

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 ptxenc 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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