

# How to read barcode from uploaded file for barcode reader API in PHP and PDF.co Web API

Learn how to read barcode from uploaded file to have barcode reader API in PHP

Every ByteScout tool contains example PHP source codes that you can find here or in the folder with installed ByteScout product. PDF.co Web API was made to help with barcode reader API in PHP. PDF.co Web API is the Web API with a set of tools for documents manipulation, data conversion, data extraction, splitting and merging of documents. Includes image recognition, built-in OCR, barcode generation and barcode decoders to decode bar codes from scans, pictures 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. Follow the instruction and copy - paste code for PHP into your project's code editor. Enjoy writing a code with ready-to-use sample PHP codes to add barcode reader API functions using PDF.co Web API in PHP.

ByteScout free trial version is available for FREE download from our website. Programming tutorials along with source code samples are included.

PHP - read-barcode.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
$barcodeTypesToFind = $_POST["barcodeTypesToFind"];
$pages = $_POST["pages"];

// 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-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) == 0)
        {
            $status_code = curl_getinfo($curl, CURLINFO_HTTP_CODE);

            if ($status_code == 200)
            {
                // 3. READ BARCODES FROM UPLOADED IMAGE OR PDF DOCUMENT

                ReadBarcodes($apiKey, $barcodeTypesToFind, $uploadedFileUrl, $pages);
            }
            else
            {
                // Display request error
                echo "
Status code: " . $status_code . "
";
                echo "
" . $result . "

```

```

";
    }
}
else
{
    // Display CURL error
    echo "Error: " . curl_error($curl);
}
}
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 ReadBarcodes($apiKey, $barcodeTypesToFind, $uploadedFileUrl, $pages)
{
    // Prepare URL for `Barcode Reader` API call
    $url = "https://api.pdf.co/v1/barcode/read/from/url" .
        "?types=" . join(", ", $barcodeTypesToFind) .
        "&pages=" . $pages .
        "&url=" . $uploadedFileUrl;

    // 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)
            {
                // Display decoding results

```

```
$barcodes = $json["barcodes"];
foreach ($barcodes as $barcode)
{
    echo "
```

Found barcode:

```
";
    echo "
Type: " . $barcode["TypeName"] . "
";
    echo "
Value: " . $barcode["Value"] . "
";
    echo "
Document Page Index: " . $barcode["Page"] . "
";
    echo "
Rectangle: " . $barcode["Rect"] . "
";
    echo "
Confidence: " . $barcode["Confidence"] . "
";
    echo "
";
    }
}
else
{
    // Display service reported error
    echo "
Error: " . $json["message"] . "
";
    }
}
else
{
    // Display request error
    echo "
Status code: " . $status_code . "
";
    echo "
" . $result . "
";
    }
}
else
```

```
{  
    // Display CURL error  
    echo "Error: " . curl_error($curl);  
}  
}  
?>
```

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FOR MORE INFORMATION AND FREE TRIAL:

[Download Free Trial SDK \(on-premise version\)](#)

[Read more about PDF.co Web API](#)

[Explore documentation](#)

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or

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