Manuscripts description for philology with biblatex

New data types

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Contents

1 Introduction

1.1 Goals

The biblatex package defines some standard fields for entry, and allows to use extra fields, like usera, userb. However, the number of extra fields needed to describe manuscripts in an introduction of a critical edition of classical texts is too great to use these fields' names without mistake.

The aim of this package is double:

- Provides new datatype: @manuscripts with adapted fields.

- Provides new bibliography styles to print the list of manuscripts:
    - As a detailed list of witnesses of a text.
    - As a *conspectus siglorum.*

You can see minimal example in the file example.pdf.

1.2 Credits

This package was created for Maïeul Rouquette's PHD[1] in 2014. It is licenced on the *LaTeX Project Public Licence*[2].

All issues can be submitted, in French or English, in the GitHub issues page[3].

2 Requirement

This package needs biblatex 3.3 or later.

3 New type and fields

This package defines one new bibtype `@manuscript`, which is to be used to define a manuscript.

3.1 Mandatory

This bibtype has these mandatory fields:

collection field (literal)

the collection in the library. For example: `Supplément grec`.

location field (literal)

the city or place where the manuscript is kept. For example: `Paris` or `Oxford`.

library field (literal)

the library where the manuscript is kept. For example: `Bibliothèque Nationale de France`.

shelfmark field (literal)

the shelfmark in the collection. For example: `241`.

3.2 Optional

This bibtype can use the optional fields:

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[1] http://apocryphes.hypothese.org.
[2] http://latex-project.org/lppl/lppl-1-3c.html.
[3] https://github.com/maieul/biblatex-manuscripts-philology/issues.

bookpagination field (key)

the pagination of the manuscript which is studied. The standard pagination keys are allowed, but the package add a new key: `folio`. The value of this field is to be used for printing the `pages` and `pagetotal`.

columns field (integer)

the number of column by pages. Basically, only two numbers are allowed: `1` or `2`.

dating field (literal)

the dating of the manuscript. It can be for example a century.

layer field (key)

for palimpsests, the layer which is studied. There is two possibility:

inf for the inferior layer.

sup for the superior layer

shortcollection field (literal)

the abreviated form of the collection. Not used by the default style.

shortlibrary field (literal)

the abreviated form of the library. Not used by the default style.

pages field (range)

the pages which are studied in the manuscript. In this field, you can use the macros `\recto` and `\verso`.

pagetotal field (integer)

the number of pages in the manuscript.

pagination field (key)

the pagination of part of manuscript which is studied. The standard pagination key are allowed, but the package add a new key: `folio`.

shorthand field (literal)

the shorthand of the manuscript. If this field is empty, the entry key will be used as shorthand, except if the version `manuscript-noautoshorthand` is loaded. See § 4.1.

support field (key)

the support of the manuscript, which will be translated in your work language. These keys are defined: `papyrus`, `paper`, `pergament`.

3.3 Special

There are also two special fields, which are printed only if we ask for them explicitly:

annotation field (literal)

some annotation about the manuscript and its content. If you want to add paragraphs inside it, you must use the `\par` command between each paragraph.

catalog field (special)

a list of catalogues which describe the manuscript. You must fill this field with arguments of a `\cites` command. For example:

```
@manuscript{key,
  field1 = {value1},
  field2 = {value2},
  catalog = {[prenote1][postnote1]{key1}[prenote2][postnote2]{key2}}
```

origin field (list)

the places where the manuscript was written.

owner field (name)

the name(s) of the owner(s) of the manuscript in the past.

scribe field (list)

the name(s) of the scribe(s).

4 Use

4.1 Loading

When loading the biblatex package, use the option `bibstyle` with value equal to `manuscripts`.

```
\usepackage[bibstyle=manuscripts,otheroption…]{biblatex}
```

If you don't want the `shorthand` of the manuscript be auto-defined from the entry key, use `manuscripts-noautoshorthand` instead.

```
\usepackage[bibstyle=manuscripts-noautoshorthand,otheroption…]{biblatex}
```

The bibliographic style for other type entries is "verbose", which call "authortitle". However, if you need other bibliographic style, use the `biblatex-multiple-dm` package.

