

```
<?php // encoding: utf-8
if (!isset($_SESSION)) session_start();

function output_intime($txt)
{
    echo str_pad(" ", 2046);
    echo $txt;
    ob_flush();
    flush();
}

function extend_2($file_name)
{
    $extend = pathinfo($file_name);
    $extend = strtolower($extend["extension"]);
    return $extend;
}

include_once("ffmpegcmd.php");
include_once("calibrecmd.php");

//output_intime("check upload file...");

$cid = @$_GET['cid'];
$output = @$_GET['output'];
$downloadsavename = @$_GET['downloadsavename'];
$tmpfpath = @$_GET['tmpfpath'];

//output format
$out_ext = '';
if ($cid == "x2pdf" )
{
    $out_ext = ".pdf";
}
else if($cid == "docx2pdf" )
{
    $out_ext = ".pdf";
}
else if($cid == "x2swf" )
{
    $out_ext = ".swf";
}
else if($cid == "x2ppt" )
{
    $out_ext = ".ppt";
}
else if($cid == "x2odp" )
{
    $out_ext = ".odp";
}
else if($cid == "x2xls" )
{
    $out_ext = ".xls";
}
else if($cid == "x2ods" )
{
    $out_ext = ".ods";
}
}
```

```

else if($cid == "x2doc" or $cid == "pdf2doc")
{
    $out_ext = ".doc";
}
else if($cid == "x2odt" )
{
    $out_ext = ".odt";
}
else if($cid == "ffmpeg" )
{
    $out_ext = get_ext_ffmpeg($output);
}
else if($cid == "doc2pdf" )
{
    $out_ext = ".pdf";
}
else if($cid == "midi2audio" )
{
    $sel = @$__GET['outformat'];
    if ( $sel == "mp3" )
    {
        $out_ext = ".mp3";
        $ffmpegOUT = "MP3";
    }
    else if ($sel == "wav" )
    {
        $out_ext = ".wav";
        $ffmpegOUT = "WAV";
    }
    else if ($sel == "ogg" )
    {
        $out_ext = ".ogg";
        $ffmpegOUT = "OGG";
    }
    else if ($sel == "aac" )
    {
        $out_ext = ".aac";
        $ffmpegOUT = "AAC";
    }
    else if ($sel == "wma" )
    {
        $out_ext = ".wma";
        $ffmpegOUT = "WMA";
    }
}
else if($cid == "audio2midi" )
{
    $out_ext = ".mid";
}
else if($cid == "image2image" )
{
    $out_ext = ".$@$__GET['outputfmt'];
}
else if($cid == "x2epub" )
{
    $out_ext = ".epub";
}
else if($cid == "x2mobi" )
{

```

```

        $out_ext = ".mobi";
    }
    else if($cid == "x2pdb" )
    {
        $out_ext = ".pdb";
    }
    else if($cid == "x2fb2" )
    {
        $out_ext = ".fb2";
    }
    else if($cid == "x2lit" )
    {
        $out_ext = ".lit";
    }
    else if($cid == "x2lrf" )
    {
        $out_ext = ".lrf";
    }
    else if($cid == "x2tcr" )
    {
        $out_ext = ".tcr";
    }
    else if($cid == "e2pdf" )
    {
        $out_ext = ".pdf";
    }
    else if($cid == "pdf2html5book" or $cid == "ppt2html5book")
    {
        $out_ext = ".txt";
    }
    else if($cid == "3dsconvert" )
    {
        $out_ext = ".$@$_GET['outputfmt'];
    }
    else
    {
        $out_ext = "";
        output_intime("cid param error!");
        exit;
    }
}

```

```

$downloadsavename = $downloadsavename.$out_ext;

```

```

function outputloginfo( $info )
{
    $now = date("Y-m-d H:m:s", time());

    $file="/tmp/ofoctrunlog.log";
    $f = fopen($file, 'a');
    fwrite($f, "-- $now --:".$$info );
    fwrite($f, "\r\n" );
    fclose($f);
}

```

```

function outputloginfo_err( $info )
{
    $now = date("Y-m-d H:m:s", time());

    $file="/tmp/ofoctrun_err.log";
}

