



Ivan Valbusa

The  
**biblatex-philosophy**  
bundle

v1.9.8d – 2021/04/20

The serif typeface is Cochineal, created by Michael Sharpe on the basis of Sebastian Kosch's Crimson. The typewriter font is Inconsolata, designed by Raph Levien and the sans serif text is typeset in Linux Biolinum, created by Philipp H. Pol.

## Legalese

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## Feedback

If you have any questions, feedback or requests please email me at `ivan dot valbusa at gmail dot com`. If you need specific features not already implemented, remember to attach the example files.

# User's guide to biblatex-philosophy

## Bibliography styles for (Italian) users of biblatex

v1.9.8d – 2021/04/20

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### Abstract

This bundle provides a small collection of bibliography and citation styles for use with Philipp Lehman's biblatex package. The styles try to be language-independent but their prime aim is to match the needs of the Italian writers, particularly those concerned in the humanities. They offer useful features to compose detailed bibliographic entries including the translation data of foreign texts, annotations etc. Many options allow you to change the style defaults. Only the Italian, English, Spanish and French localizations are available for now but you can use the styles with all the languages supported by babel or polyglossia adding simple redefinitions.

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## A brief history

The first step toward the creation of the philosophy-modern style was the request of Lorenzo Pantieri in the G<sub>U</sub>I<sub>T</sub> Forum at <http://www.guit.sssup.it/phpbb/viewtopic.php?t=6472> (See the discussion on <http://www.guit.sssup.it/phpbb/viewtopic.php?t=6717>.) Now this is the bibliography style of *L’arte di scrivere con L<sup>A</sup>T<sub>E</sub>X*, the most popular Italian guide to L<sup>A</sup>T<sub>E</sub>X (Pantieri and Gordini 2019).

## Acknowledgments

I would like to thank all those who took part in the debate on G<sub>U</sub>I<sub>T</sub> website and the authors of the styles which inspired biblatex-philosophy, specifically: Dominik Waßenhoven (2016), James Clawson (2016) and Sander Gliboff (2010). Last but not least, a special thank to Philipp Lehman (2019) for his fundamental package and to current developers, Philip Kime, Audrey Boruvka and Joseph Wright.

## 1 Usage

The styles can be loaded as usual, but to ensure language-specific quotation marks you need babel (or polyglossia) and csquotes (see Braams 2020; Charette 2020; Lehman and Wright 2019). biber in place of Bib<sub>T</sub>E<sub>X</sub> is also required as backend bibliography processor (Kime and Charette 2019). The example below shows a typical code for an Italian document. Replace *<style>* with classic, modern or verbose, and *<bibfile>* with the name of your bibliography database (“*.bib*” must be declared). For other languages you can choose to use or not the Italian-style quotation marks provided by csquotes.

```
\usepackage[italian]{babel}
\usepackage[style=italian]{csquotes}
\usepackage[style=philosophy-<style>]{biblatex}
\addbibresource{<bibfile>.bib}
```

To uniform the style of quotation marks in multilingual bibliographies typeset using the autolang=other option, you can use the \DeclareQuoteAlias command. For example:

```
\DeclareQuoteAlias[italian]{german}
```

## 2 The styles

This bundle provides two author-year styles (philosophy-classic and philosophy-modern) and a verbose style (philosophy-verbose). The first simple and trivial characteristic of

this style is that they use commas instead of dots to separate the parts of the entry, according to the most common Italian tradition. But they do much more, of course. The other features, some of which are style-dependent, are described in the next sections and can be easily examined looking at the examples at the end of this documentation or typesetting the example files in the T<sub>E</sub>X Live folder `texmf-dist/doc/latex/biblatex-philosophy/examples.zip`.

Note that biblatex adopts by default a very rational criterion for the ordering of the list of names in multi-authors/editors entries. Only for the first author/editor the surname precedes the name while the other authors/editors are typeset in the form “Name Surname” (e.g. “Eco, Umberto and Gianni Vattimo”). The Italian (academic) writers often see this feature like a sort of inconsistency. Actually it is inconsistent to typeset all the authors in the form “Surname, Name” when this is useless.

## 2.1 The philosophy-classic style

The classic style is a standard author-year style associated to a compact citation scheme which allows to cite multiple entries of the same author and/or published in the same year, omitting some redundant informations. It is based on `authoryear-comp`:

Knuth (1984, 1986a,b,c,d)

A classic bibliography is shown below. You can change indentation, horizontal and vertical space between entries and between blocks or groups of entries. The dash can be replaced by the author’s label via the `dashed=false` option and you can have brackets in place of parentheses as well. See the biblatex documentation and section 7.3.

### The philosophy-classic bibliography

Donald E. Knuth (1984-1986), *Computers & Typesetting*, 5 vols., Addison-Wesley.  
 — (1984) *Computers & Typesetting*, vol. A: *The T<sub>E</sub>Xbook*, Addison-Wesley.  
 — (1986a) *Computers & Typesetting*, vol. B: *T<sub>E</sub>X: The Program*, Addison-Wesley.  
 — (1986b) *Computers & Typesetting*, vol. C: *The METAFONTbook*, Addison-Wesley.  
 — (1986c) *Computers & Typesetting*, vol. D: *METAFONT: The Program*, Addison-Wesley.  
 — (1986d) *Computers & Typesetting*, vol. E: *Computer Modern Typefaces*, Addison-Wesley.

## 2.2 The philosophy-modern style

The modern style uses the “classic” citation scheme but produces a fancy bibliography divided into blocks, which is particularly suited for bibliographies with many entries for the same author. This kind of structure is adopted by many Italian publisher, for example Einaudi, and it is particularly loved by Umberto Eco, who recommends it in his Italian bestseller (Eco 1977). You can change the distance between year and title and, of course, all the common features with the classic style. Here is an example of a modern bibliography:

### The philosophy-modern bibliography

Knuth, Donald E.  
 1984 *Computers & Typesetting*, vol. A: *The T<sub>E</sub>Xbook*, Addison-Wesley.

- 1986a *Computers & Typesetting*, vol. B: *T<sub>E</sub>X: The Program*, Addison-Wesley.
- 1986b *Computers & Typesetting*, vol. C: *The METAFONTbook*, Addison-Wesley.
- 1986c *Computers & Typesetting*, vol. D: *METAFONT: The Program*, Addison-Wesley.

Nietzsche, Friedrich

- 1988a *Sämtliche Werke. Kritische Studienausgabe*, ed. by Giorgio Colli and Mazzino Montinari, 2nd ed., 15 vols., Deutscher Taschenbuch-Verlag and Walter de Gruyter, München, Berlin, and New York.
- 1988b *Sämtliche Werke. Kritische Studienausgabe*, vol. 1: *Die Geburt der Tragödie. Unzeitgemäße Betrachtungen I-IV. Nachgelassene Schriften 1870-1973*, ed. by Giorgio Colli and Mazzino Montinari, 2nd ed., Deutscher Taschenbuch-Verlag and Walter de Gruyter, München, Berlin, and New York.
- 1988c “Unzeitgemäße Betrachtungen. Zweites Stück. Vom Nutzen und Nachtheil der Historie für das Leben”, in *Sämtliche Werke. Kritische Studienausgabe*, vol. 1: *Die Geburt der Tragödie. Unzeitgemäße Betrachtungen I-IV. Nachgelassene Schriften 1870-1973*, ed. by Giorgio Colli and Mazzino Montinari, Deutscher Taschenbuch-Verlag and Walter de Gruyter, München, Berlin, and New York, p. 243-334.

Van Gennep, Arnold

- 1909a *Les rites de passage*, Nourry, Paris.
- 1909b *Les rites de passage*, Nourry, Paris; trans. by Monika B. Vizedom and Gabrielle L. Caffee as *The Rites of Passage* (University of Chicago Press, 1960).
- 1960 *The Rites of Passage*, trans. from the French by Monika B. Vizedom and Gabrielle L. Caffee, University of Chicago Press.

## 2.3 The philosophy-verbose style

This style is aimed for citations given in the footnotes and follows the most popular scheme used in the Italian humanities. It prints a full citation similar to a bibliography entry when an item is cited for the first time, and a short citation afterwards, using the title (possibly shortened in the shorttitle field), followed by the string “cit.”. Citing the same entry two times, in the second one the string “Ivi” (“Ibid.” for English and French documents) is used; citing the same place of the previous citation you will have “Ibidem” (“Ibid.” for English and French documents):

### Italian philosophy-verbose citation scheme

- <sup>1</sup> Arthur Hyman (1981), “Aristotle’s Theory of the Intellect and its Interpretation by Averroes”, in *Studies in Aristotle*, ed. by Dominic J. O’Meara, Studies in Philosophy and the History of Philosophy, 9, The Catholic University of America Press, Washington, D.C., pp. 161-191, p. 43.
- <sup>2</sup> Ivi, p. 26.
- <sup>3</sup> Ibidem.
- <sup>4</sup> Martin Heidegger (2001), *Sein und Zeit*, 18th ed., Max Niemeyer Verlag, Tübingen. Originally published in 1927 in the *Jahrbuch für Philosophie und phänomenologische Forschung* (vol. VIII), directed by H. Husserl.

<sup>5</sup> Hyman, «Aristotle’s Theory of the Intellect» cit, p. 179.

### English philosophy-verbose citation scheme

<sup>1</sup> Jules-Henri Poincaré (1968), *La science et l’hypothèse*, Flammarion, Paris; trans. *La scienza e l’ipotesi*, ed. by Corrado Sinigaglia, testo greco a fronte, Bompiani, Milano 2003, p. 43.

<sup>2</sup> Ibid., p. 26.

<sup>3</sup> Ibid.

<sup>4</sup> Martin Heidegger (2001), *Sein und Zeit*, 18th ed., Max Niemeyer Verlag, Tübingen. Originally published in 1927 in the *Jahrbuch für Philosophie und phänomenologische Forschung* (vol. VIII), directed by H. Husserl.

<sup>5</sup> Poincaré, *La science et l’hypothèse* cit., p. 35.

When there is only one entry for the same author, with the `singletitle=true` option the string “op. cit.” is used instead of the (short) title followed by “cit.”:

<sup>6</sup> Heidegger, op. cit., p. 35.

All the scholarly abbreviations (*latinities*) but “cit.” are printed by default in normal font. With the `latinemph` option you can get them in italic shape (section 6.4).

A verbose bibliography is similar to a classic bibliography but with the year placed at the end of the entry:

### The philosophy-verbose bibliography

Donald E. Knuth, *Computers & Typesetting*, 5 vols., Addison-Wesley, 1984-1986.

— *Computers & Typesetting*, vol. A: *The T<sub>E</sub>Xbook*, Addison-Wesley, 1984.

— *Computers & Typesetting*, vol. B: *T<sub>E</sub>X: The Program*, Addison-Wesley, 1986.

— *Computers & Typesetting*, vol. C: *The METAFONTbook*, Addison-Wesley, 1986.

— *Computers & Typesetting*, vol. D: *METAFONT: The Program*, Addison-Wesley, 1986.

— *Computers & Typesetting*, vol. E: *Computer Modern Typefaces*, Addison-Wesley, 1986.

## 3 Specialities

### 3.1 Related entries

The `philosophy` styles use the mechanism provided by the `related` field to typeset complex entries comprising both the original publication data and the translation data (see Poincaré 1968). The related entry is preceded by the `translationas` string which defaults to “trad. it.”, “trans.”, “trad. es.” and “trad.” for Italian, English, Spanish and French documents, respectively. If you want to change it, use the `relatedstring` field, like in Popper (1934) which shows, among others, an entry with cascading relations.

Jules-Henri Poincaré (1968), *La science et l'hypothèse*, Flammarion, Paris; trans. *La scienza e l'ipotesi*, ed. by Corrado Sinigaglia, testo greco a fronte, Bompiani, Milano 2003.

```
@book{Poincare:1968-ORIG,  
  author    = {Jules-Henri Poincaré},  
  title     = {La science et l'hypothèse},  
  publisher = {Flammarion},  
  location  = {Paris},  
  date      = {1968},  
  related   = {Poincare:1968-ITA}}
```

```
@book{Poincare:1968-ITA,  
  author    = {Jules-Henri Poincaré},  
  editor    = {Corrado Sinigaglia},  
  title     = {La scienza e l'ipotesi},  
  publisher = {Bompiani},  
  location  = {Milano}}
```

Karl R. Popper (1934), *Logik der Forschung*, Springer, Wien; trans. *The Logic of Scientific Discovery*, 3rd ed., Hutchinson, London 1959; it. trans. *Logica della scoperta scientifica*, 3rd ed., Einaudi, Torino 1998.

```
@book{popper-logik,  
  title     = {Logik der Forschung},  
  publisher = {Springer},  
  author    = {Karl R. Popper},  
  date      = {1934},  
  location  = {Wien},  
  related   = {popper-logik:ing}}
```

```
@book{popper-logik:ing,  
  title      = {The Logic of Scientific Discovery},  
  publisher  = {Hutchinson},  
  author     = {Karl R. Popper},  
  edition    = {3},  
  date       = {1959},  
  location   = {London},  
  related    = {popper-logik:ita},  
  relatedstring={it\adddotsspace trans\adddot}}
```

```
@book{popper-logik:ita,  
  title      = {Logica della scoperta scientifica},  
  publisher  = {Einaudi},  
  author     = {Karl R. Popper},  
  edition    = {3},  
  date       = {1998},  
  location   = {Torino}}
```



### 3.2 Cross references

The philosophy styles allow you to manage entries referring to other entries via the `crossref` field. This is very useful when you have to cite two or more `@incollection` of the same `@collection` (see Chatelain and Slusser 2000; Westfahl 2000a). In this way the `@collection` is printed in the bibliography and it is cross-referenced inside the `@incollection`, using the corresponding author-year label (the mechanism is the same for `@inbook` items).

Westfahl, Gary (2000b), «The True Frontier. Confronting and Avoiding the Realities of Space in American Science Fiction Films», in Westfahl (2000a), p. 55-65.