4.2 Citation of one manuscript

The manuscript description is supposed to be used with a `citestyle` of the *verbose* family (see the biblatex handbook), but you can use any other `citestyle`. The only problematic point is that the manuscript citation will be verbose.

So, if you use:

```
\cite{manuscriptkey}
```

the full reference of the manuscript will be printed (see the example file). However, you can use \shcite to print directly the shorthand of the manuscript:

```
\shcite{manuscriptkey}
```

4.3 List of manuscripts: *conspectus siglorum*

You can use the standard command \printshorthands with appropriate options:

```
\printshorthands[type=manuscript,title=Conspectus siglorum]
```

In the previous example, with use one option to print shorthands only for manuscripts entries, and we set the title to the classical one "Conspectus siglorum".

4.4 List of manuscripts with detailed fields

If you want to print a list of manuscripts with detailed fields listed in § 3.3, just use the env option, with value equal to `details`.

```
\printshorthands[type=manuscript,env=details,title=Description of manuscripts]
```

In this case, you must run two times biber: one after the first run of LaTeX and one after the second run, to add in the `.bbl` the catalogues. After that, run a three time LaTeX.

If you use `manuscripts-noautoshorthand` version, this list could contain manuscripts without shorthand. By default, the descriptions of such manuscripts will be aligned on the left of the shorthands column.

An other solution is to make two lists: one with manuscripts with shorthand and one with manuscript withoutshortands. You can add to your \printbiblography or \printshorthands commands a `bibcheck` option, equal to `withshorthand` or `withoutshorthand`. As you:

```
\printshorthands[
  type=manuscript,
  env=details,
  title=Description of used manuscripts,
  check=withshorthand
```

```
]
\printbibliography[
  type=manuscript,
  title=Description of other manuscripts,
  check=withoutshorthand
]
```

4.5 Sorting list of manuscripts without shorthand

If you doesn't use the shorthands' feature, you can want to print a list of manuscripts, sorted by Town, Library, Collection, Shelfmark.

For this purpose, you can use, the option `sorting=manuscripts` of a `refcontext` environment.

```
\begin{refcontext}[sorting=manuscripts]{}
\printbibliography[
  type=manuscript,
  title=Description of other manuscripts,
]
\end{refcontext}
```

You can use the special field `sortshelfmark` if the way you shelf marks are sorted is not the way they are printed (like in normal entry type, you can use `sorttitle`.

However, using different sorting scheme for different bibliography in the same document implies that biber will insert many time the bibliographic entries in the `.bbl` file, once by sorting scheme. If you have a bib bibliography, that could make LaTeXfinishing the next run by a
`TeX capacity exceeded, sorry [main memory size=<something>]`
because this will full the memory[4].

In order to prevent this, the package also provides sorting schemes to get the same sorting scheme for manuscripts and other entries, even if separated in the final bibliography. The following sorting schemes are adapted for the standard biblatex sorting schemes:

- `nty+manuscripts`, adapted from `nty`;

- `nyt+manuscripts`, adapted from `nyt`;

- `nyvt+manuscripts`, adapted from `nyvt`.

To use these scheme, don't use `recontext` environment, but simply the global option when loading biblatex:

```
\usepackage[sorting=nty+manuscripts,…]{biblatex}
```

If you need more sorting scheme, please contact us, we could integrate them easily.

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[4]The problem should not happen if you use LuaLaTeX, because, contrary to XꟾLaTeX and LaTeX, LuaLaTeX has no limit in memory, except the limit of the computer… which should be enough with recent computer.

5 Customization

5.1 Commands

You can redefine, with \renewcommand some commands defined in manuscripts.bbx. The commands starting with \mk... take one argument, the other take no argument. In these command, use the punctuation commands of biblatex.

