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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