PHP Example

- 1. Requirement
- 2. Uploading Image (Same for Uploading Videos and Files)
- 3. Importing HWP, MS Word and Excel Documents

1. Requirement

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

2. Uploading Image (Same for Uploading Videos and Files)

> **Caution**
>
> Among the following codes provided as the guide, file upload part is a **sample code** and has insufficient security.
>
> As for the file upload, please use the code used within your project and refer the following code to handle the system link.

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

    //Name of the form data
    $fieldName = 'file';

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

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

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

    //File name for the new save
    $newFileName = sha1(microtime());

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

    //Save the file
    move_uploaded_file($tmpName, $fileUploadPath);

    //Send the response to the client.
    header('Content-Type: application/json');
    echo json_encode(array(
        'uploadPath' => $fileUploadPath,
    ));

} catch (Exception $e) {
    echo $e->getMessage();
    http_response_code(404);
}
```

3. Importing HWP, MS Word and Excel Documents

> **Caution**
>
> Among the following codes provided as the guide, file upload part is a **sample code** and has insufficient security.
>
> As for the file upload, please use the code used within your project and refer the following code to handle the system link.

```
<?php
try {
    // Upload directory
    $uploadDir = 'uploads/docs';


    // Name of the form data
    $fieldName = 'file';

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

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

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

    // File name for the new save
    $newFileName = sha1(microtime());

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

    // Save the file
    move_uploaded_file($tmpName, $fileUploadPath);

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

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

    // Serialize document data
        // Since v2.3.0, the file name is changed from document.word.pb to document.pb
    $pbFilePath = "${importPath}/document.pb";
    $serializedData = readPBData($pbFilePath);

    // Send the response to the client.
    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 or below
    // $byteArray = unpack('C*', gzuncompress($data));
    $serializedData = array_values($byteArray);

    return $serializedData;
}
```

See also

- Java Spring Framework Example
- Java Servlet Example
- ASP.NET (C#) Example
- ASP(Classic) Example
- PHP Example
- PHP4 Example
- Django Example
- Ruby On Rails Example
- Wordpress plugin Example