

NAME

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

SYNOPSIS

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

DESCRIPTION

pBIB_{TEX} (**pbibtex**) is a modified version of BIB_{TEX} for Japanese handling. It sorts entries according to code points in EUC-JP. Also, a new built-in function **is.kanji.str\$** which determines whether an entry is outside ASCII is introduced.

upBIB_{TEX} (**upbibtex**) is a modified version of pBIB_{TEX}, which sorts entries according to code points in Unicode.

Extensions to Bibliography Style Functions

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

is.kanji.str\$

[New feature] 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 to **substring\$** described above.

add.period\$

Modified to prevent appending "." after Japanese punctuations corresponding to "!", "?", and "." (e.g. 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.

SEE ALSO

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

AUTHORS

Japanese version of BIB_{TEX} was originally developed by Shouichi Matsui as JBIB_{TEX} until 1991. It was developed to behave consistently with NTT JT_{EX} in handling legacy Japanese encodings. The old documentations *jbibtex.pdf*, *jbtxdoc.tex*, *jbtxhak.tex* (all available in T_{EX} 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 (u)pT_{EX} community edition using the *ptexenc* library. Note that descriptions of encodings in the old documentations *j*.pdf* (especially Section 3.3 of *jbibtex.pdf*, such as **BIBTERMCODE** and **BIBFILECODE**) are incorrect anymore.

This manual page was written by Hironobu Yamashita.