Multilingual Bibliography Styles and XML

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We present MiBiβTeX, our re-implementation of BiβTeX, including multilingual features. We show that the present version (1.3) takes as much advantage as possible from xml¹. More precisely, MiBiβTeX uses sXML, that is, Scheme implementation of xml, the implementation designed by Oleg Kiselyov.

The language for our bibliography styles is close to XSLT²; in fact, there is a kind of inheritance about language expressions, in addition to an XSLT-like framework. In the complete paper, we will explain why XSLT itself would have not been a good choice.

For the logoguit conference, a demonstration could be performed.

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¹eXtensible Markup Language.
²eXtensible Stylesheet Language Transformations.