

MIBIB_TE_X's Version 1.3

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Abstract In October 2000, we started a new implementation of BIB_TE_X, the bibliography program associated with L^AT_EX. This implementation is so-called MIBIB_TE_X (for “Multilingual BIB_TE_X”) because it includes multilingual features. Multilingual bibliographies can be organised with respect to two approaches:

reference-dependent approach each reference of a bibliography section of a document is expressed using the language of the entry: for example, the month name of a reference to a book written in English (resp. French, German, ...) is given in English (resp. French, German, ...);

document-dependent approach all the references of a bibliography section of a document are expressed using the document’s language, as far as possible.

After the first version (1.1), Version 1.2 provided more flexibility about the specification of names within the fields `AUTHOR` and `EDITOR`. Formatting such names in a bibliography section is easier, too. These two versions use the bibliography style language (`.bst`) of BIB_TE_X and allowed us to define requirements for a new language for bibliography styles. The syntax of this new language is close to XSL-FO and this language will be used in Version 1.3. More precisely, the two languages will coexist in order to ease the transition between “old” styles and “new” ones. In the paper, we will:

- show how to design new styles with the ‘new’ bibliography style language (it is completely described as an annex);
- explain how the coexistence between the two languages is organised.

