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

SYNOPSIS
ptex [options] [\texttt{format}] [\texttt{file|commands}]

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

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

\texttt{e-p\TeX} (eptex) is a merge of e-\TeX and \texttt{p\TeX}.

\texttt{e-up\TeX} (euptex) is a merge of e-\TeX and \texttt{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 ptxenc library):

\texttt{-kanji \textit{string}}

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

\texttt{-kanji-internal \textit{string}}

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

Deletions:

\texttt{-enc}

In this version of (e-)(u)p\TeX, enc\TeX extensions are not available.

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

AUTHORS
This version of (e-)(u)p\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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