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

SYNOPSIS
ptex [options] [format] [file|commands]

DESCRIPTION
p\TeX\ (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 p\TeX, the character set available is limited to JIS X 0208, namely JIS level-1 and level-2.

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

e-p\TeX\ (eptex) is a merge of e-\TeX\ and p\TeX\.
e-up\TeX\ (euptex) is a merge of e-\TeX\ and up\TeX\.

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

(e-)(u)p\TeX\’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)p\TeX. For (u)p\TeX, other options are similar to \TeX. For e-(u)p\TeX, other options are similar to e-\TeX.

Additions (supported by ptexenc library):

-\texttt{-kanji string}
  Sets the input Japanese Kanji code. The string can be either \texttt{euc} (EUC-JP), \texttt{jis} (ISO-2022-JP), \texttt{sjis} (Shift_JIS), and \texttt{utf8} (UTF-8). For (e-)up\TeX, uptex is also allowed.

-\texttt{-kanji-internal string}
  Sets the internal Kanji code. The string can be either \texttt{euc}, and \texttt{sjis}. For (e-)up\TeX, uptex is also allowed.

Deletions:

-\texttt{-enc}
  In this version of (e-)up\TeX, enc\TeX extensions are not available.

SEE ALSO
tex(1), etex(1).

AUTHORS
This version of (e-)up\TeX 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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