

biblatex



P. S. Langeslag

13 December 2018

An Overdue Note on Dashes

Description	Glyph	Source
Hyphen	-	-
En-dash	—	--
Em-dash	—	---

A Selection of Popular Citation Managers

Citavi

- ▶ Proprietary; commercial (free for small projects)
- ▶ Windows only (currently)
- ▶ Integration with Word; LibreOffice support discontinued
- ▶ Exports to BibTeX and biblatex

A Selection of Popular Citation Managers

Citavi

- ▶ Proprietary; commercial (free for small projects)
- ▶ Windows only (currently)
- ▶ Integration with Word; LibreOffice support discontinued
- ▶ Exports to BibTeX and biblatex

Endnote

- ▶ Proprietary; commercial
- ▶ Windows and Mac only
- ▶ Integration with Word, LibreOffice, OpenOffice
- ▶ Exports to BibTeX

A Selection of Popular Citation Managers

Zotero

- ▶ AGPL; free
- ▶ Cross-platform
- ▶ Integration with Word, LibreOffice, OpenOffice
- ▶ Exports to BibTeX and `biblatex`

BibTeX vs biblatex

BibTeX

- ▶ Relies on BibTeX's own BAFLL language to format references
- ▶ Only permits latin1 encoding

biblatex

- ▶ Relies on the L^AT_EX language to format references
- ▶ Relies on BibTeX or biber for sorting
- ▶ Allows utf8 encoding
- ▶ Permits multiple, subdivided bibliographies

Loading biblatex

```
\usepackage{polyglossia} % for localization
\usepackage[style=american]{csquotes} % for localization
\usepackage[style=authortitle-ibid]{biblatex}

\setdefaultlanguage{english} % for localization
\addbibresource{filename.bib}
```

Common Options

- ▶ backend=bibtex|bibtex8|biber (default: biber)
- ▶ style=filename (see manual §3.3)

Some Built-In Styles

- ▶ `authoryear`
- ▶ `authoryear-comp` (prints author only once)
- ▶ `authoryear-ibid`
- ▶ `authoryear-icom`
- ▶ `authortitle`
- ▶ `authortitle-comp`
- ▶ `authortitle-ibid`
- ▶ `authortitle-icom`
- ▶ `numeric`
- ▶ `verbose`

How to Use Common Styles

MLA

```
\usepackage[style=mla-new]{biblatex}
```

Chicago Manual of Style

```
\usepackage[notes]{biblatex-chicago}
```

% Or, for Harvard style:

```
\usepackage[authordate,backend=biber]{biblatex-chicago}
```

See `biblatex-mla.pdf` and especially `biblatex-chicago.pdf`.

A Book Entry

```
@book{fulk18a,  
  author = {R. D. Fulk},  
  title = {A Comparative Grammar of the Early Germanic  
    Languages},  
  series = {Studies in Germanic Linguistics},  
  number = {3},  
  location = {Amsterdam and Philadelphia},  
  publisher = {John Benjamins},  
  date = {2018},  
  doi = {https://doi.org/10.1075/sigl.3},  
  keywords = {reference, linguistics}  
}
```

An Article Entry

```
@article{git14aud,  
  author = {Helen Gittos},  
  title = {The Audience for Old English Texts},  
  subtitle = {Ælfric, Rhetoric and \mkbibquote{the  
    Edification of the Simple}},  
  shorttitle = {Audience},  
  journaltitle = {Anglo-Saxon England},  
  volume = {43},  
  date = {2014},  
  pages = {231--266}  
}
```

An Essay Entry

```
@inbook{wil05lfr, % cf. @incollection
  author = {Jonathan Wilcox},
  title = {Ælfric in Dorset and the Landscape of
    Pastoral Care},
  shorttitle = {Ælfric in Dorset},
  booktitle = {Pastoral Care in Late Anglo-Saxon England},
  editor = {Francesca Tinti},
  location = {Woodbridge},
  publisher = {Boydell},
  date = {2005},
  pages = {52--62}
}
```

A Website Entry

```
@online{ononline,  
  author = {Todd B. Krause and Jonathan Slocum},  
  title = {Old Norse Online},  
  url = {https://lrc.la.utexas.edu/eieol_toc/norol}  
  urldate = {2018-12-13}  
}
```

Breakage

Things That Will Fatally Break Your Bibliographical File

- ▶ Omitting a comma after a nonfinal field
- ▶ Omitting a curly brace

Things That Will Locally Break Your Bibliographical Entry

- ▶ Using a disallowed format for a given field
 - ▶ e.g. anything but YYYY* for date

