

Overview

mPDF Variables by Category

Most of the following variables are set as defaults in the configuration file config.php. When set there, they are written as e.g.:

```
$this->variablename = true;
```

Alternatively you can redefine the variable in individual scripts; here it will be written as e.g. (assuming your class object is "mpdf"):

```
$mpdf->variablename = true;
```

Category	Variable	Default value	Scope ^[1]	Version	Notes
Paging	mirrorMargins	0	DOCUMENT	4.0	The alias <i>useOddEven</i> was used before v4.0
	restoreBlockPagebreaks	FALSE		2.3	Removed v6.0
	forcePortraitMargins	FALSE	DOCUMENT	2.3	
	displayDefaultOrientation	FALSE	DOCUMENT	2.3	
	autoPageBreak	TRUE	DOCUMENT	3.1	
	setAutoTopMargin	FALSE	DOCUMENT	4.0	
	setAutoBottomMargin	FALSE	DOCUMENT	4.0	
	autoMarginPadding	2	DOCUMENT	4.0	
	margBuffer	2	DOCUMENT	5.5	Allows an (empty) end of block to extend beyond the bottom margin by this amount (mm)
	printers_info	FALSE		5.1	Adds date and page info for printer when using @page and "marks:crop;"
	bleedMargin	5		5.1	
	crossMarkMargin	5		5.1	Distance of cross mark from margin in mm
	cropMarkMargin	8		5.1	Distance of crop mark from margin in mm
	cropMarkLength	18		5.1	Default length in mm of crop line
	nonPrintMargin	8		5.1	Non-printable border at edge of paper sheet in mm
Page numbering	aliasNbPg	"{nb}"	DOCUMENT		NB The default value will not appear correctly in a PDF version of this page; it is substituted by the number of pages.
	aliasNbPgGp	"{nbpPg}"	DOCUMENT		NB The default value will not appear correctly in a PDF version of this page; it is substituted by the number of pages.
	pagenumPrefix	""	DOCUMENT	3.0	
	pagenumSuffix	""	DOCUMENT	3.0	
	nbpPgPrefix	""	DOCUMENT	3.0	
	nbpPgSuffix	""	DOCUMENT	3.0	
	defaultPageNumStyle	"1"	DOCUMENT	6.0	

Category	Variable	Default value	Scope ^[1]	Version	Notes
Fonts, Languages and Character sets	percentSubset	30	DOCUMENT	5.0	Control subsetting behaviour for fonts
	useKerning	FALSE	DOCUMENT	5.4	Set to TRUE to enable CSS support for <i>font-kerning</i>
	maxTTFFilesize	2000	DOCUMENT	5.0	Control subsetting behaviour for fonts
	allow_charset_conversion	TRUE			
	charset_in	NULL			
	biDirectional	FALSE			
	use_CJK_only	FALSE			Removed mPDF 5.0
	useAdobeCJK	TRUE	DOCUMENT*	5.0	* You must only change this variable in the <code>config.php</code> file. Use initial parameter to change at runtime e.g. <code>\$mpdf=new mPDF(' +aCJK');</code>
	autoFontGroupSize	2		2.3	Removed in v6.0
	useLang	TRUE		2.3	Default value FALSE before v4.0 Removed in v6.0
	autoScriptToLang	FALSE	DOCUMENT	6.0	Replaces SetAutoFont function
	autoLangToFont	FALSE	DOCUMENT	6.0	Replaces useLang
	baseScript	1	DOCUMENT	6.0	
	autoArabic	FALSE	DOCUMENT	6.0	
	autoVietnamese	FALSE	DOCUMENT	6.0	
	disableMultilingualJustify	TRUE		2.3	Removed in v6.0
	falseBoldWeight	5		4.2	Weight for bold text when using an artificial (outline) bold
	smCapsScale	0.75		5.0	Factor of 1 to scale capital letters
	smCapsStretch	115		5.0	% to stretch small caps horizontally
	backupSubsFont	array('dejavusanscondensed')		5.0	Set in config_fonts.php
	backupSIPFont	NOT DEFINED		5.0	Set in config_fonts.php
Configuration	useOnlyCoreFonts	FALSE	DOCUMENT	(3.0)	Removed mPDF 5.0 - Use <code>\$mpdf=new mPDF('C');</code> The alias <code>use_embeddedfonts_1252</code> was used before v4.0
	repackageTTF	FALSE	DOCUMENT	5.2	
	useSubstitutions	FALSE		(4.0)	NB Altered behaviour mPDF >= 5.0 Default value TRUE before v4.0