\collectionshelfmarkpunct   the punctuation between collection and shelfmark. By default \addspace.

\columnslayerpunct   the punctuation between columns and layer. By default \addsemicolon\addspace.

\datingpagespunct   the punctuation between dating and pages. By default \addcomma\addspace. The \isdot is automatically called when printing dating field.

\librarycollectionpunct   the punctuation between library and collection. By default \addcomma\addspace.

\mkcolumns   the way the columns are printed. By default, in parens.

\mkcolumnslayer   the way the columns and layer fields are printed together. By default, in parens.

\mklocation   the way the location is printed. By default, with the command \mkbibnamefamily.

\mkmanuscriptdescriptionlabel   the way the label are printed before the special field. By default, in bold, following with \manuscriptdescriptionlabelpunct.

\mkshcite   the way the shorthand is printed when using \shcite. By default, no special formatting.

\locationlibrarypunct   the punctuation between location and library. By default \addcolon\addspace.

\manuscriptdescriptionlabelpunct   the punctuation between label and text, for the special fields. By default \addcolon\addspace.

\moreinterpunct   the punctuation between each special fields when printing in the same paragraph. By default \addcolon\addspace.

\pagetotalpagespunct   the punctuation between pagetotal and pages. By default \addcolon\addspace.

5.2 Commands to use in the pages field

In the pages field, you can use \recto and \verso command when you speak of folios. Default value are r and v but you can change them.

5.3 Localization strings

Some specific localization strings are defined in the manucripts-xxx.lbx files. Read the biblatex handbook to know how to customize it.

5.4 Macros and field formats

The `manuscripts-shared.bbx` file defines bibmacros and field formats (read the biblatex handbook to know more about bibmacro and field format). We can't list all of them, but you can look on them to know how to customize more finely the manuscripts description.

6 Use with biblatex-realauthor

To use this package with the features of `biblatex-realauthor`, you must use the package `biblatex-multiple-dm`.

7 Change history

1.12.3   2017-11-26

Add compatibility with biblatex 3.8.

1.12.2   2017-01-31

Fix spurious space after citation of a manuscript.

1.12.1   2016-10-28

Move url after folio and columns data.

1.12.0   2016-10-23

New sorting schemes.

1.11.0   2016-09-21

Fix typographical bug when using both `layer` and `columns` fields without `pages` field.

1.10.1   2016-09-07

Use `\mkbibnamefamily` instead of `\mkbibnamelast` (biblatex 3.3 and later).

1.10.0   2016-06-07

Add error message to know more quickly break compatibility with new releases of biblatex.

1.8.0   2016-03-11

Fix compatibility with biblatex 3.3.

1.7.0   2016-02-10

Add italian translation.

1.6.2   2015-11-01

Fix missing line break before `scribe` or `owner` fields when `origin` field is empty.

1.6.1a   2015-05-06

Fix typo in handbook

Insert good version number in the `\ProvidesFile` commands.

1.6.1   2014-10-21

Add `\isdot` after each printing of the `dating` field, to allow to use abbreviations with a dot (like "c.") without adding a uppercase after. Consequently, `\isdot` is deleted from `\datingpagespunct`.

1.6.0   2014-10-16

Patching some bibmacros to prevent lost of manuscript descriptions when using op. cit abreviation.

1.5.0   2014-10-08

Formating of collection+shelfmark defined in a FielFormat.

Compatibility with `chicago-notes` styles.

1.4.0   2014-06-23

Compatibility with `biblatex-multiple-dm`. 6

1.3.0   2014-06-16

Add sorting description. 4.5

1.2.0   2014-04-07

Add `layer`. 3.2

1.1.1   2014-03-20

Delete `msnoautoshorthand` option and replace it by the `manuscripts-noautoshorthand` style. 4.1

1.1.0   2014-03-15

Add `msnoautoshorthand` option.

Add `shortcollection` field. 3.2

Add `withshorthand` and `withoutshorthand` bibcheck. 4.4

1.0.0   2014-01-20

First public release.