Chatelain, Daniele e George Slusser (2000), «Flying to the Moon in French and American Science Fiction», in Westfahl (2000a), p. 25-33.

Westfahl, Gary (a cura di) (2000a), *Space and Beyond. The Frontier Theme in Science Fiction*, Greenwood, Westport, Conn. e London.

```
@collection{westfahl:frontier,
  editor      = {Westfahl, Gary},
  title       = {Space and Beyond},
  date        = {2000},
  subtitle    = {The Frontier Theme in Science Fiction},
  publisher   = {Greenwood},
  location    = {Westport, Conn. and London},
  booktitle   = {Space and Beyond},
  booksubtitle = {The Frontier Theme in Science Fiction}}

@incollection{westfahl:flying,
  author      = {Daniele Chatelain and George Slusser},
  title       = {Flying to the Moon in French and American Science Fiction},
  pages       = {25-33},
  crossref    = {westfahl:frontier}}

@incollection{westfahl:space,
  author      = {Westfahl, Gary},
  title       = {The True Frontier},
  subtitle    = {Confronting and Avoiding the Realities of Space in {American}
  Science Fiction Films},
  pages       = {55-65},
  crossref    = {westfahl:frontier}}
```

When you have to cite *only one* `@incollection` of a single `@collection` you have three choices.

1. Use the `crossref` field (see Termini 2007). In this case all the `@collection` data are automatically printed inside the `@incollection` entry:

Settimo Termini (2007), “Vita morte e miracoli di Alan Mathison Turing”, in *Vite matem-*

*atiche. Protagonisti del '900 da Hilbert a Wiles*, ed. by Claudio Bartocci et al., Springer-Verlag Italia, Milano.

```
@incollection{Termini:2007,
  author    = {Settimo Termini},
  title     = {Vita morte e miracoli di Alan Mathison Turing},
  crossref  = {Bartocci:2007}}

@collection{Bartocci:2007,
  title      = {Vite matematiche},
  booktitle  = {Vite matematiche},
  booksubtitle = {Protagonisti del '900 da Hilbert a Wiles},
  editor     = {Claudio Bartocci and Renato Betti and Angelo Guerraggio and
  Roberto Lucchetti},
  publisher  = {Springer-Verlag Italia},
  location   = {Milano},
  date       = {2007}}
```

2. Put the @collection data in the fields of the @incollection entry (see Hyman 1981). In this case the @incollection is self-contained:

Arthur Hyman (1981), “Aristotle’s Theory of the Intellect and its Interpretation by Averroes”, in *Studies in Aristotle*, ed. by Dominic J. O’Meara, Studies in Philosophy and the History of Philosophy, 9, The Catholic University of America Press, Washington, D.C., pp. 161-191.

```
@incollection{hyman,
  author    = {Arthur Hyman},
  editor    = {O’Meara, Dominic J.},
  title     = {Aristotle’s Theory of the Intellect and its Interpretation by
  {Averroes}},
  date      = {1981},
  booktitle = {Studies in {Aristotle}},
  series    = {Studies in Philosophy and the History of Philosophy},
  number    = {9},
  publisher = {The Catholic University of America Press},
  location  = {Washington, D.C.},
  pages     = {161-191}}
```

3. Put the @collection data in the fields of the @incollection entry and put the @collection label in the xref field of the @incollection (see Kant 1968b [henceforth cited as KpV]; Kant 1968d):

Immanuel Kant (1968a), *Kants Werke. Akademie Textausgabe*, 9 vols., Walter de Gruyter, Berlin.  
— (1968b), *Kritik der praktischen Vernunft*, in Kant (1968a), vol. 5, p. 1-163.

— (1968c), *Kritik der Urtheilskraft*, in Kant (1968a), vol. 5, p. 165-485.

```
@bookinbook{kant:kpV:xref,  
  author      = {Kant, Immanuel},  
  title       = {Kritik der praktischen Vernunft},  
  shorttitle  = {Kritik der praktischen Vernunft},  
  volume      = {5},  
  pages       = {1-163},  
  date        = {1968},  
  xref        = {kant:werke}}  
  
@bookinbook{kant:ku:xref,  
  author      = {Kant, Immanuel},  
  title       = {Kritik der Urtheilskraft},  
  volume      = {5},  
  pages       = {165-485},  
  date        = {1968},  
  xref        = {kant:werke}}  
  
@mvbook{kant:werke,  
  author      = {Kant, Immanuel},  
  title       = {Kants Werke. Akademie Textausgabe},  
  maintitle   = {Kants Werke. Akademie Textausgabe},  
  booktitle   = {Kants Werke. Akademie Textausgabe},  
  volumes     = {9},  
  publisher   = {Walter de Gruyter},  
  location    = {Berlin},  
  date        = {1968}}
```

With the verbose style, when citing @incollections entries, the data of the @collection are printed entirely in the first citation and shortened afterwards. Anyway in the final bibliography the @incollection is always complete of all the informations about the corresponding @collection.

### 3.3 Classical works

The treatment of classical works (a fuzzy concept) and other writings with uncertain or omitted date is not particularly difficult if you use the verbose style, but with the classic and modern styles some difficulties inevitably impose clear choices.

If a critical edition (or similar) exists you should cite it directly, such as Heidegger (2001). If you do not like this “anachronistic” label you may use the shorthand field, such as KpV. Note that a “shorthand intro” is automatically printed when the entry is cited for the first time (see p. 10) and omitted afterwards. To turn off this feature load the option `shorthandintro=false`. Of course in this case you will need a list of shorthands. If you do not like these solutions you can use the `entrysubtype` or the `\sdcite` command in order to get an author-title citation, such as Aristotle, *Nich. Ethics* (see sections 4 and 5).



Anyway remember that every citation label is *merely* a label and it does not affect in any way the object or the subject it refers to. The label “Plato 1978” simply means “the entry in

the bibliography which is alphabetized under the name ‘Plato’ and the year ‘1978’”. All the information about the *object* (in this case a book or a collection of writings) will be retrieved in the bibliography entry.

## 4 New fields

**nameaddon** field (literal)

An addon to be printed immediately after the author name in the bibliography. It is useful for those author known with alias, Latinized names, etc. For example Komensky (1969):

Komensky, Jan Amos [Comenius] (1969), *Opera Omnia*, Praga.

```
@mvbook{comenio:oo,  
  author    = {Jan Amos Komensky},  
  nameaddon = {Comenius},  
  title     = {Opera Omnia}  
  location  = {Praga},  
  date      = {1969}}
```

**entrysubtype** field (literal) [philosophy-classic and philosophy-modern only]

With the classic value the citation commands will produce an author-title label. This is useful for citing works from classical antiquity.

This topic is examined in Aristotle, *Nich. Ethics* and in Rogers (2015).

```
@book{aristotle:ethics,  
  entrysubtype = {classic},  
  author       = {Aristotle},  
  title        = {Nichomachean Ethics},  
  ...  
}
```

In the bibliography the entry is printed with the author-year label, but with the skipbib option in the options field you can exclude it from the bibliography.

**library** field (literal)

This field is printed at the end of the entry, in a new period. It is aimed for secondary informations such as the location of the texts, historical notes, etc. For example Heidegger (2001):

Heidegger, Martin (2001), *Sein und Zeit*, 18th ed., Max Niemeyer Verlag, Tübingen.  
Originally published in 1927 in the *Jahrbuch für Philosophie und phänomenologische Forschung* (vol. VIII), directed by H. Husserl.

```
@book{heidegger:sz,
  author    = {Martin Heidegger},
  title     = {Sein und Zeit},
  edition   = {18},
  publisher = {Max Niemeyer Verlag},
  location  = {Tübingen},
  date      = {2001},
  library   = {Originally published in 1927 in the \emph{Jahrbuch
für Philosophie und phänomenologische Forschung (vol. VIII)},
directed by H. Husserl}}
```

**annotation** field (literal)

This field is printed in a new paragraph at the very end of the entry. It requires the `annotation` option. The default font can be changed redefining the `\annotationfont` command (section 7):

```
Philipp Lehman [with Philip Kime and Moritz Wemheuer] (2019), The biblatex Package.
Programmable Bibliographies and Citations, version 3.14, Dec. 1, 2019, http://mirrors.ctan.org/macros/latex/contrib/biblatex/doc/biblatex.pdf.
This package provides advanced bibliographic facilities for use with LATEX. The
package is a complete reimplementaion of the bibliographic facilities provided by
LATEX. The biblatex package works with the “backend” (program) biber, which is
used to process BibTEX format data files and them performs all sorting, label generation
(and a great deal more).
```

```
@online{lehman:biblatex,
  author    = {Philipp Lehman},
  title     = {The \texttt{biblatex} Package},
  subtitle  = {Programmable Bibliographies and Citations},
  version   = {3.7},
  date      = {2016-11-16},
  annotation = {This package provides advanced bibliographic facilities
for use with \LaTeX. The package is a complete reimplementaion
of the bibliographic facilities provided by \LaTeX. The
\texttt{biblatex} package works with the “backend” (program)
\texttt{biber}, which is used to process \textsc{Bib}\TeX{} format data
files and them performs all sorting, label generation (and
a great deal more).}}
```

## 5 New citation commands

`\sdcite{<key>}` [philosophy-classic and philosophy-modern only]

Uses an author-title label instead of an author-year label. It is useful for some classical or undated works. Anyway you should prefer the `entrysubtype=classic` field (see above).

See Guzmán de Rojas, *Problemática* and Rogers (2015) for details.

`\footcitet{<key>}` [philosophy-classic and philosophy-modern only]

Same as `\footcite` but with the `\textcite` style.<sup>b</sup>

Medicine is an art<sup>a</sup> but it is also a science.<sup>b</sup>

<sup>a</sup>Garlik 1978, p. 13.

<sup>b</sup>Garlik (1978, p. 13)

`\ccite{<key>}` [philosophy-verbose only]

The same as `\cite`, but omits the author's (editor's) name (defined only for the verbose style). Here is an example:

The topic is discussed in P. Rossi, *History of Types*, La TeXnica, Verona 2007 and in the recent *Types of History*, Typographica, Milano 2008.

The topic is discussed in `\cite{Rossi:2007}` and in the recent `\ccite{Rossi:2008}`.

## 6 New options

### 6.1 Global

`relatedformat` = semicolon | parens | brackets default: semicolon

`semicolon` The “related” entry is preceded by a semicolon.

Poincaré, Jules-Henri (1968), *La science et l'hypothèse*, Paris, Flammarion; trad. it. *La scienza e l'ipotesi*, Bompiani, 2003.

`parens` Puts the “related” entry in parentheses.

Poincaré, Jules-Henri (1968), *La science et l'hypothèse*, Paris, Flammarion (trad. it. *La scienza e l'ipotesi*, Bompiani, 2003).

`brackets` Same as the previous option but with brackets.

Poincaré, Jules-Henri (1968), *La science et l'hypothèse*, Paris, Flammarion [trad. it. *La scienza e l'ipotesi*, Bompiani, 2003].

`publocformat` = publocyear | locpubyear | loccolonpub default: publocyear

This option provides three styles for typesetting the “publisher/location/date” block. It is active also for the related entry and for the `orig-` fields (section 8.1).



**bibcitefn** Small caps only for the names at the beginning of the entry both in bibliography and citations inside footnotes.

**all** Small caps for *all* the names both in bibliography and citations.

**lowscauthors** = true, false default: false

Prints the initials of the names in lowercase small capitals.

DONALD E. KNUTH OR DONALD E. KNUTH.

**shorthandintro** = true, false default: true

Prints a language-specific expression such as “henceforth cited as *<shorthand>*” to introduce shorthands on the first citation.

Kant (1968a [*henceforth cited as KpV*]).

You can overwrite the default expression using the **shorthandintro**. Note that the alternative expression must include the shorthand. Obviously, if you do not use an intro to the shorthands you will need a list of shorthands (**\printshorthand** command).

**inbeforejournal** = true, false default: false

Prints the string “in” before the **journaltitle** in the **@article** entries.

Doody, Terrence (1974), “Hemingway’s Style and Jake’s Narration”, *in The Journal of Narrative Technique*, 4, 3, p. 212-225.

**classical** = true, false default: false [Only for Italian documents]

It requires **babel** or **polyglossia**. If true it doubles the last consonant of the abbreviations such as “p.”, “vol.”, “col.”, etc., when used in the plural form. For example you will have “p.” for “page” and “pp.” for “pages”. This habit is very common in Italian writings even if it remains useless.

Chatelain, Daniele e George Slusser (2000), «Flying to the Moon in French and American Science Fiction», in Westfahl (2000a), *pp.* 25-33.

**library** = true, false default: true

Shows the **library** field, both in the bibliography and in the citations (see also section 4).

**annotation** = true, false default: false

Shows the **annotation** field only in the bibliography (see also section 4). This option can be given globally or on a per-bibliography basis.



```
\printbibliography[annotation=true]
```

## 6.2 Options for philosophy-classic and philosophy-modern

`latinemph` = true, false default: false

Prints the *latinitas* “et al.” (*et alii*) in italic shape.

`square` = true, false default: false

Uses brackets instead of parentheses in the citations and in the author-year label used in the bibliography.

`nodate` = true, false default: true

Prints the nodate string (localized) when year or date is missing. You can set this option globally in the package options or in the optional argument of `\printbibliography`.

## 6.3 Options for philosophy-modern

`yearleft` = true, false default: false

Prints the date flushed left in the bibliography.

`restoreclassic` = true, false default: true

This option can be given in the optional argument of `\printbibliography`. It restores the classic style within a document typeset using the modern style. It is useful to compose a “Web List” like that at the end of this document. For example:

```
\printbibliography[restoreclassic,type=online]
```

## 6.4 Options for philosophy-verbose

`latinemph` = true, false default: false

Prints the *latinitates* “ivi”, “ibidem” and “et al.” in italic shape.