Category	Variable	Default value	Scope ^[1]	Version	Notes
	useSubstitutionsMB	FALSE		4.2	Removed in mPDF 5.0 Use useSubstitutions instead. Substitute missing characters in UTF-8(multibyte) documents - from core fonts
	collapseBlockMargins	TRUE		4.2	Allows top and bottom margins to collapse between block elements
	dpi	96		4.5	Specifies size conversion for objects with size set by "px"
	enableImports	FALSE	DOCUMENT*	4.3	Enable Imported PDF files (templates) [was mPDFI] * You must only change this variable in the <code>config.php</code> file. Use <code>SetImportUse()</code> to change at runtime.
	allow_output_buffering	FALSE	DOCUMENT	3.0	
	allow_html_optional_endtags	TRUE	DOCUMENT		
	ignore_invalid_utf8	FALSE			
	text_input_as_HTML	FALSE	DOCUMENT		
	showStats	FALSE	DOCUMENT	4.0	
	progressBar	FALSE	DOCUMENT*	4.2	Shows progress-bars whilst generating file * You must only change this variable in the <code>config.php</code> file. Use <code>StartProgressBarOutput()</code> to set at runtime.
	progbar_heading	"mPDF file progress"	DOCUMENT	5.0	Customise the use of progress-bars
	progbar_altHTML	""	DOCUMENT	5.0	Customise the use of progress-bars
	incrementFPR1 [1-4]	10,20,30,50		4.2	
Debugging	debug	FALSE	DOCUMENT	3.1	
	debugfonts	FALSE	DOCUMENT	5.0	Show errors and warning notes for fonts
	showImageErrors	FALSE	DOCUMENT	3.0	
PDF/A1-b, PDF/X-1a Colorspaces	PDFA	FALSE	DOCUMENT	4.3	
	PDFAuto	FALSE	DOCUMENT	4.3	
	PDFX	FALSE	DOCUMENT	5.1	
	PDFXauto	FALSE	DOCUMENT	5.1	
	ICCPProfile	""	DOCUMENT	4.3	
	restrictColorSpace	0	DOCUMENT	5.1	
Annotations	title2annots	FALSE	DOCUMENT	2.2	
	annotMargin	NULL	DOCUMENT	2.2	
	annotOpacity	0.5	DOCUMENT	2.2	
Bookmarks (Outlines)	anchor2Bookmark	0	DOCUMENT		
	h2bookmarks	array()	DOCUMENT	5.7	Automatically generate bookmarks from Heading elements H1-H6

Category	Variable	Default value	Scope ^[1]	Version	Notes
	h2toc	array()	DOCUMENT	5.7	Automatically generate ToC entries from Heading elements H1-H6
CSS & Styles	CSSselectMedia	"print"	DOCUMENT	4.4	
	disablePrintCSS	NULL	DOCUMENT		DEPRACATED from >= 4.4
	rtlCSS	2	DOCUMENT		REMOVED from v 5.1
	useDefaultCSS2		DOCUMENT		DEPRACATED from >= 2.2
Page Headers & Footers	defaultfooterfontsize	8			
	defaultfooterfontstyle	"BI"			
	defaultfooterline	1			
	defaultheaderfontsize	8			
	defaultheaderfontstyle	"BI"			
	defaultheaderline	1			
	footer_line_spacing	0.25			
	header_line_spacing	0.25			
	forcePortraitHeaders	FALSE	DOCUMENT		
	headerPageNoMarker	"! "	DOCUMENT		DEPRACATED from >= 4.0
Tables	simpleTables	FALSE	DOCUMENT	4.3	
	packTableData	FALSE	DOCUMENT	4.4	
	cacheTables	FALSE	DOCUMENT	5.4	Removed v6.0
	tableMinSizePriority	FALSE		4.6	
	ignore_table_percents	FALSE		2.2	
	ignore_table_widths	FALSE		2.2	
	keep_table_proportions	FALSE		2.2	
	shrink_tables_to_fit	1.4			
	table_error_report	FALSE			
	table_error_report_param	""			
	use_kwt	FALSE		2.0	
	iterationCounter	FALSE	DOCUMENT	5.0	Enables the use of a replaceable iteration counter in table headers or footers
	decimal_align	cf.	DOCUMENT	5.7	Array of characters enabled to align table columns
Images	img_dpi	96			
Text Spacing & Justification	normalLineheight	1.33		4.2	Value used for line-height when CSS specified as 'normal'
	useFixedNormalLineHeight	FALSE		6.0	
	useFixedTextBaseline	FALSE		6.0	
	adjustFontDescLineheight	1.14		6.0	
	jSmaxChar	2			
	jSmaxWordLast	2		5.1	
	jSmaxCharLast	1		5.1	
	jSpacing	NULL			DEPRACATED from >= 5.1
	jSWord	0.4			
	orphansAllowed	5			Removed mPDF 5.7
	allowCJKorphans	TRUE		5.2	Wrapping of CJK text

Category	Variable	Default value	Scope ^[1]	Version	Notes
	allowCJKoverflow	FALSE		5.2	Wrapping of CJK text
	CJKforceend	FALSE		5.7	Wrapping of CJK text
	tabSpaces	8		2.3	
	justifyB4br	FALSE		4.4	Justify the line before a when using text-align: justify
Hyphenation	hyphenate	FALSE		2.5	Removed mPDF 5.7
	hyphenateTables	FALSE		2.5	Removed mPDF 5.7
	SHYlang	"en"		2.5	
Columns	keepColumns	FALSE			
	max_colH_correction	1.15			
Lists	list_auto_mode	"browser"		6.0	
	list_indent_default	"40px"		6.0	
	list_indent_default_mpdf	"0em"		6.0	
	list_marker_offset	"5.5pt"		6.0	
	list_symbol_size	"3.6pt"		6.0	
	list_align_style	"R"		2.1	Removed mPDF 6.0
	list_indent_first_level	0			
	list_number_suffix	."		2.1	
	list_number_prefix	."		2.1	
Watermarks	showWatermarkImage	NULL		2.2	
	showWatermarkText	NULL		2.2	
	watermark_font	""			
	watermarkImageAlpha	0.2		2.2	Can be changed by SetWatermarkImage()
	watermarkImageAlphaBlend	"Normal"		4.5	
	watermarkImageBehind	FALSE		4.4	Place watermark images behind page contents
	watermarkTextAlpha	0.2		2.2	
Borders	autoPadding	FALSE	DOCUMENT	3.0	
Bookmarks	bookmarkStyles	array()	DOCUMENT	5.4	Specify appearance of Bookmarks in PDF reader

[1] Variables with scope marked as **DOCUMENT** should only be set once at the beginning of the document. All others can be changed during the course of creating the document.

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