

How to convert PDF to image from uploaded file for PDF to image API in PHP using PDF.co Web API

Tutorial: how to convert PDF to image from uploaded file for PDF to image API in PHP

We've created and updating regularly our sample code library so you may quickly learn PDF to image API and the step-by-step process in PHP. PDF to image API in PHP can be implemented 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.

You will save a lot of time on writing and testing code as you may just take the code below and use it in your application. Sample code in PHP is all you need. Copy-paste it to your the code editor, then add a reference to PDF.co Web API and you are ready to try it! Code testing will allow the function to be tested and work properly with your data.

PDF.co Web API - free trial version is on available our website. Also, there are other code samples to help you with your PHP application included into trial version.

PHP - pdf-to-image.php

```
// Get submitted form data
$apiKey = $_POST["apiKey"]; // The authentication key (API Key). Get your own by
registering at https://app.pdf.co/documentation/api
$outputFormat = $_POST["outputFormat"];
$pages = $_POST["pages"];

// 1. RETRIEVE THE PRESIGNED URL TO UPLOAD THE FILE.
// * If you already have a 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
        $accessFileUrl = $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-stream"));
        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($curl))
        {
            // Display request error
            echo "Error: " . curl_error($curl);
        }
        else
        {
            $status_code = curl_getinfo($curl, CURLINFO_HTTP_CODE);

            if ($status_code == 200)
            {
                // 3. CONVERT PDF TO IMAGE

                RenderPDF($apiKey, $accessFileUrl, $outputFormat, $pages);
            }
            else
            {
                // Display service reported error
                echo "

Status code: " . $status_code . "

```

```

";
        echo "
" . $result . "
";
    }
}
else
{
    // Display service reported error
    echo "
Status code: " . $status_code . "
";
        echo "
" . $result . "
";
    }

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

function RenderPDF($apiKey, $fileUrl, $outputFormat, $pages)
{
    $formats = array(0 => "png", 1 => "jpg", 2 => "tiff");
    $format = $formats[$outputFormat];

    // Create URL
    $url = "https://api.pdf.co/v1/pdf/convert/to/" . $format .
        "?url=" . urlencode($fileUrl) .
        "&pages=" . urlencode($pages);

    // 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_POST, true);
    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);

```

```

    if ($json["error"] == false)
    {
        if ($format == "tiff")
        {
            // The TIFF format is multi-page, so the result is always the
single file
            $resultFileUrl = $json["url"];
            echo "
" . $resultFileUrl . "
";
        }
        else
        {
            // JPEG and PNG formats are single-page, so the results are
multiple
            $resultFiles = $json["urls"];
            foreach ($resultFiles as &$resultFileUrl)
            {
                echo "
" . $resultFileUrl . "
";
            }
        }
        // Display service reported error
        echo "
Error: " . $json["message"] . "
";
    }
    else
    {
        // Display request error
        echo "
Status code: " . $status_code . "
";
    }
}
else
{
    // Display CURL error
    echo "Error: " . curl_error($curl);
}
// Cleanup
curl_close($curl);
}
?>

```



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or

[Get Your Free API Key for \[www.PDF.co\]\(http://www.PDF.co\) Web API](#)