```

```

    $f = fopen($file, 'a');
    fwrite($f, "-- $now --:". $info );
    fwrite($f, "\r\n" );
    fclose($f);
}

function runExternal( $cmd )
{
    $descriptorspec = array(
    0 => array("pipe", "r"), // stdin is a pipe that the child will read from
    1 => array("pipe", "w"), // stdout is a pipe that the child will write to
    2 => array("pipe", "w") // stderr is a file to write to
    );

    $pipes= array();
    $process = proc_open($cmd, $descriptorspec, $pipes);

    $output= "";

    if (!@is_resource($process)) return false;

    #close child's input imidiately
    fclose($pipes[0]);

    stream_set_blocking($pipes[1],false);
    stream_set_blocking($pipes[2],false);

    $todo= array($pipes[1],$pipes[2]);
    while( true ) {
        $read= array();
        if( !feof($pipes[1]) ) $read[]= $pipes[1];
        if( !feof($pipes[2]) ) $read[]= $pipes[2];

        if (!$read) break;

        $ready= stream_select($read, $write=NULL, $ex= NULL, 2);

        if ($ready === false) {
            break; #should never happen - something died
        }

        foreach ($read as $r) {
            $s= fread($r,1024);
            $output.= $s;
        }
    }

    fclose($pipes[1]);
    fclose($pipes[2]);

    proc_close($process);

    return $output;
}

// main

```

```

$retstr = "";

if (file_exists($tmpfpath) && filesize($tmpfpath) > 0 )
{
    //output_intime("upload file ok! now start convert...");
    $out_file_path = $tmpfpath.$out_ext;
    //convert cmd line
    $cmd_line = '';

    //-----run cmdline to convert
    if ($cid == "x2pdf" or $cid == "x2swf" or $cid == "x2ppt"
        or $cid == "x2odp" or $cid == "x2xls" or $cid == "x2ods"
        or $cid == "x2doc" or $cid == "x2odt"
        )
    {
        $cmd_line = '/opt/openoffice.org3/program/python
/root/script/DocumentConverter.py '.$tmpfpath.' '.$out_file_path;
        runExternal($cmd_line);
    }
    else if( $cid == "pdf2doc" )
    {
        $cmd_line = '/usr/bin/abiword -t doc -o '.$out_file_path.' '.
$tmpfpath;
        runExternal($cmd_line);
    }
    else if($cid == "doc2pdf" )
    {
        $cmd_line = '/opt/openoffice.org3/program/python
/root/script/DocumentConverter.py '.$tmpfpath.' '.$out_file_path;
        runExternal($cmd_line);
        if (( file_exists($out_file_path) && filesize($out_file_path) > 0 )
== False)
        {
            $cmd_line = '/usr/bin/abiword -t pdf -o '.$out_file_path.'
'.$tmpfpath;
            runExternal($cmd_line);
        }
    }
    else if($cid == "ffmpeg" )
    {
        $cmd_line = get_cmdline_ffmpeg($out_file_path, $tmpfpath,
$output);
        outputloginfo($cmd_line);
        runExternal($cmd_line);
    }
    else if($cid == "midi2audio" )
    {
        $tmp_out_file = $tmpfpath.".wav";
        $cmd_line = "/usr/bin/timidity $tmpfpath -Ow -o $tmp_out_file";
        runExternal($cmd_line);
        outputloginfo($cmd_line);
        if (file_exists($tmp_out_file)&& filesize($tmp_out_file) > 0 )
        {
            $cmd_line = get_cmdline_ffmpeg($out_file_path,
$tmp_out_file, $ffmpegOUT);
            outputloginfo($cmd_line);
            runExternal($cmd_line);
        }
    }
}

```

```

else if($cid == "audio2midi" )
{
    $tmp_out_file = $tmpfpath.".wav";
    //$cmd_line = "/usr/bin/ffmpeg -i $tmpfpath -y -f wav -vol 200
$tmp_out_file";
    $cmd_line = get_cmdline_ffmpeg($tmp_out_file, $tmpfpath, "WAV");
    outputloginfo($cmd_line);
    runExternal($cmd_line);
    if (file_exists($tmp_out_file)&& filesize($tmp_out_file) > 0 )
    {
        $cmd_line = "/root/waon/waon-0.10/waon -i $tmp_out_file -o
$out_file_path";
        outputloginfo($cmd_line);
        runExternal($cmd_line);
    }
}
else if( $cid == "3dsconvert" )
{
    $cmd_line = "/root/3dprinter/assimp-3.1.1/bin/assimp export $tmpfpath
$out_file_path";
    outputloginfo($cmd_line);
    $outinfo = runExternal($cmd_line);
    outputloginfo($outinfo);
}
else if( $cid == "image2image" )
{
    $cmd_line = "/usr/bin/convert $tmpfpath ";
    // resize
    $width = intval(@$_GET['width']);
    $height = intval(@$_GET['height']);
    if ( $width > 0 or $height > 0 )
    {
        if ( $width > 0 and $height > 0 )
        {
            $cmd_line = $cmd_line." -resize
$width"."x$height"."! ";
        }
        else if ( $width > 0 )
        {
            $cmd_line = $cmd_line." -resize $width ";
        }
        else if ( $height > 0 )
        {
            $cmd_line = $cmd_line." -resize x$height ";
        }
    }
    else
    {
        $scaled = intval(@$_GET['scaled']);
        if ( $scaled > 0 )
        {
            $cmd_line = $cmd_line." -resize $scaled% ";
        }
    }

    // rotate
    $rotate = intval(@$_GET['rotate']);
    if ( $rotate > 0 )
    {