`commacit` = true, false default: false

Adds a comma at the end of the `shorttitle` field when this is followed by the string “cit.”:

```
“Descartes, Discours de la méthode, cit.”.
```

# 7 Customizations

Here we introduce the new commands and lengths provided by `biblatex-philosophy`. The `biblatex` package offers other commands, lengths and options to modify many aspects of citations and bibliography. See the `biblatex` documentation for details.

## 7.1 Fonts

`\annotationfont`

default: `\footnotesize`

The font of the annotation field. It can be redefined with:

```
\renewcommand*{\annotationfont}{\normalsize\sffamily}
```

`\libraryfont`

default: `\normalfont`

The font of the library field. It can be redefined with:

```
\renewcommand*{\libraryfont}{\sffamily}
```

## 7.2 Punctuation

`\volnumpunct`

default: `\addcomma\space`

The separator between volume and number in @article entries. It can be redefined with:

```
\renewcommand*{\volnumpunct}{/}
```

Combining this with the `volnumformat` and `volumeformat` options you can get other styles for volume and number. For example:

```
... Journal Title, 5/8, ...  
... Journal Title, V/8, ...  
... Journal Title (5/8), ...  
... Journal Title (V/8), ...
```

`\editorstrgdelim`

default: `\addspace`

The separator to be printed after the strings `editorstrg`, `authorstrg` and `translatorstrg`, which are enclosed in parentheses by default. If you want omit the parentheses you should also change it as follows:

```
\renewcommand*{\editorstrgdelim}{\addcomma\space}  
\DeclareFieldFormat{editortype}{#1}% no parentheses
```

## 7.3 Lengths

These lengths are (re)defined only for the modern style. It introduces two new lengths:

`\postnamesep` The space between author (or editor) and the first entry relating to him.

`\yeartitle` The space between year and title.

It also redefines the following biblatex lengths:

`\bibnamesep` The vertical space between two blocks of authors.

`\bibitemsep` The vertical space between the individual entries in the bibliography.

**\bibhang** The hanging indentation of the bibliography.

These are the default values for the lengths used by the modern style. You can change them according to your specific needs.

```
\setlength{\yeartitle}{0.8em}
\setlength{\postnamesep}{0.5ex plus 2pt minus 1pt}
\setlength{\bibitemsep}{\postnamesep}
\setlength{\bibnamesep}{1.5ex plus 2pt minus 1pt}
\setlength{\bibhang}{4\parindent}
```

## 7.4 Using the styles with other languages

The languages currently supported by this bundle are Italian, English, Spanish and French. In order to use the styles with different languages, you have first of all to declare the new op cited string introduced by biblatex-philosophy. You can then test the styles and if the default strings provided in the localization module does not match your needs you can redefine them.

Here is a sample code for using the styles in German documents. Note that we first declare the new string op cited, then we define it and inherit the German default strings from german.lbx. The other strings (translationas, ibidem, loccit, ...) may be redefined if the default ones are not satisfying. For example you may prefer “deut. Übers” to the default “Übers unter dem Titel”. Another approach is to use the \DeclareLanguageMapping command. See the documentation of the biblatex package for details (Lehman 2019).

```
\NewBibliographyString{opcited}
\DefineBibliographyStrings{german}{%
  inherit      = {german},
  opcited      = {op\adddotspace cit\adddot},
  translationas = {deut\adddotspace \textit{Übers}\adddot},
  ...other strings...
}
```

The French default localization module redefines, among others, the \mkbibnamefamily command in order to get the family name in small caps. We do not like this approach because an author could use a localization module without adhering to the typographical standards which should be independent from the linguistic standards. For this reason we have reset it to the default definition. If you prefer the french.lbx choice, use this code:

```
\DefineBibliographyExtras{french}{%
  \protected\def\mkbibnamefamily#1{%
    \textsc{\textnohyphenation{#1}}}%
}
```

The philosophy styles redefine the \bibrangedash and \bibdaterangesep commands in order to get a simple dash (-) instead of an en dash (–), in the page and date ranges. If you prefer the en dash use the following code for all the languages loaded by babel or polyglossia:

```
\DefineBibliographyExtras{<langid>}{%
  \protected\def\bibrangedash{%
    \textendash\penalty\hyphenpenalty}%
  \protected\def\bibdaterangesep{\bibrangedash}}%
```

## 8 Backward compatibility

Previous versions of the styles provided a different mechanism to manage entries comprising both the original publication data and the translation data. This feature is now deprecated and it is still supported only for backward compatibility. This mechanism uses some special fields and provides specific options.

### 8.1 Deprecated fields

The following fields can hold the translation or the original edition data. They are preceded by the string “trans.” or “orig. ed.”, respectively according to the `origfields=trans` (default) or `origfields=origed` option (see below). Note that the `origdate/transdate` field is needed in order to print these fields. Contrarily they will be ignored.

`origtitle` field (literal)

`transtitle` field (literal)

The title of the translation/original edition.

`origpublisher` field (list)

`transpublisher` field (list)

The publisher of the translation/original edition.

`origlocation` field (list)

`translocation` field (list)

The location of the translation/original edition.

`origdate` field (range)

`transdate` field (range)

The publication date of the translation/original edition.

`reprinttitle` field (literal)

The title of a reprint of the work.

`usera` field (literal)

`origbooktitle` field (literal)

`transbooktitle` field (literal)

The title of the `@collection/@book/@mvbook` in which the translation/original edition of an `@article/@inbook/@incollection` is published.

The field is printed after the `origtitle/transtitle` fields.

`userb` field (literal)  
`orignote` field (literal)  
`transnote` field (literal)

This field is printed after the `origtitle`/`transtitle`. It is meant for secondary informations about the translation/original edition, such as the name of editors, translators, etc.

`userc` field (literal)  
`origpages` field (literal)  
`transpages` field (literal)

This field is printed at the end of the entry, after the `origdate`/`transdate` field. It is meant for the page range of the translation/original edition or other useful informations. In the first case, string “p.” is omitted.

## 8.2 Deprecated options

`origfields` = `trans` | `none` | `edorig` default: `trans`

`true` Prints the `orig-` fields.

`none` Omits the `orig-` fields.

`origed` This option cites the translation data first and adds the original publication data at the end of the entry, preceded by the string “orig. ed” (or “ed. orig.” for Italian documents).

`origed` = `true`, `false` default: `true`

Same as the previous but can be set on a per-entry basis in the `options` field.

`origfieldsformat` = `semicolon` | `parens` | `brackets` default: `semicolon`

Use the `relatedformat` option instead.

`semicolon` The translation/original publication data are preceded by a semicolon.

`parens` Puts the translation or the original publication data in parentheses.

`brackets` Same as the previous option, but with brackets instead of parentheses.

`scauthorsbib` = `true`, `false` default: `false`

Same as `scauthors=bib`.

`scauthorscite` = `true`, `false` default: `false`

Same as `scauthors=cite`.

`scauthors` = `true`, `false` default: `false`

Same as `scauthors=bibcite`.

## 9 Known issues

The `parskip` package redefines `\parindent` and sets it to 0 pt by default. This conflicts with the `philosophy-modern` style, which uses this length for the left indentation of bibliographic entries. In such a case, remember to select the correct value of `\bibhang`, which is set to `4\parindent` by default (see section 7.3).

## Examples

### Shorthands

- KpV Immanuel Kant, *Kritik der praktischen Vernunft*, in KW, vol. 5, 1968, pp. 1-163.
- KpV Immanuel Kant, “Kritik der praktischen Vernunft”, in, *Kants Werke. Akademie Textausgabe*, vol. 5: *Kritik der praktischen Vernunft. Kritik der Urtheilskraft*, Walter de Gruyter, Berlin 1968, pp. 1-163.
- KU Immanuel Kant, “Kritik der Urtheilskraft”, in, *Kants Werke. Akademie Textausgabe*, vol. 5: *Kritik der praktischen Vernunft. Kritik der Urtheilskraft*, Walter de Gruyter, Berlin 1968, pp. 165-485.
- KW Immanuel Kant, *Kants Werke. Akademie Textausgabe*, 9 vols., Walter de Gruyter, Berlin 1968.

### A Web List

Here we have a list of Web sites typeset in the classic style through the `restoreclassic` option. Only the `@online` entries are printed and the annotation is omitted via the contextual option `annotation=false`.

G<sub>U</sub>T. Gruppo degli Utilizzatori Italiani di T<sub>E</sub>X (2012), <http://www.guitex.org> (visited on 01/15/2012).

CTAN (2006), CTAN. *The Comprehensive TeX Archive Network*, <http://www.ctan.org> (visited on 10/01/2006).

### Philosophy examples

The source of this bibliography, typeset in the modern style, is the `biblatex-philosophy.bib` database, distributed with the `biblatex-philosophy` package. It is provided for checking all the style-specific features. This list should not highlight any bugs.

Aristotle

- 1872 *Nichomachean Ethics*, trans. by F. M. F. A. Paley, J. Hall & Son, London.

A `@book` entry with a `translator` field. Note also the `entrysubtype` field which is set to `classic`.

Guzmán de Rojas, Iván

- s.d. *Problemática logico-lingüística de la comunicación social con el pueblo Aymara*, mimeo, Con los auspicios del Centro internacional de Investigaciones para el Desarrollo de Canada.

A work without a publication date. The string `nodate` (localized) is automatically printed.

Heidegger, Martin

- 2001 *Sein und Zeit*, 18th ed., Max Niemeyer Verlag, Tübingen. Originally published in 1927 in the *Jahrbuch für Philosophie und phänomenologische Forschung* (vol. VIII), directed by H. Husserl.

Note the library field, use for some details about the first edition.

Kant, Immanuel

- 1968a *Kants Werke. Akademie Textausgabe*, 9 vols., Walter de Gruyter, Berlin.  
1968b *Kritik der praktischen Vernunft*, in Kant (1968a), vol. 5, pp. 1-163.  
A single volume from the critical edition of Kant's (*Kants Werke*). Note the xref field.  
1968d *Kritik der Urtheilskraft*, in Kant (1968a), vol. 5, pp. 165-485.  
A single volume from the critical edition of Kant's (*Kants Werke*). Note the xref field.

Komensky, Jan Amos [Comenius]

- 1969 *Opera Omnia*, Praga.

This author is known with his Latin name, given in the nameaddon field.

Poincaré, Jules-Henri

- 1968 *La science et l'hypothèse*, Flammarion, Paris; trans. *La scienza e l'ipotesi*, ed. by Corrado Sinigaglia, testo greco a fronte, Bompiani, Milano 2003.  
A @book entry followed by its translation, cross-referenced in the related field.

Popper, Karl R.

- 1934 *Logik der Forschung*, Springer, Wien; trans. *The Logic of Scientific Discovery*, 3rd ed., Hutchinson, London 1959; it. trans. *Logica della scoperta scientifica*, 3rd ed., Einaudi, Torino 1998.  
A @book entry followed by two different translations, cross-referenced in the related (Biber 1.6 required).

Termini, Settimo

- 2007 "Vita morte e miracoli di Alan Mathison Turing", in *Vite matematiche. Protagonisti del '900 da Hilbert a Wiles*, ed. by Claudio Bartocci, Renato Betti, Angelo Guerraggio, and Roberto Lucchetti, Springer-Verlag Italia, Milano.  
This entry includes all the informations of the parent collection linked through the crossref field.

## Biblatex examples

The source of this bibliography, typeset in the modern style, is the `biblatex-examples.bib` database, distributed with the `biblatex` package. It is provided for checking all the standard features. This list could highlight some bugs.

Almendo, José L., Jacinto Martín, Alberto Sánchez, and Fernando Nozal

- 1998 "Elektromagnetisches Signalhorn", EU-29702195U (FR, GB, DE).  
This is a patent entry with a location field. The number is given in the number field. Note the format of the location field in the database file. Compare laufenberg, sorace, and kowalik.

Angenendt, Arnold

- 2002 “In Honore Salvatoris – Vom Sinn und Unsinn der Patrozinienkunde”, *Revue d’Histoire Ecclésiastique*, 97, pp. 431-456, 791-823.

A German article in a French journal. Apart from that, a typical article entry. Note the `indextitle` field.

Aristotle

- 1877 *The Rhetoric of Aristotle with a commentary by the late Edward Meredith Cope*, ed. and comm. by Edward Meredith Cope, 3 vols., Cambridge University Press.

A commented edition. Note the concatenation of the editor and commentator fields as well as the volumes, `sorttitle`, and `indextitle` fields.

- 1907 *De Anima*, ed. by Robert Drew Hicks, Cambridge University Press, Cambridge.

A book entry with an author and an editor.

- 1929 *Physics*, trans. by P. H. Wicksteed and F. M. Cornford, G. P. Putnam, New York.

A book entry with a translator field.

- 1968 *Poetics*, ed. by D. W. Lucas, Clarendon Aristotle, Clarendon Press, Oxford.

A book entry with an author and an editor as well as a series field.

Augustine, Robert L.

- 1995 *Heterogeneous catalysis for the synthetic chemist*, Marcel Dekker, New York.

A plain book entry.

Averroes

- 1869 *Drei Abhandlungen über die Conjunction des separaten Intellekts mit dem Menschen. Von Averroes (Vater und Sohn), aus dem Arabischen übersetzt von Samuel Ibn Tibbon*, ed. and trans. by J. Hercz, S. Hermann, Berlin.

A book entry. Note the concatenation of the editor and translator fields as well as the `indextitle` and `indexsorttitle` fields.

- 1892 *Des Averroës Abhandlung: “Über die Möglichkeit der Conjunction” oder “Über den materiellen Intellekt”*, ed., trans., and annot. by Ludwig Hannes, C. A. Kaemmerer, Halle an der Saale.

An annotated edition. Note the concatenation of the editor, translator, and annotator fields. Also note the `shorttitle`, `indextitle`, `sorttitle`, and `indexsorttitle` fields.

- 1982 *The Epistle on the Possibility of Conjunction with the Active Intellect by Ibn Rushd with the Commentary of Moses Narboni*, ed. and trans. by Kalman P. Bland, More-shet: Studies in Jewish History, Literature and Thought, 7, Jewish Theological Seminary of America, New York.