Things That Won't Break Your .bib File

- ▶ A comma after a final field
- ▶ Your own choice of spacing and indentation
- ▶ Omitting a linebreak after a comma

The book Entry Type (Selective Fields)

- ▶ `author` and/or `editor`
- ▶ `title`
- ▶ `subtitle`
- ▶ `location`
- ▶ `publisher`
- ▶ `year` or `date`
- ▶ `introduction`
- ▶ `afterword`
- ▶ `series`
- ▶ `number`
- ▶ `volume`
- ▶ `volumes`
- ▶ `edition` (integer or literal)
- ▶ `url`

book Complications: Editors and Editor Types

```
@book{web07bib,  
  editor = {Robert Weber},  
  editora = {Roger Gryson},  
  editoratype = {reviser},  
  title = {Biblia sacra iuxta vulgatum versionem},  
  shorttitle = {Biblia sacra},  
  edition = {5},  
  location = {Stuttgart},  
  publisher = {Deutsche Bibelgesellschaft},  
  date = {2007},  
  langid = {latin},  
  keywords = {primary}  
}
```

Standard Editor Types

- ▶ editor
- ▶ compiler
- ▶ founder
- ▶ continuator
- ▶ redactor
- ▶ reviser
- ▶ collaborator
- ▶ organizer

book Complications: Reprints

```
@book{burgra69,  
  author = {Burke, Kenneth},  
  title = {A Grammar of Motives},  
  shorttitle = {Grammar},  
  origlocation = {London},  
  origpublisher = {Prentice-Hall},  
  origyear = {1945},  
  location = {Berkeley and Los Angeles},  
  publisher = {University of California Press},  
  year = {1969}  
}
```

The article Entry Type (Selective Fields)

- ▶ `author` or `editor`
- ▶ `title`
- ▶ `subtitle`
- ▶ `journaltitle`
- ▶ `year` or `date`
- ▶ `volume`
- ▶ `issue`
- ▶ `url`

The inbook Entry Type (Selective Fields)

- ▶ `author`
- ▶ `title`
- ▶ `subtitle`
- ▶ `booktitle`
- ▶ `editor`
- ▶ `location`
- ▶ `publisher`
- ▶ `series`
- ▶ `number`
- ▶ `year` or `date`
- ▶ `volumes`
- ▶ `url`

The online Entry Type (Selective Fields)

- ▶ `author`
- ▶ `title`
- ▶ `subtitle`
- ▶ `year` or `date`
- ▶ `url`
- ▶ `urldate`

Some Other Common Entry Types

- ▶ manual
- ▶ mvbook (multivolume book)
- ▶ bookinbook
- ▶ collection
- ▶ incollection
- ▶ misc
- ▶ proceedings
- ▶ inproceedings
- ▶ reference
- ▶ inreference
- ▶ mvreference
- ▶ report
- ▶ thesis
- ▶ unpublished

The author and editor Fields

- ▶ Can be in `Firstname Lastname` or `Lastname, Firstname` format, but subsequent names must be `Firstname Lastname`
- ▶ Separate multiple authors by “and”, no commas!
- ▶ How names with “‘von’ parts” are printed and sorted may be set globally using the `useprefix=true|false` option when loading the `biblatex` package
- ▶ Individual entries may depart from the global `useprefix` setting using the field options = `{useprefix=true|false}`
- ▶ `biblatex` also tries to handle “‘Jr’ parts”; enter these in a conventional format to help it do so
- ▶ Icelandic Names and other monoliths may be set off in braces:
`author = {{Svanhildur Óskarsdóttir} and Emily Lethbridge}`

The title Fields

- ▶ title (everywhere required)
- ▶ subtitle
- ▶ titleaddon (formatted differently from main title)
- ▶ shorttitle
- ▶ booktitle (required for inbook type)
- ▶ booksubtitle
- ▶ booktitleaddon
- ▶ maintitle (for a multivolume work)
- ▶ mainsubtitle (idem)
- ▶ journaltitle
- ▶ journalsubtitle
- ▶ issuetitle
- ▶ issuesubtitle
- ▶ (reprinttitle — not standard)

The year, month, and date Fields

year

Literal integer only; e.g. 2018.

month

Literal integer only; e.g. 6.

date

Recommended instead of the above. Permitted formats:

- ▶ 2018
- ▶ 2018-06
- ▶ 2018-06-20
- ▶ 2018-06-20T23:06:30
- ▶ 2018/
- ▶ /2018
- ▶ 2014/2018
- ▶ 2014-02/2018-06
- ▶ 2014-02-28/2018-06-20

The language and langid Fields

language

- ▶ Reproduced *in the citation text* to identify the work's main language
- ▶ May be a literal or a localization key

langid

- ▶ Indicates the language of the entry for localization and hyphenation (so e.g. capitalization is handled correctly!)
- ▶ Must be a localization key

Localization Keys (Selective)

- | | | |
|------------|-------------|----------------|
| ▶ american | ▶ dutch | ▶ norsk |
| ▶ british | ▶ french | ▶ nswissgerman |
| ▶ canadian | ▶ icelandic | ▶ nynorsk |
| ▶ danish | ▶ ngerman | ▶ swedish |

See further `biblatex.pdf`, Table 2.

