

# Upgrading to v4.x - Archived

## Where has it gone?

Some of the files - or their contents - have been moved or renamed in version 4. If you have made changes/modifications to previous versions, and want to make those changes to the new versions, this may help you find things:

Declarations of all variables have been moved to the top of the mPDF class.

Variables are now initialised (when required) either in the *function mpdf()* if they are internal variables, or in the config.php file.

The file `htmltoolkit.php` is removed:

- *GetCodepage()* is moved to `config_cp.php` which contains configurable values for codepages
- most functions from `htmltoolkit.php` are now included within the `mpdf` class (at end of `mpdf.php` file)
- character substitutions are now in `/includes/subs_[codepage].php` files
- a few remaining stand-alone functions have moved to `/includes/functions.php`

`mpdf_config.php` has been renamed `config_fonts.php`

`gif.php` has moved to `/classes/gif.php`

`CJKdata.php` has moved to `/includes/`

`no_img2.gif` is now `/includes/no_image.jpg`

## Additional notes for developers

*split()* has been replaced by *preg\_split* or *explode* as *split* is deprecated in PHP 5.3

*set\_magic\_quotes\_runtime* has been wrapped in a check as it is deprecated in PHP 5.3

A number of subroutine functions have been used to tidy up the code.

Handling of HTML Headers and Footers has been changed, so that all are 'written' at the end of the document.

The files in `/patterns/*.*` used for hyphenation are changed to ASCII safe text (were win-1252 encoded)

If a double-sided document is generated (*mirrorMargins/useOddEven*) then the PDF file is set to use Duplex printing by default

mPDFi altered - can now simply capture errors on reading file by editing `mpdfi.php` see fn. *SetSourceFile()*

Some internal variables have been changed:

- `$mb_encoding` -> `$mb_enc`
- `$saveHeaderLinksE_N` etc. -> `$saveHeaderLinks` (array)
- `$saveFooterLinksE_N` etc. -> `$saveFooterLinks` (array)
- `$saveHTMLHeaderE_N` etc. -> `$saveHTMLHeader` (array)
- `$saveHTMLFooter_N` etc. -> `$saveHTMLFooter` (array)
- `$tblborderstyles` -> `$borderstyles`

Script will die with an error message if *mb\_string* functions not enabled.

`FPDF_FONTPATH` changed to `MPDF_FONTPATH`

*\_getfontpath()* removed - replaced with `MPDF_FONTPATH`

functions *DottedRect* and *DrawDot* removed (not used)