

From Bibliography Files to Open Archives: the Sequel

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Additional files

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Remember. . .

At BachoT_EX 2010. . .

French research institutions have to put articles' texts and metadata into the HAL Open Archives site.

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Institutions are *graded* regarding these publications.

Starting from .bib files

Since 1996 \implies publications registered into .bib files.

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Open Archives \Longleftarrow advanced search features \implies some information to be supplied is not included into .bib files.

May 2010

MLBIB_{T_E}X's extension + additional XML files for:

- our institution's people (affiliation),
- conferences and journals.

Intermezzo

Activity report \implies classifying:

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CLASSEMENT mnemonic, such as ACLI, ACLNI, ACLF, ACLNF, etc.;

LANGUAGE the text's language;

DOMAINEHAL identifies *topics*.

More fields

ABSTRACT

KEYWORDS

PDF

More fields

ABSTRACT

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PDF

But how to fill them in?

More fields

ABSTRACT

KEYWORDS

PDF

But how to fill them in? And [quite] quickly?

Graphical interface

Designed and programmed by Jean-Michel Caricand, an engineer at the LIFC.

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key \implies *key.abstract*, *key.keywords*, *key.pdf*.

Information about people

LIFC's people \Leftarrow periods.

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External people \Leftarrow affiliations:

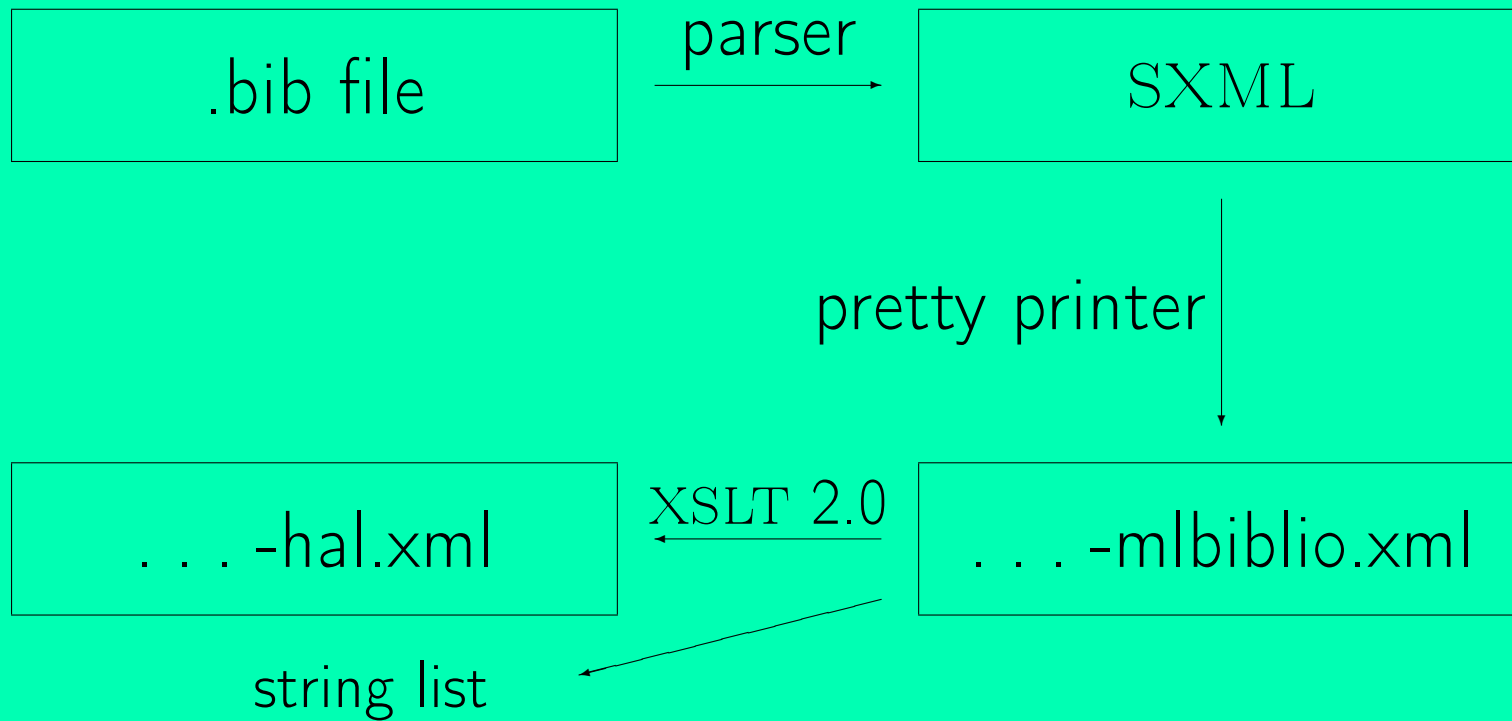
Information about people

LIFC's people \Leftarrow periods.

External people \Leftarrow affiliations:

- as numbers registered by HAL,
- or given *in extenso*.

Steps



Allegro molto nervoso

Very big difference between $\text{BIBT}_{\text{E}}\text{X}$ and $\text{MIBIBT}_{\text{E}}\text{X}$:

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More check about ADDRESS fields.

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⇒ A kind of compilation of .bib files.

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More check about ADDRESS fields.

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EDITORS, PUBLISHER in an @ARTICLE.

Another program to do that?

Yes!

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Suitable for one person, difficult use at the level of an institution.

Installation and use

`http://lifc.univ-fcomte.fr/home/~jmhufflen/
texts/superreport/`

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Install a Scheme interpreter: preferably `bigloo`.

Make sure that GNU `make` works.

Update w.r.t. the article

Single quotes are *no longer* required for the values related to the XSLT stylesheet, that is, for the options:

```
--with-hallogin      --with-external  
--with-halpassword  --with-domain-table  
--with-people
```

Usable at other places?

France: use configure's options.

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France: use `configure`'s options.

Other countries: just adapt the second step, that is, the XSLT stylesheet. See also how to use the `CLASSEMENT` field.

Appendix

Programs:

`ar-style, hal, mlbibtex2xml, mlbibtex`

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Latin1 encoding (input and output). Other encodings are planned.

Finally

Long but successful!

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MLBIBT_EX is winning again!