

NAME

pbibtex, upbibtex – make a (Japanese) bibliography for (La)TeX

SYNOPSIS

pbibtex [*options*] *auxname*[.aux]

DESCRIPTION

pBIBTEX (**pbibtex**) is a modified version of **bibtex**(1) for handling Japanese bibliographies. It sorts entries according to code points in EUC-JP, and provides new and modified built-in functions described below.

upBIBTEX (**upbibtex**) is a modified version of pBIBTEX, which sorts entries according to code points in Unicode.

Extensions to bibliography style (bst) functions

A new built-in function is available, and some other functions are modified to simplify Japanese handling.

is.kanji.str\$

[New built-in] Pops the top (string) literal to see if it contains any non-ASCII characters. Pushes 1 if it contains at least one, 0 if not.

substring\$

Modified to avoid dividing a character string in the middle of a multibyte character.

text.prefix\$

Similar modification as to **substring\$**.

add.period\$

Modified to prevent appending "." after the Japanese punctuation marks corresponding to "!", "?", and ".", namely U+FF01, U+FF1F, U+3002 and U+FF0E.

format.name\$

Modified to accept Japanese *zenkaku* ideographic space (U+3000) for names displayed in Japanese. Also modified to recognize Japanese commas (U+3001 and U+FF0C) similar to "and" between names.

OPTIONS

See **tex**(1) for details of command-line parsing, and **bibtex**(1) for common options: **-min-crossrefs**, **-terse**, **-help**, **-version**.

[-no]-guess-input-enc

Disable/enable guessing of the input file encoding.

-kanji=string

Set Japanese encoding, where *string* is one of *euc*, *jis*, *sjis*, *utf8*, *uptex*.

-kanji-internal=string

Set Japanese internal encoding, where *string* is one of *euc* or *uptex*.

SEE ALSO

bibtex(1), **ptex**(1).

AUTHORS

BIBTEX was written by Oren Patashnik at Stanford University.

The Japanese version of BIBTEX was originally developed by Shouichi Matsui as JBIBTEX until

1991. It was developed to behave consistently with NTT J \TeX in handling legacy Japanese encodings. The old documentation files `jbibtex.pdf`, `jbtxdoc.tex`, `jbtXHak.tex` (all available in \TeX Live) describe Japanese handling capability and some additional notes of JBIB \TeX .

Current (u)pBIB \TeX is a forked version of JBIB \TeX , and has replaced the encoding conversion routine with one that is compatible with the (u)p \TeX community edition using the `ptexenc` library. Descriptions of encodings in the old documentation files `j*.pdf` (especially Section 3.3 of `jbibtex.pdf`, such as `BIBTERMCODE` and `BIBFILECODE`) are no longer correct.

This manual page was written by Hironobu Yamashita.

Email bug reports to issue@texjp.org.