NAME

ptex, uptex, eptex, euptex – Japanese "Publishing TeX"

SYNOPSIS

ptex [*options*] [**&***format*] [*file|\commands*]

DESCRIPTION

pTEX (**ptex**) is a TEX engine with extensions for Japanese typesetting, including features related to line breaking rules, inter-character spacing and vertical writing. It was first developed by ASCII Corporation, in the aim of providing a Japanese TEX which can be used for commercial publishing. For pTEX, the character set available is limited to JIS X 0208, namely JIS level-1 and level-2.

upTEX (**uptex**) is a Unicode-enabled pTEX with extensions for better handling of CJK (Chinese, Japanese and Korean) multilingual documents. It has been developed by Takuji Tanaka since 2007.

e-pTEX (**eptex**) is a merge of e-TEX and pTEX.

e-upTEX (**euptex**) is a merge of e-TEX and upTEX.

In the following sections, we refer to these engines as (e-)(u)pTEX.

(e-)(u)pTEX's handling of its command-line arguments is similar to that of the other TEX programs in the *web2c* implementation.

OPTIONS

Here we list only additions/deletions of command line options which are specific to (e-)(u)pTEX. For (u)pTEX, other options are similar to TEX. For e-(u)pTEX, other options are similar to e-TEX.

Additions (supported by ptexenc library):

-kanji *string*

Sets the input Japanese *Kanji* code. The *string* can be either *euc* (EUC-JP), *jis* (ISO-2022-JP), *sjis* (Shift_JIS), and *utf8* (UTF-8). For (e-)upTEX, *uptex* is also allowed.

-kanji-internal *string*

Sets the internal *Kanji* code. The string can be either *euc*, and *sjis*. For (e-)upTEX, *uptex* is also allowed.

Deletions:

-enc   In this version of (e-)(u)pTEX, encTEX extensions are *not* available.

SEE ALSO

tex(1), **etex**(1).

AUTHORS

This version of (e-)(u)pTEX is maintained by Japanese TEX Development Community <https://texjp.org>. For bug reports, open an issue at GitHub repository <https://github.com/texjporg/tex-jp-build>, or send an e-mail to <issue@texjp.org>.

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