A book entry with a series and a number. Note the concatenation of the editor and translator fields as well as the `indextitle` field.

Baez, John C. and Aaron D. Lauda

- 2004a *Higher-Dimensional Algebra V: 2-Groups*, version 3, Oct. 27, 2004, arXiv: math/0307200v3.

An online reference from arXiv. Note the `eprint` and `eprinttype` fields. Compare baez/article which is the same item given as an article entry with eprint information.



Baez, John C. and Aaron D. Lauda

- 2004b “Higher-Dimensional Algebra V: 2-Groups”, version 3, *Theory and Applications of Categories*, 12, pp. 423-491, arXiv: math/0307200v3.

An article with eprint and eprinttype fields. Note that the arXiv reference is transformed into a clickable link if hyperref support has been enabled. Compare baez/online, which is the same item given as an online entry.

Bertram, Aaron and Richard Wentworth

- 1996 “Gromov invariants for holomorphic maps on Riemann surfaces”, *J. Amer. Math. Soc.*, 9, 2, pp. 529-571.

An article entry with a volume and a number field.

Brandt, Ahasver von and Erich Hoffmann

- 1987 “Die nordischen Länder von der Mitte des 11. Jahrhunderts bis 1448”, in *Europa im Hoch- und Spätmittelalter*, ed. by Ferdinand Seibt, Handbuch der europäischen Geschichte, 2, Klett-Cotta, Stuttgart, pp. 884-917.

An incollection entry with a series and a number. Note the format of the printed name and compare the useprefix option in the options field as well as vangenep. Also note the indextitle, and indexsorttitle fields.

CMS

- 2003 *The Chicago Manual of Style. The Essential Guide for Writers, Editors, and Publishers*, 15th ed., University of Chicago Press, Chicago, Ill., ISBN: 0-226-10403-6.

This is a manual entry without an author or editor. Note the label field in the database file which is provided for author-year citation styles. Also note the sorttitle and indextitle fields. By default, all entries without an author or editor are alphabetized by title but we want this entry to be alphabetized under ‘C’ rather than ‘T’. There’s also an isbn field.

Chiu, Willy W. and We Min Chow

- 1978 *A Hybrid Hierarchical Model of a Multiple Virtual Storage (MVS) Operating System*, research rep. RC-6947, IBM.

This is a report entry for a research report. Note the format of the type field in the database file which uses a localization key. The number of the report is given in the number field. Also note the sorttitle and indextitle fields.

Cicero, Marcus Tullius

- 1995 *De natura deorum. Über das Wesen der Götter*, Latin and German, ed. and trans. by Ursula Blank-Sangmeister, afterw. by Klaus Thraede, Reclam, Stuttgart.

A bilingual edition of Cicero’s *De natura deorum*, with a German translation. Note the format of the language field in the database file, the concatenation of the editor and translator fields, and the afterword field.

Coleridge, Samuel Taylor

- 1983 *The collected works of Samuel Taylor Coleridge*, vol. 7.2: *Biographia literaria, or Biographical sketches of my literary life and opinions*, ed. by Kathleen Coburn, James Engell, and W. Jackson Bate, Bollingen Series, 75, Routledge and Kegan Paul, London.

One (partial) volume of a multivolume book. This is a book entry with a volume and a part field which explicitly refers to the second (physical) part of the seventh (logical) volume. Also note the series and number fields.

### Computers and Graphics

2011 35, 4: *Semantic 3D Media and Content*, ISSN: 0097-8493.

This is a periodical entry with an issn field.

### Cotton, Frank Albert, Geoffrey Wilkinson, Carlos A. Murillio, and Manfred Bochmann

1999 *Advanced inorganic chemistry*, 6th ed., Wiley, Chichester.

A book entry with 4 authors and an edition field. By default, long author and editor lists are automatically truncated. This is configurable.

### CTAN

2006 CTAN. *The Comprehensive TeX Archive Network*, <http://www.ctan.org> (visited on 10/01/2006).

This is an online entry. The URL, which is given in the url field, is transformed into a clickable link if hyperref support has been enabled. Note the format of the urldate field (yyyy-mm-dd) in the database file. Also note the label field which may be used as a fallback by citation styles which need an author and/or a year.

### Doody, Terrence

1974 "Hemingway's Style and Jake's Narration", *The Journal of Narrative Technique*, 4, 3, pp. 212-225; excerpt in *Contemporary Literary Criticism*, ed. by Roger Matuz, vol. 61, Gale, Detroit 1990, pp. 204-208.

An article entry cited as an excerpt from a collection entry. Note the format of the related and relatedstring fields.

### EB

2003 *The New Encyclopædia Britannica*, ed. by Warren E. Preece, 15th ed., 32 vols., Encyclopædia Britannica, Chicago, Ill.

This is a mvcollection entry for an encyclopedia. Note the useeditor option in the options field as well as the sorttitle field. We want this entry to be cited and alphabetized by title even though there is an editor. In addition to that, we want the title to be alphabetized under 'E' rather than 'T'. Also note the label field which is provided for author-year citation styles.

### Gaonkar, Dilip Parameshwar

2001a (ed.), *Alternative Modernities*, Duke University Press, Durham and London, ISBN: 0-822-32714-7.

This is a collection entry. Note the format of the location field in the database file as well as the isbn field.

2001b "On Alternative Modernities", in *Alternative Modernities*, ed. by Dilip Parameshwar Gaonkar, Duke University Press, Durham and London, pp. 1-23, ISBN: 0-822-32714-7.

### Geer, Ingrid de

1985 *Earl, Saint, Bishop, Skald – and Music. The Orkney Earldom of the Twelfth Century. A Musicological Study*, PhD thesis, Uppsala Universitet, Uppsala.

This is a typical thesis entry for a PhD thesis. Note the type field in the database file which uses a localization key. Also note the format of the printed name and compare the useprefix option in the options field as well as vangenep.

Gerhardt, Michael J.

- 2000 *The Federal Appointments Process. A Constitutional and Historical Analysis*, Duke University Press, Durham and London.

This is a book entry. Note the format of the location field as well as the sorttitle and indextitle fields.

Gillies, Alexander

- 1933 "Herder and the Preparation of Goethe's Idea of World Literature", *Publications of the English Goethe Society*, new ser., 9, pp. 46-67.

An article entry with a series and a volume field. Note that format of the series field in the database file.

Glashow, Sheldon

- 1961 "Partial Symmetries of Weak Interactions", *Nucl. Phys.*, 22, pp. 579-588; Weinberg, Steven (1967), "A Model of Leptons", *Phys. Rev. Lett.*, 19, pp. 1264-1266; Salam, Abdus (1968), "Weak and Electromagnetic Interactions", in *Elementary particle theory. Relativistic groups and analyticity*, Proceedings of the Eighth Nobel Symposium, Aspenäs garden, Lerum, May 19-25, 1968, ed. by Nils Svartholm, Almqvist & Wiksell, Stockholm, pp. 367-377.

A set with three members discussing the standard model of particle physics.

Gonzalez, Ray

- 2001 *The Ghost of John Wayne and Other Stories*, The University of Arizona Press, Tucson, ISBN: 0-816-52066-6.

A collection of short stories. This is a book entry. Note the sorttitle and indextitle fields in the database file. There's also an isbn field.

Goossens, Michel, Frank Mittelbach, and Alexander Samarin

- 1994 *The LaTeX Companion*, 1st ed., Addison-Wesley, Reading, Mass., 528 pp.

A book with three authors. Note the formatting of the author list. By default, only the first name is reversed in the bibliography.

Hammond, Christopher

- 1997 *The basics of crystallography and diffraction*, International Union of Crystallography and Oxford University Press, Oxford.

A book entry. Note the sorttitle and indextitle fields as well as the format of the publisher field.

Herrmann, Wolfgang A., Karl Öfele, Sabine K. Schneider, Eberhardt Herdtweck, and Stephan D. Hoffmann

- 2006 "A carbocyclic carbene as an efficient catalyst ligand for C-C coupling reactions", *Angew. Chem. Int. Ed.*, 45, 23, pp. 3859-3862; Aksın, Özge, Hayati Türkmen, Levent Artok, Bekir Çetinkaya, Chaoying Ni, Orhan Büyükgüngör, and Erhan Özkal (2006), "Effect of immobilization on catalytic characteristics of saturated Pd-N-heterocyclic carbenes in Mizoroki-Heck reactions", *J. Organomet. Chem.*, 691, 13, pp. 3027-3036; Yoon, Myeong S., Dowook Ryu, Jeongryul Kim, and Kyo Han Ahn (2006), "Palladium pincer complexes with reduced bond angle strain: efficient catalysts for the Heck reaction", *Organometallics*, 25, 10, pp. 2409-2411.

A set with three members.

## Homer

- 2004 *Die Ilias*, trans. by Wolfgang Schadewaldt, intro. by Joachim Latacz, 3rd ed., Artemis & Winkler, Düsseldorf and Zürich.

A German translation of the *Iliad*. Note the translator and introduction fields and the format of the location field in the database file. Also note the sorttitle and indextitle fields.

Hostetler, Michael J., Julia E. Wingate, Chuan-Jian Zhong, Jay E. Harris, Richard W. Vachet, Michael R. Clark, J. David Londono, Stephen J. Green, Jennifer J. Stokes, George D. Wignall, Gary L. Glish, Marc D. Porter, Neal D. Evans, and Royce W. Murray

- 1998 "Alkanethiolate gold cluster molecules with core diameters from 1.5 to 5.2 nm. Core and monolayer properties as a function of core size", *Langmuir*, 14, 1, pp. 17-30.

An article entry with 14 authors. By default, long author and editor lists are automatically truncated. This is configurable.

## Hyman, Arthur

- 1981 "Aristotle's Theory of the Intellect and its Interpretation by Averroes", in *Studies in Aristotle*, ed. by Dominic J. O'Meara, Studies in Philosophy and the History of Philosophy, 9, The Catholic University of America Press, Washington, D.C., pp. 161-191.

An incollection entry with a series and number field.

## Itzhaki, Nissan

- 1996 *Some remarks on 't Hooft's S-matrix for black holes*, version 1, Mar. 11, 1996, arXiv: hep-th/9603067.

An online reference from arXiv. Note the eprint and eprinttype fields. Also note that the arXiv reference is transformed into a clickable link if hyperref support has been enabled.

## Jaffé, Philipp

- 1885-1888 (ed.), *Regesta Pontificum Romanorum ab condita ecclesia ad annum post Christum natum MCXCVIII*, red. by Samuel Loewenfeld, Ferdinand Kaltenbrunner, and Paul Ewald, 2nd ed., 2 vols., Leipzig.

An mvcollection entry with edition and volumes fields. Note the editora and editoratype fields.

## Kant, Immanuel

- 1968c "Kritik der praktischen Vernunft", in, *Kants Werke. Akademie Textausgabe*, vol. 5: *Kritik der praktischen Vernunft. Kritik der Urtheilskraft*, Walter de Gruyter, Berlin, pp. 1-163.

An edition of Kant's *Collected Works*, volume five. This is an inbook entry which explicitly refers to the *Critique of Practical Reason* only, not to the entire fifth volume. Note the author and bookauthor fields in the database file. By default, the bookauthor is omitted if the values of the author and bookauthor fields are identical.

- 1968e "Kritik der Urtheilskraft", in, *Kants Werke. Akademie Textausgabe*, vol. 5: *Kritik der praktischen Vernunft. Kritik der Urtheilskraft*, Walter de Gruyter, Berlin, pp. 165-485.

An edition of Kant's *Collected Works*, volume five. This is an inbook entry which explicitly refers to the *Critique of Judgment* only, not to the entire fifth volume.

Kastenholz, M. A. and Philippe H. Hünenberger

- 2006 “Computation of methodology-independent ionic solvation free energies from molecular simulations. I. The electrostatic potential in molecular liquids”, *J. Chem. Phys.*, 124, 124106, doi: 10.1063/1.2172593.

An article entry with an eid and a doi field. Note that the doi is transformed into a clickable link if hyperref support has been enabled.

Knuth, Donald E.

- 1984-1986a *Computers & Typesetting*, 5 vols., Addison-Wesley, Reading, Mass.

A five-volume book cited as a whole. This is a mvbook entry, note the volumes field.

- 1984-1986b *Computers & Typesetting*, 5 vols., Addison-Wesley, Reading, Mass. Vol. A: *The T<sub>E</sub>Xbook*, 1984.

Vol. B: *T<sub>E</sub>X: The Program*, 1986.

Vol. C: *The METAFONTbook*, 1986.

Vol. D: *METAFONT: The Program*, 1986.

Vol. E: *Computer Modern Typefaces*, 1986.

A five-volume book cited as a whole and related to its individual volumes. Note the related and relatedtype fields.

- 1984 *Computers & Typesetting*, vol. A: *The T<sub>E</sub>Xbook*, Addison-Wesley, Reading, Mass.

The first volume of a five-volume book. Note the sorttitle field. We want this volume to be listed after the entry referring to the entire five-volume set. Also note the indextitle and indexsorttitle fields. Indexing packages that don't generate robust index entries require some control sequences to be protected from expansion.

- 1986a *Computers & Typesetting*, vol. B: *T<sub>E</sub>X: The Program*, Addison-Wesley, Reading, Mass.

The second volume of a five-volume book. Note the sorttitle field. Also note the indexsorttitle field.

- 1986b *Computers & Typesetting*, vol. C: *The METAFONTbook*, Addison-Wesley, Reading, Mass.

The third volume of a five-volume book. Note the sorttitle field as well as the indextitle field.

- 1986c *Computers & Typesetting*, vol. D: *METAFONT: The Program*, Addison-Wesley, Reading, Mass.

The fourth volume of a five-volume book. Note the sorttitle field.

- 1986d *Computers & Typesetting*, vol. E: *Computer Modern Typefaces*, Addison-Wesley, Reading, Mass.

The fifth volume of a five-volume book. Note the sorttitle field.

