Font substitution

(mPDF <= 4.x)

If a font or default font is declared in mPDF (including the default stylesheet, and any CSS stylesheets etc.) the font that is actually set is determined by:

UTF-8 codepage
The font requested (including style) is checked to see if it is available to mPDF: set by the array *available_unifonts** defined in mpdf_config.php
If the requested font (and style) is not available:

1. If the font[nostyle] exists - selected
2. If only one font available in *available_fonts** - selected
3. Substitute a font of similar type (sans-serif, serif, or mono) - this first one in the *sans_fonts*, *serif_fonts*, and *mono_fonts* arrays are used. The font-family-type is determined by the three arrays *sans_fonts*, *serif_fonts*, and *mono_fonts* defined in mpdf_config.php
4. If no font has yet been selected, the first font in the array *available_fonts** is selected

* Note that the array *available_unifonts* is altered when certain languages are defined e.g.
If 'ur' (Urdu) is set as the language, the only font which contains the necessary characters is Scheherazade.
In `config_cp.php`, the value $mpdf_pdf_unifonts = "scheherazade"; is used to redefine array *available_unifonts* to only include Scheherazade, and thus restrict font selection.

CJK codepages
If *use_CJK_only* is set to true (default=false, see Getting Started), then only the fonts big5, sjis, uhc, and gb can be selected. All other fonts are ignored.

Otherwise, any of the CJK fonts or other Unicode fonts can be selected (as above).

win-1252 codepage
If *useOnlyCoreFonts* is set to true (default=false, see Getting Started), then all font requests will be substituted by Arial/Helvetica, Times or Courier i.e. the core Adobe fonts. mPDF determines whether the requested font is a sans-serif, serif or monospace font, and substitutes accordingly. The font-family-type is determined by the three arrays *sans_fonts*, *serif_fonts*, and *mono_fonts* defined in mpdf_config.php

If *useOnlyCoreFonts* is set to false (default), then fonts are checked to see if they are available to mPDF: set by the array *available_fonts* defined in mpdf_config.php
If the requested font (and style) is not available:

1. If the font[nostyle] exists - selected
2. If only one font available in *available_fonts* - selected
3. Substitute a font of similar type (sans-serif, serif, or mono) - this first one in the *sans_fonts*, *serif_fonts*, and *mono_fonts* arrays are used
4. If no font has yet been selected, the first font in the array *available_fonts* is selected

Other codepages
As for win-1252 when *useOnlyCoreFonts* is set to false.

Character (font) substitution
If some circumstances, individual characters are replaced by glyphs from another font - see character (font) substitution.

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