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How to read barcode from URL asynchronously for barcode reader API in PHP and ByteScout Cloud API Server

Learn in simple ways: How to read barcode from URL asynchronously for barcode reader API in PHP

The sample source codes on this page will show you how to create barcode reader API in PHP. ByteScout Cloud API Server helps with barcode reader API in PHP. ByteScout Cloud API Server is the ready to use Web API Server that can be deployed in less than 30 minutes into your own in-house server 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 buil-in ByteScout powered engine, no cloud services are used to process your data!.

This simple and easy to understand sample source code in PHP for ByteScout Cloud API Server contains different functions and options you should do calling the API to implement barcode reader API. This sample code in PHP is all you need. Just copy-paste it to the code editor, then add a reference to ByteScout Cloud API Server and you are ready to try it! Writing PHP application mostly includes various stages of the software development so even if the functionality works please check it with your data and the production environment.

Trial version of ByteScout is available for free download from our website. This and other source code samples for PHP and other programming languages are available.

Source Code Files:

read-barcode-async.php

```
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <title>Cloud API asynchronous "Barcode Reader" job example (allows to avoid timeout
</head>
<body>

<?php

// Please NOTE: In this sample we're assuming Cloud Api Server is hosted at "https://lo
// If it's not then please replace this with with your hosting url.

// Cloud API asynchronous "Barcode Reader" job example.
// Allows to avoid timeout errors when processing huge or scanned PDF documents.

// Direct URL of source file (image or PDF) to search barcodes in. Check another examp
$sourceFileUrl = "https://bytescout-com.s3.amazonaws.com/files/demo-files/cloud-api/bar
// Comma-separated list of barcode types to search.
// barcode types
$barcodeTypes = "Code128,Code39,Interleaved2of5,EAN13";
// Comma-separated list of page indices (or ranges) to process. Leave empty for all pag
$pages = "";


// Prepare URL for `Barcode Reader` API call
$url = "https://localhost/barcode/read/from/url" .
    "?types=" . $barcodeTypes .
    "&pages=" . $pages .
    "&url=" . $sourceFileUrl .
    "&async=true"; // (!) Make asynchronous job

// Create request
$curl = curl_init();

curl_setopt($curl, CURLOPT_URL, $url);
curl_setopt($curl, CURLOPT_RETURNTRANSFER, 1);

// Execute request
$result = curl_exec($curl);
echo $result . "<br/>";

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)
        {
```

```
            // URL of generated JSON file that will available after the job completion
            $resultFileUrl = $json["url"];
            // Asynchronous job ID
            $jobId = $json["jobId"];

            // Check the job status in a loop
            do
            {
                $status = CheckJobStatus($jobId); // Possible statuses: "working", "fa

                // Display timestamp and status (for demo purposes)
                echo "<p>" . date(DATE_RFC2822) . ": " . $status . "</p>";

                if ($status == "success")
                {
                    // Display link to JSON file with information about decoded barcod
                    echo "<div><h2>Conversion Result:</h2><a href='" . $resultFileUrl
                    break;
                }
                else if ($status == "working")
                {
                    // Pause for a few seconds
                    sleep(3);
                }
                else
                {
                    echo $status . "<br/>";
                    break;
                }
            }
            while (true);
        }
        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);


function CheckJobStatus($jobId)
{
    $status = null;

    // Create URL
```

```
    $url = "https://localhost/job/check?jobid=" . $jobId;

    // Create request
    $curl = curl_init();

    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);

            if ($json["error"] == false)
            {
                $status = $json["status"];
            }
            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);

    return $status;
}

?>

</body>
</html>
```

VIDEO

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

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