```

```

        $cmd_line = $cmd_line." -rotate \"\$rotate\" ";
    }

    // mirror
    $mirror = @$_GET['mirror'];
    if ( $mirror != "null" )
    {
        $cmd_line = $cmd_line." $mirror ";
    }

    $cmd_line = $cmd_line." $out_file_path";
    outputloginfo($cmd_line);
    runExternal($cmd_line);
}
else if($cid == "x2epub" )
{
    $cmd_line = get_cmdline_ebooks($out_file_path, $tmpfpath,
$output);

    outputloginfo($cmd_line);
    runExternal($cmd_line);
}
else if($cid == "x2mobi" )
{
    $cmd_line = get_cmdline_ebooks($out_file_path, $tmpfpath,
$output);

    outputloginfo($cmd_line);
    runExternal($cmd_line);
    /*$tmp_out_file = $tmpfpath.".epub";
    $cmd_line = get_cmdline_ebooks($tmp_out_file, $tmpfpath,
$output);

    outputloginfo($cmd_line);
    runExternal($cmd_line);
    if (file_exists($tmp_out_file)&& filesize($tmp_out_file) > 0 )
    {
        $cmd_line = "/root/software/kindlegen $tmp_out_file -o
$out_file_path";

        outputloginfo($cmd_line);
        runExternal($cmd_line);
    }*/
}
else if($cid == "x2pdb" )
{
    $cmd_line = get_cmdline_ebooks($out_file_path, $tmpfpath,
$output);

    outputloginfo($cmd_line);
    runExternal($cmd_line);
}
else if($cid == "x2fb2" or $cid == "x2lit" or $cid == "x2lrf" or $cid
== "x2tcr" )
{
    $cmd_line = get_cmdline_ebooks($out_file_path, $tmpfpath,
$output);

    outputloginfo($cmd_line);
    runExternal($cmd_line);
}
else if($cid == "e2pdf" )
{
    $cmd_line = get_cmdline_ebooks($out_file_path, $tmpfpath,
$output);

```

```

        outputloginfo($cmd_line);
        runExternal($cmd_line);
    }
else if($cid == "pdf2html5book")
{
    $userid = "0";
    if(isset($_SESSION['jigowatt']['user_id'])) {
        $userid = $_SESSION['jigowatt']['user_id'];
    }
    $cmd_line = '/usr/bin/python /root/script/pdf2flipbook.py ' .
$tmpfpath.' ' . $out_file_path.' ' . $userid;
    outputloginfo($cmd_line);
    $outinfo = runExternal($cmd_line);
    outputloginfo($outinfo);
}
else if($cid == "ppt2html5book")
{
    //first convert ppt to pdf
    $tmp_out_file = $tmpfpath.".pdf";
    $cmd_line = '/opt/openoffice.org3/program/python
/root/script/DocumentConverter.py ' . $tmpfpath.' ' . $tmp_out_file;
    runExternal($cmd_line);
    if ( file_exists($tmp_out_file) && filesize($tmp_out_file) > 0 )
    {
        //now convert pdf to flipbook
        $userid = "0";
        if(isset($_SESSION['jigowatt']['user_id'])) {
            $userid = $_SESSION['jigowatt']['user_id'];
        }
        $cmd_line = '/usr/bin/python /root/script/pdf2flipbook.py ' .
$tmp_out_file.' ' . $out_file_path.' ' . $userid;
        outputloginfo($cmd_line);
        $outinfo = runExternal($cmd_line);
        outputloginfo($outinfo);
    }
    else
    {
        outputloginfo_err("convert ppt to pdf faild -ppt2html5book");
        outputloginfo_err($cmd_line);
        outputloginfo("convert ppt to pdf faild -ppt2html5book");
    }
}

//-----check & show conversion result
if($cid == "pdf2html5book" or $cid == "ppt2html5book")
{
    //not file converter
    if (file_exists($out_file_path)&& filesize($out_file_path) > 0 )
    {
        $result = file_get_contents($out_file_path);
        outputloginfo("result: $result");
        if ( strpos($result,"ERROR") )
        {
            outputloginfo_err("ERROR: Convert failed!");
            outputloginfo_err($cmd_line);
            $retstr = "ERROR: Convert failed!";
        }
        else
        {

