

SetAutoFont()

(mPDF >= 2.3 <= 5.7)

SetAutoFont - Automatically detect language in the input HTML text and use appropriate fonts

Description

```
void SetAutoFont ( int $flag )
```

Turns on the AutoFont function, which automatically detects language in the input HTML text and uses appropriate fonts.

Note: This function was removed in mPDF 6.0 Use `autoLangToFont` for the same results

AutoFont uses `...` to mark text which is auto-detected. See `lang` for further details, but note that SetAutoFont also:

- disables support for text-align=justify
- sets `$useLang=TRUE`
- sets `$biDirectional=TRUE` (if `AUTOFONT_RTL` is set)

Note: Using automatic language detection adds considerable processing time when creating a large document.

Note: It is better to mark the HTML text yourself using block tags e.g. `<p lang=""` rather than relying on mPDF to set `<span lang=""` if possible; when set at block level, it allows appropriate changes to text alignment, character spacing and text-justification.

Note: Automatic language detection is based on analysis of the characters in the text. It is therefore not precise, and in particular it may be difficult to distinguish between different arabic languages (arabic, farsi, urdu, pashto etc), CJK languages (even between Chinese and Japanese text in same text chunk).

Note: Chinese Traditional and Simplified Chinese share so many characters that mPDF does not even try to distinguish which is being used. If AutoFont is being used and a chinese languages is identified, it is marked as `...`.
The font actually used for default chinese is determined by the settings in function `GetCodepage()` in `config_cp.php`; by default this is Chinese Simplified (GB, GBK).

Note: SetAutoFont is only valid when using UTF-8 as the codepage for the document.

Parameters

flag

This parameter specifies which languages are auto-detected. Either an integer or one of the defined constants can be used.
SetAutoFont(0) will turn off any auto-detection. Bitwise operators can be used with the defined constants e.g.
SetAutoFont(AUTOFONT_CJK | AUTOFONT_THAIVNET) will turn on autodetection for CJK languages and Thai and Vietnamese.

Values

AUTOFONT_CJK = 1 = Any CJK languages (Chinese - Japanese - Korean)
AUTOFONT_THAIVNET = 2 = Thai and Vietnamese

AUTOFONT_RTL = 4 = RTL languages i.e. Hebrew and Arabic, including Pashto, Urdu etc.
 AUTOFONT_INDIC = 8 = Indic languages such as Devanagari
 AUTOFONT_ALL = 15 = All of the above
DEFAULT: AUTOFONT_ALL (15)

Changelog

Version	Description
4.0	AutoFont marks up the with class="lang_xx" as well as lang="xx"
2.3	Function was added.
2.3	Internal variable \$pregRTLchars was altered for better detection of arabic/hebrew
6.0	Removed in favour of autoLangToFont

Examples

Example #1

```
<?php

include("../mpdf.php");
$mpdf=new mPDF('utf-8');

$html = '
<p>Most of this text is in English, but has occasional words in Chinese:其貢獻在 or Vietnamese: Một khảo
sát mới cho biết, or maybe even Arabic: البرادعى</p>
<p>البرادعى -12- البرادعى</p>
<p>其貢獻在國際間亦備受肯定, 2005年</p>
';

$mpdf->SetAutoFont();

$mpdf->WriteHTML($html);

$mpdf->Output();

?>
```

See Also

- useLang - Specify whether to recognise and support the HTML attribute lang
- autoFontGroupSize - Specify the text chunk size to group when autodetecting text language
- disableMultilingualJustify - Specify whether to disable text justification in multilingual documents
- lang - Information on mPDF support for the HTML attribute lang

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