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-TeXX (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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