```



```
//setting fileid to session
$_SESSION['jigowatt']['bookid'] = $result;
$userhtml = "";
if(isset($_SESSION['jigowatt']['username'])) {
    $user = $_SESSION['jigowatt']['email'];
    $userhtml = "<p>$user has logged in. <a
href='http://www.ofoct.com/user/protected.php' target='_blank'>Manage your
flipbook</a></p>";
}
else
{
    $userhtml = "<p class='signup'>Manage your
flipbook? <a href='http://www.ofoct.com/user/sign_up.php' target='_blank'
class='signup-link'><strong>Join to Ofoct.com</strong></a></p>";
    $userhtml = $userhtml."<p>Or</p>";
    $userhtml = $userhtml."<p><a
href='http://www.ofoct.com/user/login.php' target='_blank' class='signup-
link'><em>Have an account?</em> <strong>Sign in!</strong></a></p>";
}
$url = "http://www.ofoct.com/flipbookshow.php?
bid=$result";

$url = urlencode($url);
$retstr = <<<EOF
<html>
<head>
<link
href="http://www.ofoct.com/user/assets/css/bootstrap.min.css" rel="stylesheet">
<link
href="http://www.ofoct.com/user/assets/css/jigowatt.css" rel="stylesheet">
<link rel="stylesheet" type="text/css"
href="styles/styles.css" />
</head>
<body>
<div style="height:350px;MARGIN:3px;TEXT-
ALIGN:center;vertical-align:center;MARGIN-TOP:40px;">
 <br> Your file has been successfully
converted! <a href="flipbookshow.php?bid=$result" target="_blank">Click it to
View</a>.
<div style="MARGIN:3px;MARGIN-TOP:10px;">
<div>Scan the QR code view this
flipbook in mobile device</div>

</div>
<div>
$userhtml
</div>
</div>
</body>
</html>
EOF;
}
}
else
{
    outputlogininfo_err("ERROR: Convert failed! output file not
exist!");
    outputlogininfo_err($cmd_line);
```

```

        $retstr = "ERROR: Convert failed! output file not exist!";
    }
}
else
{
    //file converter, success or failed
    if (file_exists($out_file_path)&& filesize($out_file_path) > 0 )
    {
        $outsize = filesize($out_file_path);
        $insize = filesize($tmpfpath);
        $informat = extend_2($tmpfpath);
        $downloadsavename = urlencode($downloadsavename);
        $out_file_path = urlencode($out_file_path);
        $retstr = <<<EOF
            <html>
                <head>
                    <link rel="stylesheet" type="text/css"
href="styles/styles.css" />
                </head>
                <body>
                    <div style="height:120px;MARGIN:3px;TEXT-
ALIGN:center;vertical-align:center;MARGIN-TOP:40px;">
                    <!--<br> Conversion has completed! <a
target="_blank" href="download.php?
genfpath=$out_file_path&downloadsavename=$downloadsavename&converter=$cid&informat=
$informat&outformat=$out_ext&insize=$insize&outsize=$outsize">Click it to
Download</a>.-->
                    <br> Conversion has completed! <a
href="get-file.php?
type=get&genfpath=$out_file_path&downloadsavename=$downloadsavename&converter=$cid&
informat=$informat&outformat=$out_ext&insize=$insize&outsize=$outsize">Click it to
Download</a>.
                    </div>
                </body>
            </html>
        EOF;
    }
}
else
{
    outputloginfo_err("ERROR: Convert failed!");
    outputloginfo_err($cmd_line);
    $retstr = "ERROR: Convert failed!";
}
}
}
else
{
    $retstr = "ERROR: Can not find the upload file!";
}
}
echo $retstr;
?>

```