Kowalik, F. and M. Isard

- 1995 “Estimateur d'un défaut de fonctionnement d'un modulateur en quadrature et étage de modulation l'utilisant”, French pat. req. 9500261, Jan. 11, 1995.

This is a patent entry for a French patent request with a full date. The number is given in the number field. Note the format of the type and date fields in the database file. Compare almendro, laufenberg, and sorace.

Kullback, Solomon

- 1959 *Information Theory and Statistics*, John Wiley & Sons, New York.

Kullback, Solomon

- 1997a *Information Theory and Statistics*, Dover Publications, New York; trans. John Wiley & Sons, 1959.

A reprint of the kullback entry. Note the format of origyear and origpublisher. These fields are not used by the standard bibliography styles.

- 1997b *Information Theory and Statistics*, Dover Publications, New York; orig. pub. in 1959 by John Wiley & Sons.

A reprint of the kullback entry. Note the format of the related and relatedtype fields.

Laufenberg, Xaver, Dominique Eynius, Helmut Suelzle, Stephan Usbeck, Matthias Spaeth, Miriam Neuser-Hoffmann, Christian Myrzik, Manfred Schmid, Franz Nietfeld, Alexander Thiel, Harald Braun, and Norbert Ebner

- 2006 “Elektrische Einrichtung und Betriebsverfahren”, European pat. 1700367, Robert Bosch GmbH, Daimler Chrysler AG, and Bayerische Motoren Werke AG, Sept. 13, 2006.

This is a patent entry with a holder field. Note the format of the type and location fields in the database file. Compare almendro, sorace, and kowalik.

Loh, Nin C.

- 1992 *High-Resolution Micromachined Interferometric Accelerometer*, MA thesis, Massachusetts Institute of Technology, Cambridge, Mass.

This is a typical thesis entry for an MA thesis. Note the type field in the database file which uses a localization key.

Malinowski, Bronisław

- 1972 *Argonauts of the Western Pacific. An account of native enterprise and adventure in the Archipelagoes of Melanesian New Guinea*, 8th ed., Routledge and Kegan Paul, London.

This is a book entry. Note the format of the publisher and edition fields as well as the subtitle field.

Markey, Nicolas

- 2005 *Tame the BeaST. The B to X of BibTeX*, version 1.3, Oct. 16, 2005, [http://mirror.ctan.org/info/bibtex/tamethebeast/ttb\\_en.pdf](http://mirror.ctan.org/info/bibtex/tamethebeast/ttb_en.pdf) (visited on 10/01/2006).

An online entry for a tutorial. Note the format of the date field (yyyy-mm-dd) in the database file.

Maron, Monika

- 2000 *Animal Triste*, trans. from the German by Brigitte Goldstein, University of Nebraska Press, Lincoln.

An English translation of a German novel with a French title. In other words: a book entry with a translator field. Note the origlanguage field which is concatenated with the translator.

Massa, Werner

- 2004 *Crystal structure determination*, 2nd ed., Springer, Berlin.

A book entry with an edition field.

Matuz, Roger

- 1990 (ed.), *Contemporary Literary Criticism*, vol. 61, Gale, Detroit, pp. 204-208.

A collection entry providing the excerpt information for the doody entry. Note the format of the pages field.

Moore, Gordon E.

- 1965 "Cramming more components onto integrated circuits", *Electronics*, 38, 8, pp. 114-117.

- 1998 "Cramming more components onto integrated circuits", *Proceedings of the IEEE*, 86, 1, pp. 82-85; repr. from *Electronics*, 38, 8, pp. 114-117.

A reprint of Moore's law. Note the related and relatedtype fields.

Moraux, Paul

- 1979 "Le *De Anima* dans la tradition grècque. Quelques aspects de l'interprétation du traité, de Theophraste à Themistius", in *Aristotle on Mind and the Senses*, Proceedings of the Seventh Symposium Aristotelicum, 1975, ed. by G. E. R. Lloyd and G. E. L. Owen, Cambridge University Press, Cambridge, pp. 281-324.

This is a typical inproceedings entry. Note the booksubtitle, shorttitle, indextitle, and indexsorttitle fields. Also note the eventdate field.

Nietzsche, Friedrich

- 1988a *Sämtliche Werke. Kritische Studienausgabe*, ed. by Giorgio Colli and Mazzino Montinari, 2nd ed., 15 vols., Deutscher Taschenbuch-Verlag and Walter de Gruyter, München, Berlin, and New York.

The critical edition of Nietzsche's works. This is a mvbook entry referring to a 15-volume work as a whole. Note the volumes field and the format of the publisher and location fields in the database file. Also note the sorttitle and field which is used to fine-tune the sorting order of the bibliography. We want this item listed first in the bibliography.

- 1988b *Sämtliche Werke. Kritische Studienausgabe*, vol. 1: *Die Geburt der Tragödie. Unzeitgemäße Betrachtungen I-IV. Nachgelassene Schriften 1870-1973*, ed. by Giorgio Colli and Mazzino Montinari, 2nd ed., Deutscher Taschenbuch-Verlag and Walter de Gruyter, München, Berlin, and New York.

A single volume from the critical edition of Nietzsche's works. This book entry explicitly refers to the first volume only. Note the title and maintitle fields. Also note the sorttitle field. We want this entry to be listed after the entry referring to the entire edition.

- 1988c "Unzeitgemäße Betrachtungen. Zweites Stück. Vom Nutzen und Nachtheil der Historie für das Leben", in, *Sämtliche Werke. Kritische Studienausgabe*, vol. 1: *Die Geburt der Tragödie. Unzeitgemäße Betrachtungen I-IV. Nachgelassene Schriften 1870-1973*, ed. by Giorgio Colli and Mazzino Montinari, Deutscher Taschenbuch-Verlag and Walter de Gruyter, München, Berlin, and New York, pp. 243-334.

A single essay from the critical edition of Nietzsche's works. This inbook entry explicitly refers to an essay found in the first volume. Note the title, booktitle, and maintitle fields. Also note the sorttitle field. We want this entry to be listed after the entry referring to the entire first volume.

Nussbaum, Martha

- 1978 *Aristotle's "De Motu Animalium"*, Princeton University Press, Princeton.

A book entry. Note the sorttitle and indexsorttitle fields and the markup of the quotes in the database file.

Padhye, Jitendra, Victor Firoiu, and Don Towsley

- 1999 *A Stochastic Model of TCP Reno Congestion Avoidance and Control*, tech. rep. 99-02, University of Massachusetts, Amherst, Mass.

This is a report entry for a technical report. Note the format of the type field in the database file which uses a localization key. The number of the report is given in the number field. Also note the sorttitle and indextitle fields.

Piccato, Pablo

- 2001 *City of Suspects. Crime in Mexico City, 1900–1931*, Duke University Press, Durham and London.

This is a book entry. Note the format of the location field in the database file.

Pines, Shlomo

- 1979 “The Limitations of Human Knowledge According to Al-Farabi, ibn Bajja, and Maimonides”, in *Studies in Medieval Jewish History and Literature*, ed. by Isadore Twersky, Harvard University Press, Cambridge, Mass., pp. 82-109.

A typical incollection entry. Note the indextitle field.

Reese, Trevor R.

- 1958 “Georgia in Anglo-Spanish Diplomacy, 1736–1739”, *William and Mary Quarterly*, 3rd ser., 15, pp. 168-190.

An article entry with a series and a volume field. Note the format of the series. If the value of the series field is an integer, this number is printed as an ordinal and the string ‘series’ is appended automatically.

Sarfraz, M. and M. F. A. Razzak

- 2002 “Technical section: An algorithm for automatic capturing of the font outlines”, *Computers and Graphics*, 26, 5, pp. 795-804, ISSN: 0097-8493.

An article entry with an issn field.

Shore, Bradd

- 1991 “Twice-Born, Once Conceived. Meaning Construction and Cultural Cognition”, *American Anthropologist*, new ser., 93, 1 (Mar. 1991), pp. 9-27.

An article entry with series, volume, and number fields. Note the format of the series which is a localization key.

Sigfridsson, Emma and Ulf Ryde

- 1998 “Comparison of methods for deriving atomic charges from the electrostatic potential and moments”, *Journal of Computational Chemistry*, 19, 4, pp. 377-395, DOI: 10.1002/(SICI)1096-987X(199803)19:4<377::AID-JCC1>3.0.CO;2-P.

An article entry with volume, number, and doi fields. Note that the doi is transformed into a clickable link if hyperref support has been enabled.

Sorace, Ronald E., Victor S. Reinhardt, and Steven A. Vaughn

- 1997 “High-Speed Digital-to-RF Converter”, U.S. pat. 5668842, Hughes Aircraft Company, Sept. 16, 1997.

This is a patent entry with a holder field. Note the format of the type and date fields in the database file. Compare almendro, laufenberg, and kowalik.



Spiegelberg, Herbert

- 1969 “‘Intention’ und ‘Intentionalität’ in der Scholastik, bei Brentano und Husserl”, *Studia Philosophica*, 29, pp. 189-216.

An article entry. Note the `sorttitle` and `indexsorttitle` fields and the markup of the quotes in the database file.

Springer, Otto

- 1950 “Mediaeval Pilgrim Routes from Scandinavia to Rome”, *Mediaeval Studies*, 12, pp. 92-122.

A plain article entry.

Van Gennep, Arnold

- 1909a *Les rites de passage*, Nourry, Paris.

A book entry. Note the format of the printed name and compare the `useprefix` option in the `options` field as well as `brandt` and `geer`.

- 1909b *Les rites de passage*, Nourry, Paris; trans. by Monika B. Vizedom and Gabrielle L. Caffee as *The Rites of Passage* (University of Chicago Press, 1960).

A variant of the `vangennep` entry related to its translation. Note the format of the `related` and `relatedtype` fields.

- 1960 *The Rites of Passage*, trans. from the French by Monika B. Vizedom and Gabrielle L. Caffee, University of Chicago Press.

A translation of the `vangennep` entry. Note the `translator` and `origlanguage` fields. Compare with the `vangennep:related` entry.

Vázquez de Parga, Luis, José María Lacarra, and Juan Uría Ríu

- 1993 *Las Peregrinaciones a Santiago de Compostela*, 3 vols., Ed. facs. de la realizada en 1948–49, Iberdrola, Pamplona.

A multivolume book cited as a whole. This is a `mvbook` entry with `volumes`, `note`, `sorttitle`, and `indextitle` fields.

Vizedom, Monika B. and Gabrielle L. Caffee

- 1960 (trans.), *The Rites of Passage*, University of Chicago Press; trans. of *Les rites de passage*, Nourry, Paris 1909.

A translated work from `vangennep`. Note the format of the `related` and `relatedtype` fields.

Wassenberg, Jan and Peter Sanders

- 2010 *Faster Radix Sort via Virtual Memory and Write-Combining*, version 1, Aug. 17, 2010, arXiv: 1008.2849v1 [cs.DS].

A recent online reference from arXiv using the new (April 2007 onward) identifier format. Note the `eprint`, `eprinttype`, and `eprintclass` fields. Also note that the arXiv reference is transformed into a clickable link if `hyperref` support has been enabled.

Westfahl, Gary

- 2000a (ed.), *Space and Beyond. The Frontier Theme in Science Fiction*, Greenwood, Westport, Conn. and London.

This is a collection entry. Note the format of the `location` field as well as the `subtitle` field.

Westfahl, Gary

- 2000b “The True Frontier. Confronting and Avoiding the Realities of Space in American Science Fiction Films”, in Westfahl (2000a), pp. 55-65.

A cross-referenced article from a collection. This is an incollection entry with a crossref field. Note the subtitle and indextitle fields.

Wilde, Oscar

- 1899 *The Importance of Being Earnest: A Trivial Comedy for Serious People*, English and American drama of the Nineteenth Century, Leonard Smithers and Company, Google Books: 4HIWAAAAYAAJ.

A book with eprint and eprinttype fields.

Worman, Nancy

- 2002 *The Cast of Character. Style in Greek Literature*, University of Texas Press, Austin.

A book entry. Note the sorttitle and indextitle fields.

