

## How to merge PDF documents asynchronously for PDF merging API in PHP with ByteScout Cloud API Server

### Step By Step Instructions on how to merge PDF documents asynchronously for PDF merging API in PHP

This page displays the code samples for programming in PHP. PDF merging API in PHP can be applied with ByteScout Cloud API Server. ByteScout Cloud API Server is the ready to deploy Web API Server that can be deployed in less than thirty minutes into your own in-house Windows server (no Internet connection is required to process data!) 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 built-in ByteScout powered engine, no cloud services are used to process your data!.

Use the code displayed below in your application to save a lot of time on writing and testing code. Follow the tutorial and copy - paste code for PHP into your project's code editor. Use of ByteScout Cloud API Server in PHP is also described in the documentation given along with the product.

Our website provides free trial version of ByteScout Cloud API Server that gives source code samples to assist with your PHP project.

FOR MORE INFORMATION AND FREE TRIAL:

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

[Read more about ByteScout Cloud API Server](#)

[Explore API Documentation](#)

[Get Free Training for ByteScout Cloud API Server](#)

[Get Free API key for Web API](#)

[visit www.ByteScout.com](http://www.ByteScout.com)

Source Code Files:

```

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

<?php

// Please NOTE: In this sample we're assuming Cloud Api Server is hosted at "https://localhost:8080"
// If it's not then please replace this with with your hosting url.

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

// Direct URLs of PDF files to merge. Check another example if you need to upload local files.
$sourceFiles = array(
  "https://bytescout-com.s3.amazonaws.com/files/demo-files/cloud-api/pdf-merge/sample-document.pdf",
  "https://bytescout-com.s3.amazonaws.com/files/demo-files/cloud-api/pdf-merge/sample-image.pdf"
);

// Prepare URL for `Merge PDF` API call
$url = "https://localhost:8080/pdf/merge" .
  "?url=" . join(",", $sourceFiles) .
  "&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);

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 PDF 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", "failed", "cancelled", "done"
      } while ($status != "done");

      // Download generated PDF file
      $pdfData = file_get_contents($resultFileUrl);

      // Save generated PDF file
      file_put_contents("merged.pdf", $pdfData);
    }
  }
}

```

```

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

if ($status == "success")
{
    // Display link to the file with conversion results
    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>

ON-PREMISE OFFLINE SDK

[60 Day Free Trial](#) or [Visit ByteScout Cloud API Server Home Page](#)  
[Explore ByteScout Cloud API Server Documentation](#)  
[Explore Samples](#)  
[Sign Up for ByteScout Cloud API Server Online Training](#)

ON-DEMAND REST WEB API

[Get Your API Key](#)  
[Explore Web API Docs](#)  
[Explore Web API Samples](#)

[visit www.ByteScout.com](http://www.ByteScout.com)

[visit www.PDF.co](http://www.PDF.co)

[www.bytescout.com](http://www.bytescout.com)