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How to remove PDF document protection for PDF password and security in PHP and 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:

remove_password-pdf.php

```
<!DOCTYPE html>
<html lang="en">
```

```
<head>
  <meta charset="UTF-8">
  <title>Remove Password from PDF Document Example</title>
</head>
<body>

<?php

// Get submitted form data
$apiKey = $_POST["apiKey"]; // The authentication key (API Key). Get your own by regis

// 1. RETRIEVE THE PRESIGNED URL TO UPLOAD THE FILE.
// * If you already have the direct PDF file link, go to the step 3.

// Create URL
$url = "https://api.pdf.co/v1/file/upload/get-presigned-url" .
      "?name=" . $_FILES["file"]["name"] .
      "&contenttype=application/octet-stream";

// Create request
$curl = curl_init();
curl_setopt($curl, CURLOPT_HTTPHEADER, array("x-api-key: " . $apiKey));
curl_setopt($curl, CURLOPT_URL, $url);
curl_setopt($curl, CURLOPT_RETURNTRANSFER, 1);
// Execute request
$result = curl_exec($curl);

if (curl_errno($curl) == 0)
{
    $status_code = curl_getinfo($curl, CURLINFO_HTTP_CODE);

    if ($status_code == 200)
    {
        $json = json_decode($result, true);

        // Get URL to use for the file upload
        $uploadFileUrl = $json["presignedUrl"];
        // Get URL of uploaded file to use with later API calls
        $uploadedFileUrl = $json["url"];

        // 2. UPLOAD THE FILE TO CLOUD.

        $localFile = $_FILES["file"]["tmp_name"];
        $fileHandle = fopen($localFile, "r");

        curl_setopt($curl, CURLOPT_URL, $uploadFileUrl);
        curl_setopt($curl, CURLOPT_HTTPHEADER, array("content-type: application/octet-
        curl_setopt($curl, CURLOPT_PUT, true);
        curl_setopt($curl, CURLOPT_INFILE, $fileHandle);
        curl_setopt($curl, CURLOPT_INFILESIZE, filesize($localFile));

        // Execute request
        curl_exec($curl);

        fclose($fileHandle);

        if (curl_errno($curl) == 0)
        {
            $status_code = curl_getinfo($curl, CURLINFO_HTTP_CODE);
```

```

        if ($status_code == 200)
        {
            // 3. REMOVE PASSWORD FROM PDF FILE
            RemovePasswordFromPdf($apiKey, $uploadedFileUrl);
        }
        else
        {
            // Display request error
            echo "<p>Status code: " . $status_code . "</p>";
            echo "<p>" . $result . "</p>";
        }
    }
    else
    {
        // Display CURL error
        echo "Error: " . curl_error($curl);
    }
}
else
{
    // Display service reported error
    echo "<p>Status code: " . $status_code . "</p>";
    echo "<p>" . $result . "</p>";
}

curl_close($curl);
}
else
{
    // Display CURL error
    echo "Error: " . curl_error($curl);
}

function RemovePasswordFromPdf($apiKey, $uploadedFileUrl)
{
    // The owner/user password to open file and to remove security features
    $PDFFilePassword = "admin@123";

    // Runs processing asynchronously.
    // Returns Use JobId that you may use with /job/check to check state of the proces
    $async = false;

    // Prepare URL for `PDF Security` API call
    $url = "https://api.pdf.co/v1/pdf/security/remove";

    // Prepare requests params
    $parameters = array();
    $parameters["name"] = "unprotected.pdf";
    $parameters["url"] = $uploadedFileUrl;
    $parameters["password"] = $PDFFilePassword;
    $parameters["async"] = $async;

    // Create Json payload
    $data = json_encode($parameters);

    // Create request
    $curl = curl_init();
    curl_setopt($curl, CURLOPT_HTTPHEADER, array("x-api-key: " . $apiKey, "Content-ty
    curl_setopt($curl, CURLOPT_URL, $url);

```

```
curl_setopt($curl, CURLOPT_POST, true);
curl_setopt($curl, CURLOPT_RETURNTRANSFER, 1);
curl_setopt($curl, CURLOPT_POSTFIELDS, $data);

// Execute request
$result = curl_exec($curl);

if (curl_errno($curl) == 0)
{
    $status_code = curl_getinfo($curl, CURLINFO_HTTP_CODE);

    if ($status_code == 200)
    {
        $json = json_decode($result, true);

        if ($json["error"] == false)
        {
            $resultFileUrl = $json["url"];

            // Display link to the result file
            echo "<div><h2>Conversion Result:</h2><a href='" . $resultFileUrl . "'";
        }
        else
        {
            // Display service reported error
            echo "<p>Error: " . $json["message"] . "</p>";
        }
    }
    else
    {
        // Display request error
        echo "<p>Status code: " . $status_code . "</p>";
        echo "<p>" . $result . "</p>";
    }
}
else
{
    // Display CURL error
    echo "Error: " . curl_error($curl);
}

// Cleanup
curl_close($curl);
}

?>

</body>
</html>
```

VIDEO

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

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