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## How to merge any documents from uploaded files for PDF merging API in PHP with PDF.co Web API

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.

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## Source Code Files:

**merge-docs.php**

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

```

<head>
  <meta charset="UTF-8">
  <title>Merge docs Results</title>
</head>
<body>

<?php

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

// 1. UPLOAD FILES TO CLOUD
// If you already have direct file links, skip to Step 2.

$uploadedFiles = array();
$fileCount = count($_FILES["files"]["name"]);

for($i = 0; $i < $fileCount; $i++)
{
  // 1a. RETRIEVE THE PRESIGNED URL TO UPLOAD THE FILE.

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

      // 1b. UPLOAD THE FILE TO CLOUD.

      $tmpFilePath = $_FILES["files"]["tmp_name"][$i];

      $fileHandle = fopen($tmpFilePath, "r");

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

```

```

// Execute request
curl_exec($curl);

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

    if ($status_code == 200)
    {
        $uploadedFiles[] = $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);
}

fclose($fileHandle);
}
else
{
    // Display request error
    echo "<p>Status code: " . $status_code . "</p>";
    echo "<p>" . $result . "</p>";
}
}
else
{
    // Display CURL error
    echo "Error: " . curl_error($curl);
}

curl_close($curl);
}

// 2. MERGE UPLOADED DOCUMENTS

if (count($uploadedFiles) > 0)
{
    MergeDocs($apiKey, $uploadedFiles);
}

function MergeDocs($apiKey, $uploadedFiles)
{
    // Create URL
    $url = "https://api.pdf.co/v1/pdf/merge2";

    // Prepare requests params
    $parameters = array();
    $parameters["name"] = "result.pdf";
    $parameters["url"] = join(",", $uploadedFiles);
}

```

```

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

// Create request
$curl = curl_init();
curl_setopt($curl, CURLOPT_HTTPHEADER, array("x-api-key: " . $apiKey, "Content-type: application/json"));
curl_setopt($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 document
            echo "<div><h2>Merge Result:</h2><a href='" . $resultFileUrl . "' target='_blank'>View Result</a></div>";
        }
        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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