Loading multiple data models with biblatex

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Contents

1 Introduction

Datamodel in biblatex are conceived to be distributed as a part of citations and bibliographic styles[1]. However, sometime, the modification in datamodel is too tiny to need a new style, and can be easily integrated to standard biblatex styles. That is the case in the two projects *biblatex-realauthor* and *biblatex-manuscripts-philology*. Because of biblatex conception of datamodel distribution, it's not possible to load both datamodels of *biblatex-realauthor* and *biblatex-manuscripts-philology*.

This package *biblatex-multiple-dm* allows to load multiple datamodel without creating a full biblatex style.

2 Use

The package must be loaded before the biblatex package. It's loaded with two options:

tools which is a comma separated list of the datamodels to be loaded.

bibstyle which is the main bibstyle to be loaded.

For example:

```
\usepackage[tools={realauthor,manuscripts},bibstyle=verbose]{biblatex-multiple-dm}
```

After that, the biblatex package must be loaded with the bibstyle option equal to `multiple-dm`:

```
\usepackage[bibstyle=multiple-dm,citestyle=verbose-trad2]{biblatex}
```

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[1]See: https://github.com/plk/biblatex/issues/220#issuecomment-37761639.

3 For developers

If one developer wants to allow is "bibliography style" be compatible with `biblatex-multiple-dm`, he/she has just to try the existing of `\biblatexmultipledm@bibstyle` macro when loading primary bibstyle:

```
\ifdef{\biblatexmultipledm@bibstyle}
  {\RequireBibliographyStyle{\biblatexmultipledm@bibstyle}}
  {\RequireBibliographyStyle{verbose}}
```

4 Credits

This package was created for Maïeul Rouquette's phd dissertation[2] in 2014. It is licensed on the *LATEX Project Public License*[3]. It's freely inspired by a code of Oleg Domanov[4].

All issues can be submitted, in French or English, in the GitHub issues page[5].

5 Change history

1.0.1   2014-06-25

Show the correct file version with `\ProvidesFile`.

1.0.0   2014-06-25

First public release.

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[2] http://apocryphes.hypothese.org.

[3] http://latex-project.org/lppl/lppl-1-3c.html.

[4] http://tex.stackexchange.com/a/154568/7712.

[5] https://github.com/maieul/biblatex-multiple-dm/issues.