32.dll & ssleay32.dll library versions in the
    // program folder
    io_handler := TIdSSLIOHandlerSocketOpenSSL.Create(nil);
    io_handler.SSLOptions.Method := sslvSSLv23;
    io_handler.SSLOptions.SSLVersions := [sslvSSLv23];

    http := TIdHTTP.Create(nil);
    http.HTTPOptions := http.HTTPOptions + [hoForceEncodeParams];
    http.AllowCookies := true;
    http.HandleRedirects := true;
    http.Request.Connection := 'keep-alive';
    http.Request.ContentType := 'application/json; charset=utf-8';
    http.Request.UserAgent := 'User-Agent:Mozilla/5.0 (Windows NT 6.1; ) AppleWebKit/5
    http.IOHandler := io_handler;

    response_stream := TStringStream.Create();
    file_stream := nil;
    http_file_downloader := nil;
    try
        try
            // Set API Key
            http.Request.CustomHeaders.AddValue('x-api-key', api_key);
            // Execute request
            http.Get(query, response_stream);

            // Parse JSON response
            response_json := TJSONObject.ParseJSONValue(response_stream.DataString, fa

```

```

is_error := response_json.Values['error'] as TJSONBool;
if (not is_error.AsBoolean) then begin

    file_url := TJSONString(response_json.Values['url']).ToString();
    file_url := StringReplace(file_url, '"', "'", [rfReplaceAll]);
    file_name := ExtractFileName(StringReplace(file_url, '/', '\', [rfReplaceAll]));
    file_name := IncludeTrailingPathDelimiter(ExtractFilePath(ParamStr(0))) + file_name;
    http_file_downloader := TIdHTTP.Create(nil);

    // Download generated file
    file_stream := TFileStream.Create(file_name, fmCreate);
    http_file_downloader.Get(file_url, file_stream);

    Result := true;
end else begin

    error_message := response_json.Values['message'] as TJSONString;
    raise Exception.Create(error_message.ToString());
end;
except
on E: Exception do begin

    response := http.ResponseText;
    Writeln(E.ClassName, ': ', E.Message);
end;
end;
finally
response_stream.Free();
http.Free();
if (Assigned(file_stream)) then
file_stream.Free();
if (Assigned(http_file_downloader)) then
http_file_downloader.Free();
end;
end;
end.

```

## DeleteTextFromPDF.dpr

```

program DeleteTextFromPDF;

//*****
//
// Download Free Evaluation Version From: https://bytescout.com/download/web-installer
//
// Also available as Web API! Get Your Free API Key: https://app.pdf.co/signup
//
// Copyright © 2017-2020 ByteScout, Inc. All rights reserved.
// https://www.bytescout.com

```

```

// https://pdf.co
//
//*****

{$APPTYPE CONSOLE}

{$R *.res}

uses
  System.SysUtils,
  Classes,
  IdURI,
  ByteScoutWebApiExec in 'ByteScoutWebApiExec.pas';

const
  // The authentication key (API Key).
  // Get your own by registering at https://app.pdf.co/documentation/api
  API_KEY: string = '*****';
  // Direct URL of source PDF file.
  SOURCE_FILE_URL: string = 'https://bytescout-com.s3.amazonaws.com/files/demo-f
  // PDF document password. Leave empty for unprotected documents.
  PASSWORD: string = '';
  // Destination PDF file name
  DESTINATION_FILE: string = 'result.pdf';

var
  query: string;
  file_name: string;
  waiting_any_key: char;

begin
  try
    // Prepare URL for `Delete Text from PDF` API call
    query := TIdURI.URLEncode(Format('https://localhost/pdf/edit/delete-text' +
      '?name=%s&password=%s&url=%s&searchString=conspicuous',
      [ExtractFileName(DESTINATION_FILE), PASSWORD, SOURCE_FILE_URL]));

    if (WebAPIExec(query, API_KEY, file_name)) then
      Writeln(Format('Generated PDF file saved as "%s" file.', [file_name]));
  finally
    Writeln('Press any key to continue...');
    Readln(waiting_any_key);
  end;
end.

```

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

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