Special Formatting (Selection)

- ▶ `\mkbibemph % \emph{italics}`
- ▶ `\mkbibquote % "quotation marks"`
- ▶ `\mkbibparens % (parentheses)`
- ▶ `\mkbibbrackets % [brackets]`
- ▶ `\mkbibordinal % nth`
- ▶ `\mkbibordedition % nth (edition)`
- ▶ `\mkbibacro % acronym`
- ▶ `\mkbibfootnote % footnote`

Special Formatting

```
@book{ful08beo,  
  editor = {R. D. Fulk and Robert E. Bjork and John D.  
    Niles},  
  title = {Klaeber's \mkbibquote{\, \mkbibquote{Beowulf  
    and \mkbibquote{The Fight at Finnsburg}}},  
  shorttitle = {Beowulf},  
  location = {Toronto},  
  publisher = {University of Toronto Press},  
  year = {2008},  
  keywords = {primary}  
}
```

- ▶ NB this example is not localization-independent!

Cross-Referencing

```
@book{gig99sim,  
  editor = {Gerd Gigerenzer and Peter M. Todd},  
  title = {Simple Heuristics That Make Us Smart},  
  location = {Oxford},  
  publisher = {Oxford University Press},  
  year = {1999}  
}
```

```
@inbook{gig99fas,  
  crossref = {gig99sim},  
  author = {Gerd Gigerenzer and Peter M. Todd},  
  title = {Fast and Frugal Heuristics},  
  subtitle = {The Adaptive Toolbox},  
  pages = {3--34}  
}
```

Or use `xref`, which, however, inherits no data from the parent entry.

Generating a Bibliography

Preamble

```
\addbibresource{filename.bib}
```

Document

```
\printbibliography[heading=References]
```

The bibliography prints only cited items.

Adding Noncited Entries to Your Bibliography

% Add noncited entries to the bibliography:

```
\nocite{label1}
```

```
\nocite{label2}
```

% Add all entries in scope:

```
\nocite{*}
```

```
\printbibliography
```

Using Keywords

```
\printbibliography[heading=Primary,keyword=primary]  
\printbibliography[heading=Secondary,keyword=secondary,  
keyword=reference]  
\printbibliography[heading=Reviews,notkeyword=primary,  
notkeyword=secondary]
```


Basic Citations

Citing a Single Source

```
\cite{label}
\cite[1--22]{label}
\cite[passim]{label}
\cite[cf.] [1--22]{label}
\cite[contrast] []{label}
\Cite{label} % capitalizes the "'von' part"
              % (there are analogous versions
              % of all citation commands)
```

Citing Multiple Sources

```
\cites [1--22] {source1} [54] {source2}
\cites [contrast] [] {str58dis} [and again] [] {gun00sea}
```

Parenthetical Citations

Citing a Single Source

```
\parencite[1--22]{label}
```

Citing Multiple Sources

```
\parencites[1--22]{source1}[54]{source2}
```

Footnote Citations

Citing a Single Source

```
\footcite[1--22]{label}
```

Citing Multiple Sources

```
\footcites[1--22]{source1}[54]{source2}
```

Automatic Citations

- ▶ Reads global settings to create footnote or parenthetical citations
- ▶ Actively avoids misplaced and duplicate punctuation
- ▶ Never use `\cite`, `\parencite`, or `\footcite` again!

Citing a Single Source

```
\autocite[1--22]{label}
```

Citing Multiple Sources

```
\autocites[1--22]{source1}[54]{source2}
```

Compiling biblatex Without vintex Using biber

```
xelatex --interaction=nonstop filename  
biber filename  
xelatex --interaction=nonstop filename
```

You may omit the `.tex` extension.

Bibliography

Fussner, David. *The biblatex-chicago Package: Style Files for biblatex*. January 16, 2018.

<https://ctan.org/pkg/biblatex-chicago>.

Lehman, Philipp. *The biblatex Package*. March 1, 2018.

<https://ctan.org/pkg/biblatex>.