

How to convert PDF to XML asynchronously for PDF to XML API in PHP using ByteScout Cloud API Server

Step-by-step tutorial:How to convert PDF to XML asynchronously to have PDF to XML API in PHP

Every ByteScout tool includes sample PHP source codes that you can find here or in the folder with installed ByteScout product. ByteScout Cloud API Server was designed to assist PDF to XML 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 built-in ByteScout powered engine, no cloud services are used to process your data!.

If you want to speed up the application's code writing then PHP code samples for PHP developers help to implement using ByteScout Cloud API Server. 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.

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Source Code Files:

pdf-to-xml-async.php

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <title>Cloud API asynchronous "PDF To XML" job example (allows to avoid timeout error)
</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 To XML" job example.
// Allows to avoid timeout errors when processing huge or scanned PDF documents.

// Direct URL of source PDF file. Check another example if you need to upload a local PDF file.
$sourceFileUrl = "https://bytescout-com.s3.amazonaws.com/files/demo-files/cloud-api/pdf-to-xml.pdf";
// Comma-separated list of page indices (or ranges) to process. Leave empty for all pages.
$pages = "";
// PDF document password. Leave empty for unprotected documents.
$password = "";

// Prepare URL for `PDF To XML` API call
$url = "https://localhost/pdf/convert/to/xml" .
      "?url=" . $sourceFileUrl .
      "&password=" . $password .
      "&pages=" . $pages .
      "&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 XML 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 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);
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// 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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