## 10 The Code

### 10.1 philosophy-standard.bbx

#### 10.1.1 Initial settings

biber is the default bibliography processor for biblatex. The philosophy styles could work without biber (excluding the experimental @jurisprudence driver) but it is required because it offers many useful functionalities. The backend=bibtex or backend=bibtex8 options produce an error message.

```
1 \RequireBiber[3]
2 \@ifpackagelater{biblatex}{2020/08/23}
3 {}
4 {\PackageError{biblatex-philosophy}
5 {Package biblatex is too old. Please update your LaTeX distribution}}
```

The styles are base on standard biblatex default style.

```
6 \RequireBibliographyStyle{standard}
```

A command to get an error message if you use an unknown value for an option.

```
7 \def\optionerror#1{%
8   \ClassError{biblatex-philosophy}
9   {\MessageBreak**** Unknown value for '#1' option}
10  {\MessageBreak**** Unknown value for '#1' option}}
```

The philosophy styles redefine some localized strings for Italian, English, Spanish and French in specific localization modules. So we declare and map them to the associated languages.

```
11 \DeclareLanguageMapping{italian}{italian-philosophy}
12 \DeclareLanguageMapping{english}{english-philosophy}
13 \DeclareLanguageMapping{spanish}{spanish-philosophy}
```

```
14 \DeclareLanguageMapping{french}{french-philosophy}
```

The default value for the boolean options is true. This means that giving the options without the value is just like giving option=true.

```
15 \newtoggle{bbx:annotation}
16 \newtoggle{bbx:library}
17 \newtoggle{bbx:inbeforejournal}
18 \newtoggle{bbx:classical}
19 \newtoggle{bbx:lowscauthors}
20 \newtoggle{cbx:shorthandintro}
21 \newtoggle{cbx:scauthorscite}
22 \newtoggle{bbx:scauthorsbib}
23 \newtoggle{cbx:scauthorscitefn}
24 \newtoggle{cbx:latinemph}
25
26 \DeclareBibliographyOption{annotation}[true]{%
27   \settoggle{bbx:annotation}{#1}}
28 \DeclareBibliographyOption{library}[true]{%
29   \settoggle{bbx:library}{#1}}
30 \DeclareBibliographyOption{inbeforejournal}[true]{%
31   \settoggle{bbx:inbeforejournal}{#1}}
32 \DeclareBibliographyOption{classical}[true]{%
33   \settoggle{bbx:classical}{#1}}
34 \DeclareBibliographyOption{lowscauthors}[true]{%
35   \settoggle{bbx:lowscauthors}{#1}}
36 \DeclareBibliographyOption{shorthandintro}[true]{%
37   \settoggle{cbx:shorthandintro}{#1}}
38 \DeclareBibliographyOption{latinemph}[true]{%
39   \settoggle{cbx:latinemph}{#1}}
```

Also the multi-value options have a default value, which is declared in the optional bracketed argument of the `\DeclareBibliographyOption` commands below. For example, the new `scauthors` option is now multi-value and defaults to `all`. So `scauthors=all` is the same of `scauthors`. In this way this option works exactly like the old `scauthors` boolean option that for this reason has been erased.

```
40 \newcommand{\bbx@publocformat}{}
41 \newcommand{\bbx@volnumformat}{}
42 \newcommand{\bbx@relatedformat}{}
43 \newcommand{\bbx@editionformat}{}
44 \newcommand{\bbx@volumeformat}{}
45 \newcommand{\bbx@scauthors}{}
46 \DeclareBibliographyOption{publocformat}[publocyear]{%
47   \renewcommand{\bbx@publocformat}{#1}}
48 \DeclareBibliographyOption{volnumformat}[plain]{%
49   \renewcommand{\bbx@volnumformat}{#1}}
50 \DeclareBibliographyOption{origfieldsformat}[semicolon]{%
51   \renewcommand{\bbx@relatedformat}{#1}}
52 \DeclareBibliographyOption{relatedformat}[semicolon]{%
53   \renewcommand{\bbx@relatedformat}{#1}}
54 \DeclareBibliographyOption{origfields}[true]{%
```

```

55 \renewcommand{\bbx@origfields}{#1}}
56 \DeclareBibliographyOption{editionformat}[arabic]{%
57 \renewcommand{\bbx@editionformat}{#1}}
58 \DeclareBibliographyOption{volumeformat}[arabic]{%
59 \renewcommand{\bbx@volumeformat}{#1}}
60 \DeclareBibliographyOption{scauthors}[all]{%
61 \renewcommand{\bbx@scauthors}{#1}}

```

These options are defined for backwards compatibility. The origed option is now useless and it is substituted by the ‘related’ mechanism. The scauthorscite and scauthorsbib are substituted by scauthors=cite and scauthors=bib, respectively.

```

62 \newcommand{\bbx@origfields}{}
63 \DeclareEntryOption{origed}[true]{%
64 \renewcommand{\bbx@origfields}{origed}}
65 \DeclareBibliographyOption{scauthorsbib}[true]{%
66 \settoggle{bbx:scauthorsbib}{#1}}
67 \DeclareBibliographyOption{scauthorscite}[true]{%
68 \settoggle{cbx:scauthorscite}{#1}}

```

And now one option to be used in the \printbibliography and \printbiblist commands.

```

69 \blx@kv@defkey{blx@bib1}{annotation}[]{}
70 \blx@kv@defkey{blx@bib2}{annotation}[true]{\settoggle{bbx:annotation}{#1}}
71 \blx@kv@defkey{blx@biblist1}{annotation}[]{}
72 \blx@kv@defkey{blx@biblist2}{annotation}[true]{\settoggle{bbx:annotation}{#1}}

```

Now we can execute the default options.

```

73 \ExecuteBibliographyOptions{%
74   publocformat      = publocyear,
75   volnumformat      = plain,
76   origfieldsformat  = semicolon,
77   relatedformat     = semicolon,
78   editionformat     = arabic,
79   volumeformat      = arabic,
80   scauthors         = false,
81   editionformat     = arabic,
82   volumeformat      = arabic,
83   shorthandintro    = true,
84   library           = true,
85   annotation        = false,
86   latinemph         = false,
87   classical          = false,
88   inbeforejournal   = false,
89   lowscauthors      = false,
90   useprefix         = true,
91   maxcitenames      = 2,
92   mincitenames      = 1,
93   maxbibnames       = 999,
94   minbibnames       = 999}

```

Changing the penalty of the urls will prevent many overfull boxes:

```
95 \setcounter{biburlnumpenalty}{9000}  
96 \setcounter{biburlucpenalty}{9000}  
97 \setcounter{biburllcpenalty}{9000}
```

These counters control the list of names in the cross-referenced entries:

```
98 \newcounter{maxnamesincross}  
99 \newcounter{minnamesincross}
```

The `scauthors` and `lowscauthors` options are based on tests that require to be executed inside a command, a macro or `\AtBeginDocument` and similar hooks. Otherwise they would produce an error message.

```
100 \AtBeginDocument{%  
101 \ifdefstring{\bbx@scauthors}{bibcite}  
102   {\toggletrue{bbx:scauthorsbib}}%  
103   \toggletrue{cbx:scauthorscite}%  
104   }{}%  
105 \ifdefstring{\bbx@scauthors}{bib}  
106   {\toggletrue{bbx:scauthorsbib}}%  
107   }{}%  
108 \ifdefstring{\bbx@scauthors}{cite}  
109   {\toggletrue{cbx:scauthorscite}}%  
110   }{}%  
111 \ifdefstring{\bbx@scauthors}{citefn}  
112   {\toggletrue{cbx:scauthorscitefn}}%  
113   }{}%  
114 \ifdefstring{\bbx@scauthors}{bibcitefn}  
115   {\toggletrue{bbx:scauthorsbib}}%  
116   \toggletrue{cbx:scauthorscitefn}%  
117   }{}%  
118 \ifdefstring{\bbx@scauthors}{all}  
119   {\usebibmacro{bbx:scswitch}}%  
120   }{}%  
121 }
```

With the `scauthors=cite` option all the citations are printed in small caps. Anyway we do not like small caps in the citations inside the bibliography so we deactivate this option at the beginning of the bibliography.

```
122 \AtBeginBibliography{%  
123   \togglefalse{cbx:scauthorscite}%  
124   \togglefalse{cbx:shorthandintro}%  
125 }
```

The annotation field and the shorthand intro are omitted in the list of shorthands.

```
126 \AtBeginShorthands{%  
127   \togglefalse{bbx:annotation}%  
128   \togglefalse{cbx:shorthandintro}%  
129 }
```

The annotation field is omitted in every citations.

```
130 \AtEveryCite{%
131   \togglefalse{bbx:annotation}%
132 }
```

### 10.1.2 New commands

The `\mkibid` command is provided for formatting the *latinities* “et al.”, “ivi”, “ibidem”. Actually the command is introduced for formatting “et al.” considering that it is already defined by `verbose-trad2.cbx` which uses it for “ivi” and “ibidem”.

```
133 \providecommand*\mkibid}[1]{\iftoggle{cbx:latinemph}{\mkbibemph{#1}}{#1}}
```

We (re)define some internal commands for the punctuation. The new `\volnumpunct` command is provided to separate volume and number in `@article` entries.

```
134 \newcommand*\volnumpunct{\addcomma\space}
135 \renewcommand*\newunitpunct{\addcomma\space}
136 \renewcommand*\subtitlepunct{\addperiod\space}
137 %\renewcommand*\intitlepunct{\addspace}
138 \renewcommand*\relatedpunct{\addsemicolon\space}
```

The `\editorstrgdelim` is introduced to customize the delimiter to be printed before the `editorstrg`, `authorstrg` and `translatorstrg` strings. These strings are enclosed in parentheses by default: (eds.), (trans.), etc. Redefining the delimiter we can omit the parentheses and reset to the default `authoryear` style: eds., trans., etc. This requires to change the `editortype` field format too.

```
139 \DeclareDelimFormat{editorstrgdelim}{\addspace}
```

New internal commands assure pure parentheses/brackets for some specific fields when using the square option.

```
140 \newrobustcmd*\mkpureparens}[1]{%
141   \begingroup
142     \blx@blxinit
143     \blx@setsfcodes
144     \bibleftparen#1\bibrightparen%
145   \endgroup}
146 \newrobustcmd*\mkpurebrackets}[1]{%
147   \begingroup
148     \blx@blxinit
149     \blx@setsfcodes
150     \bibleftbracket#1\bibrightbracket%
151   \endgroup}
```

We define proper parentheses and brackets for “related” blocks

```
152 \def\mkrelatedparens{\mkpureparens}
153 \def\mkrelatedbrackets{\mkpurebrackets}
```

Some commands for changing the font of the annotation, library and edition fields.

```

154 \newcommand*{\annotationfont}{\footnotesize}
155 \newcommand*{\libraryfont}{}
156 \newcommand*{\editionfont}{%
157   \ifdefstring{\bbx@editionformat}{Roman}
158     {\uppercase}%
159     {\ifdefstring{\bbx@editionformat}{romansc}
160       {\scshape}%
161       {\relax}}}%
162 \newrobustcmd*{\edfnt}[1]{%
163   \begingroup
164   \expandafter\editionfont%
165   \expandafter{\romannumeral#1}%
166   \endgroup}

```

A command to select lowercase small caps.

```

167 \newrobustcmd*{\mkbibsc}[1]{%
168   \iftoggle{bbx:lowscauthors}{%
169     \textsc{\MakeLowercase{#1}}}%
170     {\textsc{#1}}}

```

### 10.1.3 Names format

First we define a macro to be used in the `\DeclareNameFormat` specifications. The macro simply maps the `\mkbibname*` commands to the new `\mkbibsc` command defined above.

```

171 \newbibmacro*{bbx:scswitch}{%
172   \let\mkbibnamefamily\mkbibsc%
173   \let\mkbibnamegiven\mkbibsc%
174   \let\mkbibnameprefix\mkbibsc%
175   \let\mkbibnamesuffix\mkbibsc}

```

In the following codes note that the font switching is declared inside `sortname` or `labelname` because the `scauthors=bib` or `scauthors=cite` option must be active only for the names at the beginning of the entry which are formatted by `sortname` or `labelname`.

```

176 \DeclareNameFormat{sortname}{%
177   \iftoggle{bbx:scauthorsbib}{\usebibmacro{bbx:scswitch}}{}%
178   \nameparts{#1}%
179   \ifnumequal{\value{listcount}}{1}
180   {\ifgiveninits
181     {\usebibmacro{name:family-given}
182       {\namepartfamily}
183       {\namepartgiveni}
184       {\namepartprefix}
185       {\namepartsuffix}}
186     {\usebibmacro{name:family-given}
187       {\namepartfamily}
188       {\namepartgiven}
189       {\namepartprefix}

```

```

190     {\namepartsuffix}}%
191 \ifboolexpr{%
192     test {\ifdefvoid\namepartgiven}
193     and
194     test {\ifdefvoid\namepartprefix}}
195 {}
196 {\usebibmacro{name:revsdelim}}}
197 {\ifgiveninits
198     {\usebibmacro{name:given-family}
199         {\namepartfamily}
200         {\namepartgiveni}
201         {\namepartprefix}
202         {\namepartsuffix}}
203     {\usebibmacro{name:given-family}
204         {\namepartfamily}
205         {\namepartgiven}
206         {\namepartprefix}
207         {\namepartsuffix}}}%
208 \usebibmacro{name:andothers}}%
209 \DeclareNameFormat{labelname}{%
210     \iftoggle{cbx:scauthorscite}{\usebibmacro{bbx:scswitch}}{}%
211     \iftoggle{cbx:scauthorscitefn}{\iffootnote{\usebibmacro{bbx:scswitch}}{}{}}{}%
212     \bibhyperref{\nameparts{#1}}%
213     \ifcase\value{uniquename}%
214         \usebibmacro{name:family}%
215             {\namepartfamily}%
216             {\namepartgiven}%
217             {\namepartprefix}%
218             {\namepartsuffix}%
219     \or
220         \ifuseprefix
221             {\usebibmacro{name:given-family}%
222                 {\namepartfamily}%
223                 {\namepartgiveni}%
224                 {\namepartprefix}%
225                 {\namepartsuffixi}}%
226             {\usebibmacro{name:given-family}%
227                 {\namepartfamily}%
228                 {\namepartgiveni}%
229                 {\namepartprefixi}%
230                 {\namepartsuffixi}}%
231     \or
232         \usebibmacro{name:given-family}%
233             {\namepartfamily}%
234             {\namepartgiven}%
235             {\namepartprefix}%
236             {\namepartsuffix}%
237     \fi
238     \usebibmacro{name:andothers}}}%

```

The `scdefault` name format is used in the `cite:full` macro below to controll the small



caps in the first citation of an antry (that is a full citation).

```
239 \DeclareNameFormat{scdefault}{%
240 \usebibmacro{bbx:scswitch}%
241 \nameparts{#1}%
242 \ifgiveninits
243   {\usebibmacro{name:given-family}%
244     {\namepartfamily}%
245     {\namepartgiveni}%
246     {\namepartprefix}%
247     {\namepartsuffix}}%
248   {\usebibmacro{name:given-family}%
249     {\namepartfamily}%
250     {\namepartgiven}%
251     {\namepartprefix}%
252     {\namepartsuffix}}%
253 \usebibmacro{name:andothers}}%
```

