

PHP

- 1.
- 2. (,)
- 3. HWP, Word, Excel

1.

- PHP ZipArchive (<http://php.net/manual/en/class.ziparchive.php>)

2. (,)



```
<?php
try {
    //
    $uploadDir = 'uploads/images';

    //
    $fieldName = 'file';

    //
    $fileName = explode('.', $_FILES[$fieldName]['name']);

    //
    $extension = end($fileName);

    //
    $tmpName = $_FILES[$fieldName]['tmp_name'];

    //
    $newFileName = sha1(microtime());

    //
    $fileUploadPath = "{$uploadDir}/{$newFileName}.${extension}";

    //
    move_uploaded_file($tmpName, $fileUploadPath);

    //
    header('Content-Type: application/json');
    echo json_encode(array(
        'uploadPath' => $fileUploadPath,
    ));
} catch (Exception $e) {
    echo $e->getMessage();
    http_response_code(404);
}
```

3. HWP, Word, Excel



```
<?php
try {
    // upload path
    $uploadDir = 'uploads/docs';

    // form filed name
    $fieldName = 'file';

    // file name
    $fileName = explode('.', $_FILES[$fieldName]['name']);

    //file extension
    $extension = end($fileName);

    // temp file name
    $tmpName = $_FILES[$fieldName]['tmp_name'];

    // new file name to save
    $newFileName = sha1(microtime());

    // file upload path
    $fileUploadPath = "{$uploadDir}/{$newFileName}.${extension}";

    // save file to disk
    move_uploaded_file($tmpName, $fileUploadPath);

    // directory name to save conversion result
    $wordDir = 'works';

    // execute conversion
    $importPath = "{$wordDir}/{$newFileName}";
    executeConverter($fileUploadPath, $importPath);

    // serialize document data
    // v2.3.0 document.word.pb document.pb
    $pbFilePath = "{$importPath}/document.pb";
    $serializedData = readPBData($pbFilePath);

    // send response
    header('Content-Type: application/json');
    echo json_encode(array(
        'serializedData' => $serializedData,
        'importPath' => $importPath,
    ));
} catch (Exception $e) {
    echo $e->getMessage();
    http_response_code(404);
}

function executeConverter($inputFilePath, $outputFilePath)
{
    $sedocConverterPath = 'c:/sedocConverter/sedocConverter.exe';
    $fontsDir = 'c:/sedocConverter/fonts';
    $tempDir = 'c:/sedocConverter/tmp';

    $cmd = "{$sedocConverterPath} -f {$fontsDir} {$inputFilePath} {$outputFilePath} {$tempDir}";
    exec($cmd);
}

function readPBData($pbFilePath)
```

```
{  
    $fb = fopen($pbFilePath, 'r');  
    $data = stream_get_contents($fb, -1, 16);  
    fclose($fb);  
  
    $byteArray = unpack('C*', zlib_decode($data));  
    // php 5.4.0  
    // $byteArray = unpack('C*', gzuncompress($data));  
    $serializedData = array_values($byteArray);  
  
    return $serializedData;  
}
```

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 - [Java Servlet](#)
 - [ASP.NET \(C#\)](#)
 - [ASP\(Classic\)](#)
 - [PHP](#)
 - [PHP4](#)
 - [Django](#)
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