#### 10.1.4 Fields format

```
254 \DeclareFieldFormat[bookinbook,thesis]{title}{\mkbibemph{#1}}
255 \DeclareFieldFormat[review]{title}{\bibcplstring{reviewof}\addspace#1}
256 \DeclareFieldFormat[review]{citetitle}{\bibcplstring{reviewof}\addspace#1}
257 \DeclareFieldFormat[inreference,article]{title}{\mkbibquote{#1}}
258 \DeclareFieldFormat[bookinbook,thesis]{citetitle}{\mkbibemph{#1}}
259 \DeclareFieldFormat{origtitle}{\mkbibemph{#1}}
260 \DeclareFieldFormat[article]{origtitle}{\mkbibquote{#1}}
261 \DeclareFieldFormat{usera}{\mkbibemph{#1}}
262 \DeclareFieldFormat[bookinbook,inbook]{usera}{\mkbibemph{#1}}
263 \DeclareFieldFormat[incollection]{usera}{\mkbibquote{#1}}
264 \DeclareFieldFormat{userc}{\mkpageprefix[bookpagination]{#1}}
265 \DeclareFieldFormat{url}{\url{#1}}
266 \DeclareFieldFormat{annotation}{\annotationfont #1}
267 \DeclareFieldFormat{library}{\libraryfont #1}
268 \DeclareFieldFormat{pureparens}{\mkpureparens{#1}}
269 \DeclareFieldFormat{editortype}{\mkpureparens{#1}}
270 \DeclareFieldFormat{nameaddon}{\mkpurebrackets{#1}}
271 \DeclareFieldAlias{authortype}{editortype}
272 \DeclareFieldFormat{backrefparens}{\mkpureparens{#1}}
273 \DeclareFieldFormat*{number}{%
274   \ifdefstring{\bbx@volnumformat}{strings}{%
275     \bibstring{number}~#1}{#1}}
276 \DeclareFieldFormat*{series}{%
277   \ifinteger{#1}
278     {\mkbibordseries{#1}~\bibstring{jourser}}
279     {\ifbibstring{#1}{\bibstring{#1}}{#1}}}
280 \DeclareFieldFormat{edition}{%
281   \ifinteger{#1}{%
282     \ifdefstring{\bbx@editionformat}{arabic}
283       {\mkbibordedition{#1}~\bibstring{edition}}
284       {\ifdefstring{\bbx@editionformat}{Roman}%
285         {\RN{#1}~\bibstring{edition}}}%
286     }
```

```

286     {\ifdefstring{\bbx@editionformat}{romansc}%
287      {\textsc{\Rn{#1}}~\bibstring{edition}}}%
288     {\ifdefstring{\bbx@editionformat}{roman}%
289      {\Rn{#1}~\bibstring{edition}}
290      {\ifdefstring{\bbx@editionformat}{superscript}%
291       {\mkbibsuperscript{#1}}}%
292      {\optionerror{editionformat}}}}}}{\#1}}%\isdot??
293 \DeclareFieldFormat{volume}{%
294   \bibstring{volume}~%
295   \ifinteger{#1}{%
296     \ifdefstring{\bbx@volumeformat}{arabic}%
297     {\#1}%
298     {\ifdefstring{\bbx@volumeformat}{Roman}%
299      {\RN{#1}}%
300      {\ifdefstring{\bbx@volumeformat}{romansc}%
301       {\textsc{\Rn{#1}}}%
302       {\ifdefstring{\bbx@volumeformat}{roman}%
303        {\Rn{#1}}}%
304        {\optionerror{volumeformat}}}}}}{\#1}}
305 \DeclareFieldFormat[article]{volume}{%
306   \ifdefstring{\bbx@volnumformat}{strings}
307   {\bibstring{volume}~}%
308   {%
309     \ifinteger{#1}{%
310       \ifdefstring{\bbx@volumeformat}{arabic}%
311       {\#1}%
312       {\ifdefstring{\bbx@volumeformat}{Roman}%
313        {\RN{#1}}%
314        {\ifdefstring{\bbx@volumeformat}{romansc}%
315         {\textsc{\Rn{#1}}}%
316         {\ifdefstring{\bbx@volumeformat}{roman}%
317          {\Rn{#1}}x%
318          {\optionerror{volumeformat}}}}}}{\#1}}

```

With the parens and brackets options, the related entries are enclosed in parentheses (or brackets) defined specifically, because in the case of cascading entries, they must be eliminated starting from the second entry. This is done below with the `begrelatedloop` macro. See section 10.1.6.

```

319 \DeclareFieldFormat{related}{%
320   \ifdefstring{\bbx@relatedformat}{parens}%
321   {\mkrelatedparens{#1}}%
322   {\ifdefstring{\bbx@relatedformat}{brackets}%
323    {\mkrelatedbrackets{#1}}%
324    {\ifdefstring{\bbx@relatedformat}{semicolon}%
325     {\#1}%
326     {\optionerror{relatedformat}}}}}%
327 \DeclareFieldAlias{related:origpubin}{related}
328 \DeclareFieldAlias{related:origpubas}{related}
329 \DeclareFieldFormat{relatedstring:default}{#1\addspace}

```

### 10.1.5 New macros

Experimental in version 1.9.4. The `translatorstrg` and `translator+othersstrg` macros do not use the `editortype` format so we add it for consistency with `editorstrg` and `editor+othersstrg` from `biblatex.def`. The idea behind this feature is that in this way you can change the format of the editor, translator, etc. following the year label simply with `\DeclareFieldFormat`.

```
330 \renewbibmacro*{translatorstrg}{%
331   \printtext[editortype]{%
332     \ifboolexpr{
333       test {\ifnumgreater{\value{translator}}{1}}
334       or
335       test {\ifandothers{translator}}
336     }
337     {\bibstring{translators}}
338     {\bibstring{translator}}}}
339 \renewbibmacro*{translator+othersstrg}{%
340   \ifboolexpr{
341     test {\ifnumgreater{\value{translator}}{1}}
342     or
343     test {\ifandothers{translator}}
344   }
345   {\def\abx@tempa{translators}}
346   {\def\abx@tempa{translator}}%
347   \ifnameequal{translator}{commentator}
348   {\appto\abx@tempa{co}%
349     \clearname{commentator}}
350   {\ifnameequal{translator}{annotator}
351     {\appto\abx@tempa{an}%
352       \clearname{annotator}}
353   }%
354   \ifnameequal{translator}{introduction}
355   {\appto\abx@tempa{in}%
356     \clearname{introduction}}
357   {\ifnameequal{translator}{foreword}
358     {\appto\abx@tempa{fo}%
359       \clearname{foreword}}
360   {\ifnameequal{translator}{afterword}
361     {\appto\abx@tempa{af}%
362       \clearname{afterword}}
363   }%
364   \printtext[editortype]{\bibstring{\abx@tempa}}}
```

The default macros for indexing include the `indextitle` field (which defaults to `title`). This involves getting an index with names and titles together. So we redefine the following two macros in order to get a simple index of names.

```
365 \renewbibmacro*{citeindex}{%
366   \ifciteindex
367     {\indexnames{labelname}}
368     {}}
```

```

369 \renewbibmacro*{bibindex}{%
370   \ifbibindex
371     {\indexnames{labelname}}
372   {}}

```

Here we (re)define different macros used to print various fields.

```

373 \newbibmacro*{volnumdefault}{%
374   \printfield{volume}%
375   \setunit*{\volnumpunct}%
376   \printfield{number}}
377
378 \newbibmacro*{volnumparens}{%
379   \nopunct%
380   \printtext[pureparens]{%
381     \printfield{volume}%
382     \setunit*{\volnumpunct}%
383     \printfield{number}}}
384
385 \newbibmacro*{volnumstrings}{%
386   \iffieldundef{volume}{}{}%
387   \printfield{volume}\setunit*{\volnumpunct}}%
388   \iffieldundef{number}{}{}%
389   \printfield{number}}}
390
391 \renewbibmacro*{volume+number+eid}{%
392   \ifdefstring{\bbx@volnumformat}{strings}
393     {\usebibmacro{volnumstrings}}%
394     {\ifdefstring{\bbx@volnumformat}{parens}
395       {\usebibmacro{volnumparens}}%
396       {\ifdefstring{\bbx@volnumformat}{plain}
397         {\usebibmacro{volnumdefault}}}%
398       {\optionerror{volnumformat}}}%
399   \setunit{\addcomma\space}%
400   \printfield{eid}}
401
402 \renewbibmacro*{periodical}{%
403   \ifboolexpr{
404     test {\iffieldundef{title}}
405     and
406     test {\iffieldundef{subtitle}}
407   }
408   {}
409   {\printtext[title]{%
410     \printfield[titlecase]{title}%
411     \setunit{\subtitlepunct}%
412     \printfield[titlecase]{subtitle}}}}
413
414 \renewbibmacro*{issue}{%
415   \ifboolexpr{
416     test {\iffieldundef{issuetitle}}
417     and

```

```

418     test {\iffieldundef{issuesubtitle}}
419   }
420   {}
421   {\printtext[issuetitle]{%
422     \printfield[titlecase]{issuetitle}%
423     \setunit{\subtitlepunct}%
424 \printfield[titlecase]{issuesubtitle}}}}
425
426 %\renewbibmacro*{journal}{%
427 %  \iffieldundef{journaltitle}
428 %    {}%
429 %    {\printtext[journaltitle]{%
430 %      \printfield[titlecase]{journaltitle}%
431 %      \midsentence%
432 %      \setunit{\subtitlepunct}%
433 %      \printfield[titlecase]{journalsubtitle}}}}
434 %
435 %\renewbibmacro*{periodical}{%
436 %  \iffieldundef{title}
437 %    {}%
438 %    {\printtext[title]{%
439 %      \printfield[titlecase]{title}%
440 %      \midsentence%
441 %      \setunit{\subtitlepunct}%
442 %      \printfield[titlecase]{subtitle}}}}
443
444 \renewbibmacro*{journal+issuetitle}{%
445   \usebibmacro{journal}%
446   \setunit*{\addspace}%
447   \iffieldundef{series}
448     {}%
449     {\newunit%
450       \printfield{series}\setunit{\addspace}\midsentence}%
451   \newunit%
452   \usebibmacro{volume+number+eid}%
453   \setunit{\addspace}%
454   \usebibmacro{issue+date}%
455   \setunit{\addcolon\space}%
456   \usebibmacro{issue}%
457   \newunit}
458
459 \renewbibmacro*{title+issuetitle}{%
460   \usebibmacro{periodical}%
461   \setunit*{\addspace}%
462   \iffieldundef{series}
463     {}%
464     {\newunit
465       \printfield{series}%
466       \setunit{\addspace}\midsentence}%
467   \usebibmacro{volume+number+eid}%
468   \setunit{\addspace}%

```

```

469 \usebibmacro{issue+date}%
470 \setunit{\addcolon\space}%
471 \usebibmacro{issue}%
472 \newunit}
473
474 \renewbibmacro*{series+number}{%
475 \printfield{series}%
476 \setunit*{\addcomma\space}%
477 \printfield{number}%
478 \newunit}
479
480 \renewbibmacro*{issue+date}{%
481 \printtext[pureparens]{%
482 \iffieldundef{issue}
483 {\usebibmacro{date}}
484 {\printfield{issue}%
485 \setunit*{\addspace}%
486 \usebibmacro{date}}}%
487 \newunit}
488
489 \renewbibmacro*{event+venue+date}{%
490 \printfield{eventtitle}%
491 \ifboolexpr{%
492 test {\iffieldundef{venue}}
493 and
494 test {\iffieldundef{eventyear}}
495 }%
496 {}%
497 {\setunit*{\addspace}%
498 \printtext{%
499 \printfield{venue}%
500 \setunit*{\addcomma\space}%
501 \printeventdate}}%
502 \newunit}
503
504 \renewbibmacro*{publisher+location+date}{%
505 \ifdefstring{\bbx@publocformat}{loccolonpub}
506 {\usebibmacro{loccolonpub}}
507 {\ifdefstring{\bbx@publocformat}{locpubyear}
508 {\usebibmacro{locpubyear}}
509 {\ifdefstring{\bbx@publocformat}{publocyear}%
510 {\usebibmacro{publocyear}}{\optionerror{publocformat}}}}
511
512 \renewbibmacro*{institution+location+date}{%
513 \ifdefstring{\bbx@publocformat}{loccolonpub}
514 {\usebibmacro{inloccolonpub}}
515 {\ifdefstring{\bbx@publocformat}{locpubyear}
516 {\usebibmacro{inlocpubyear}}
517 {\ifdefstring{\bbx@publocformat}{publocyear}%
518 {\usebibmacro{inpublocyear}}{\optionerror{publocformat}}}}
519

```

```

520 \renewbibmacro*{organization+location+date}{%
521 \ifdefstring{\bbx@publocformat}{loccolonpub}
522   {\usebibmacro{orgloccolonpub}}
523   {\ifdefstring{\bbx@publocformat}{locpubyear}
524     {\usebibmacro{orglocpubyear}}
525     {\ifdefstring{\bbx@publocformat}{publocyear}%
526       {\usebibmacro{orgpublocyear}}{\optionerror{publocformat}}}}}%
527
528 \newbibmacro*{publocyear}{%
529   \iflistundef{publisher}%
530   {}%
531   {\printlist{publisher}}
532   \setunit*{\addcomma\space}%
533   \printlist{location}%
534   \usebibmacro{relateddate}%
535 \newunit}
536
537 \newbibmacro*{inpublocyear}{%
538   \iflistundef{institution}%
539   {}%
540   {\printlist{institution}}
541   \setunit*{\addcomma\space}%
542   \printlist{location}%
543   \usebibmacro{relateddate}%
544 \newunit}
545
546 \newbibmacro*{orgpublocyear}{%
547   \iflistundef{organization}%
548   {}%
549   {\printlist{organization}}
550   \setunit*{\addcomma\space}%
551   \printlist{location}%
552   \usebibmacro{relateddate}%
553 \newunit}
554
555 \newbibmacro*{loccolonpub}{%
556   \printlist{location}%
557   \iflistundef{publisher}%
558   {\setunit*{\addspace}}
559   {\setunit*{\addcolon\space}}%
560   \printlist{publisher}%
561   \usebibmacro{commarelateddate}%
562 \newunit}
563
564 \newbibmacro*{inloccolonpub}{%
565   \printlist{location}%
566   \iflistundef{institution}
567   {\setunit*{\addspace}}
568   {\setunit*{\addcolon\space}}%
569   \printlist{institution}%
570   \usebibmacro{commarelateddate}%

```

```

571 \newunit}
572
573 \newbibmacro*{orgloccolonpub}{%
574 \printlist{location}%
575 \iflistundef{organization}
576 {\setunit*{\addspace}}
577 {\setunit*{\addcolon\space}}%
578 \printlist{organization}%
579 \usebibmacro{commarelateddate}%
580 \newunit}
581
582 \newbibmacro*{locpubyear}{%
583 \printlist{location}%
584 \iflistundef{publisher}%
585 {\setunit*{\addspace}}
586 {\setunit*{\addcomma\space}}%
587 \printlist{publisher}%
588 \usebibmacro{commarelateddate}%
589 \newunit}
590
591 \newbibmacro*{inlocpubyear}{%
592 \printlist{location}%
593 \iflistundef{institution}
594 {\setunit*{\addspace}}
595 {\setunit*{\addcomma\space}}%
596 \printlist{institution}%
597 \usebibmacro{commarelateddate}%
598 \newunit}
599
600 \newbibmacro*{orglocpubyear}{%
601 \printlist{location}%
602 \iflistundef{organization}
603 {\setunit*{\addspace}}
604 {\setunit*{\addcomma\space}}%
605 \printlist{organization}%
606 \usebibmacro{commarelateddate}%
607 \newunit}
608
609 \renewbibmacro*{addendum+pubstate}{%
610 \printfield{addendum}%
611 \newunit\newblock
612 \printfield{pubstate}%
613 \ifdefstring{\bbx@origfields}{none}{}{}%
614 \newunit\newblock
615 \usebibmacro{origdata:book}}%
616 \newunit\newblock
617 \usebibmacro{library}}
618
619 \newbibmacro*{addendum+pubstate:article-inbook-incoll}{%
620 \printfield{addendum}%
621 \newunit\newblock

```



```

622 \printfield{pubstate}%
623 \ifdefstring{\bbx@origfields}{none}{}{}%
624 \newunit\newblock
625 \usebibmacro{origdata:article-inbook}}%
626 \newunit\newblock
627 \usebibmacro{library}}
628
629 \newbibmacro*{library}{%
630 \iftoggle{bbx:library}{%
631 \iffieldundef{library}%
632 {}%
633 {\setunit{\addperiod\space}%
634 {\printfield{library}}}}}%
635 {}%
636
637 \renewbibmacro*{pageref}{%
638 \iflistundef{pageref}
639 {}%
640 {\setunit{\addperiod\space}%
641 \printtext[backrefparens]{%
642 \ifnumgreater{\value{pageref}}{1}
643 {\bibcpstring{backrefpages}\ppspace}%
644 {\bibcpstring{backrefpage}\ppspace}%
645 \printlist[pageref][- \value{listtotal}]{pageref}\adddot\NOPUNCT}}%
646
647 \renewbibmacro*{finentry}{%
648 \iftoggle{bbx:annotation}%
649 {\iffieldundef{annotation}%
650 {\finentry}%
651 {\setunit{\addperiod\par\nobreak\vspace*{.5ex}}%
652 \printtext[annotation]{\printfield{annotation}\finentry\par}}}%
653 {\finentry}}

```

The default definition of the `in:` macro gives a spacing problem with the `\fulcite` command. Specifically, the command has no effect in citations, while it works correctly in the bibliography. This definition bypasses the problem, but does not actually solve it.

```

654 \renewbibmacro*{in:}{%
655 \bibstring{in}\addspace}
656 % \printunit{\intitlepunct}}

```

### 10.1.6 Related entries

```

657 \newbibmacro*{relateddate}{%
658 \setunit*{\addspace}%
659 \printdate}
660 \newbibmacro*{commarelateddate}{%
661 \setunit*{\addcomma\space}%
662 \printdate}

```

A trick to delete the author/editor/translator list for related entries and `\ccite` command:

```

663 \newbibmacro*{related:clearauthors}{%
664   \renewbibmacro*{author/translator+others}{\usebibmacro{bbx:savehash}}%
665   \renewbibmacro*{author/editor+others/translator+others}{\usebibmacro{bbx:savehash}}%
666   \renewbibmacro*{editor+others}{\usebibmacro{bbx:savehash}}%
667   \renewbibmacro*{author/translator+others}{\usebibmacro{bbx:savehash}}%
668   \renewbibmacro*{author/editor}{\usebibmacro{bbx:savehash}}%
669   \renewbibmacro*{author}{\usebibmacro{bbx:savehash}}%
670   \renewbibmacro*{editor}{\usebibmacro{bbx:savehash}}%
671   \renewcommand*{\labelnamepunct}{}%
672 \DeclareCiteCommand{\relatedcite}
673 {}%
674 {\usedriver
675 {\DeclareNameAlias{sortname}{default}}%
676 \ifbibmacroundef{date+extradate}
677 {}
678 {%\renewbibmacro*{date+extradate}{}%
679 \renewbibmacro*{bbx:ifmergeddate}{\@secondoftwo}}%
680 \usebibmacro{related:clearauthors}%
681 \renewbibmacro*{relateddate}{%
682 \setunit*{\addspace}\printdate}%
683 \renewbibmacro*{commarelateddate}{%
684 \setunit*{\addcomma\space}\printdate}%
685 }%
686 {\thefield{entrytype}}}%
687 {}%
688 {}%
689 \renewbibmacro*{related:default}[1]{%
690   \togglefalse{bbx:annotation}%
691   \ifboolexpr{
692     test {\iffielddundef{relatedtype}}
693     and
694     test {\iffielddundef{relatedstring}}
695   }
696   {\printtext{\bibstring{translationas}}}{}%
697   \printtext{\addspace}%
698   \relatedcite{\thefield{related}}}

```

We redefine the `begrelatedloop` macro to avoid nested parentheses in cascading related entries. In this way, with the `parens` and `brackets` options, only the entire block of the related entries will be enclosed in parentheses (or brackets), while the subordinated entries will be separated with a semicolon.

```

699 \renewbibmacro*{begrelatedloop}{%
700   \renewrobustcmd*{\mkrelatedparens}{\relatedpunct}%
701   \renewrobustcmd*{\mkrelatedbrackets}{\relatedpunct}}

```

This macro tests the value of the `relatedformat` option. If it sets to `semicolon` the macro adds `\relatedpunct` (i.e. a semicolon plus a space), otherwise it adds a simple space.

```

702 \newbibmacro*{phil:related}{%
703   \iftoggle{bbx:related}
704     {\iffieldequalstr{relatedtype}{multivolume}}%

```

```

705     {\setunit{\addperiod}}%
706     {\ifdefstring{\bbx@relatedformat}{semicolon}%
707       {\setunit{\relatedpunct}}}%
708     {\setunit{\addspace}}}%
709     \usebibmacro{related:init}%
710     \usebibmacro{related}}{}%

```

The below macros will be used in the @inbook, @incollection and @inproceedings drivers.

```

711 \renewbibmacro*{bybookauthor}{%
712   \ifnameequal{author}{bookauthor}%
713   {}%
714   {\printnames[default]{bookauthor}}}%
715
716 \newbibmacro*{xrefdata}{%
717   \iffieldundef{volume}%
718   {}%
719   {\printfield{volume}%
720     \printfield{part}%
721     \setunit{\addcolon\space}%
722     \printfield{booktitle}}}%
723   \newunit\newblock
724   \usebibmacro{byeditor+others}%
725   \newunit\newblock
726   \printfield{edition}%
727   \newunit
728   \printfield{volumes}%
729   \newunit\newblock
730   \usebibmacro{series+number}%
731   \newunit\newblock
732   \printfield{note}%
733   \newunit\newblock
734   \usebibmacro{publisher+location+date}%
735   \newunit\newblock
736   \usebibmacro{chapter+pages}%
737   \newunit\newblock
738   \iftoggle{bbx:isbn}%
739   {\printfield{isbn}}%
740   {}%
741   \newunit\newblock
742   \usebibmacro{doi+eprint+url}%
743   \newunit\newblock
744   \usebibmacro{addendum+pubstate:article-inbook-incoll}%
745   \newblock
746   \usebibmacro{phil:related}%
747   \newunit\newblock
748   \usebibmacro{pageref}%
749   \usebibmacro{finentry}}%
750
751 \newbibmacro*{crossrefdata}{%
752   \printfield{volume}%

```

```

753 \printfield{part}%
754 \newunit\newblock
755 \usebibmacro{chapter+pages}%
756 \newunit\newblock
757 \iftoggle{bbx:isbn}
758 {\printfield{isbn}}
759 {}%
760 \newunit\newblock
761 \usebibmacro{doi+eprint+url}%
762 \newblock
763 \usebibmacro{phil:related}%
764 \newunit\newblock
765 \usebibmacro{pageref}%
766 \usebibmacro{finentry}}

```

**Backward compatibility** The orig\* macros are deprecated. The same feature is now supported using the related field.

```

767 \newbibmacro*{origpublisher+origlocation+origdate}{%
768   \ifdefstring{\bbx@publocformat}{loccolonpub}
769     {\usebibmacro{origloccolonpub}\setunit{\bibpagespunct}%
770      \printfield{userc}}{\ifdefstring{\bbx@publocformat}{locpubyear}
771       {\usebibmacro{origlocpubyear}\setunit{\bibpagespunct}%
772        \printfield{userc}}
773       {\usebibmacro{origpublocyear}\setunit{\bibpagespunct}%
774        \printfield{userc}}}}
775
776 \newbibmacro*{origpublocyear}{%
777   \iflistundef{origpublisher}%
778     {\printlist{origlocation}%
779      \setunit*{\addspace}%
780      \printorigdate}%
781     {\printlist{origpublisher}%
782      \setunit*{\addcomma\space}%
783      \printlist{origlocation}%
784      \setunit*{\addspace}%
785      \printorigdate}%
786   \newunit}
787
788 \newbibmacro*{origloccolonpub}{%
789   \iflistundef{origlocation}{}%
790   {\printlist{origlocation}}%
791   \iflistundef{origpublisher}%
792   {\setunit*{\addspace}%
793    \printorigdate}%
794   {\setunit*{\addcolon\space}%
795    \printlist{origpublisher}%
796    \setunit*{\addcomma\space}%
797    \printorigdate}%
798   \newunit}
799
800 \newbibmacro*{origlocpubyear}{%

```

```

801 \iflistundef{origlocation}{}%
802 {\printlist{origlocation}}%
803 \iflistundef{origpublisher}%
804 {\setunit*{\addspace}%
805   \printorigdate}%
806 {\setunit*{\addcomma\space}%
807   \printlist{origpublisher}%
808   \setunit*{\addcomma\space}%
809   \printorigdate}%
810 \newunit}
811
812 \newbibmacro*{reprinttitle}{%
813   \iffieldundef{reprinttitle}{}{%
814     \iffieldsequal{reprinttitle}{title}{}{%
815       \printfield[title]{reprinttitle}%
816       \setunit{\addcomma\space}}}%
817   \iffieldundef{userb}{}{%
818     \printfield{userb}}}%
819
820 \newbibmacro*{transorigstring}{%
821   \iffieldundef{reprinttitle}%
822   {\printtext{\ifdefstring{\bbx@origfields}{origed}
823     {\bibstring{origpubas}}%
824     {\bibstring{translationas}}\nopunct}%
825   {\printtext{\bibstring{reprint}}}\nopunct}
826
827 \newbibmacro*{origtitle:book}{%
828   \iffieldundef{origtitle}{}{
829     \printfield[origtitle]{origtitle}%
830     \setunit{\addcomma\space}}
831   \iffieldundef{userb}{}{%
832     \printfield{userb}}}%
833
834 \newbibmacro*{origtitledata:book}{%
835   \usebibmacro{transorigstring}%
836   \iffieldundef{reprinttitle}%
837   {\usebibmacro{origtitle:book}}%
838   {\usebibmacro{reprinttitle}}%
839   \newunit\newblock
840   \usebibmacro{origpublisher+origlocation+origdate}}
841
842 \newbibmacro*{origdata:book}{%
843   \ifboolexpr{%
844     test {\iffieldundef{origtitle}}
845     and
846     test {\iffieldundef{origlocation}}
847     and
848     test {\iffieldundef{origpublisher}}
849     and
850     test {\iffieldundef{origyear}}
851   }%

```

```

852 {}%
853 {\ifdefstring{\bbx@relatedformat}{parens}
854   {\nopunct\printtext[pureparens]{\usebibmacro{origtitledata:book}}}
855   {\ifdefstring{\bbx@relatedformat}{brackets}
856     {\nopunct\printtext[brackets]{\usebibmacro{origtitledata:book}}}
857     {\setunit{\addsemicolon\space}%
858       \printtext{\usebibmacro{origtitledata:book}}}}}}
859
860 \newbibmacro*{origtitle:article-inbook-incoll}{%
861   \iffieldundef{origtitle}{}%
862   \printfield[origtitle]{origtitle}%
863   \setunit{\addcomma\space}}%
864 \iffieldundef{usera}{}%
865   \usebibmacro{in:}%
866   \printfield{usera}%
867   \setunit{\addcomma\space}}%
868 \iffieldundef{userb}{}%
869   \printfield{userb}%
870   \newunit}}
871
872 \newbibmacro*{origtitledata:article-inbook-incoll}{%
873   \usebibmacro{transorigstring}%
874   \setunit{\addspace}%
875   \usebibmacro{origtitle:article-inbook-incoll}%
876   \usebibmacro{origpublisher+origlocation+origdate}}
877
878 \newbibmacro*{origdata:article-inbook}{%
879   \iflistundef{origlocation}{}%
880   \ifdefstring{\bbx@relatedformat}{parens}
881   {\nopunct\printtext[pureparens]{%
882     \usebibmacro{origtitledata:article-inbook-incoll}}}%
883   {\ifdefstring{\bbx@relatedformat}{brackets}
884     {\nopunct\printtext[brackets]{%
885       \usebibmacro{origtitledata:article-inbook-incoll}}}%
886     {\setunit{\addsemicolon\space}%
887       \printtext{%
888         \usebibmacro{origtitledata:article-inbook-incoll}}}}}}

```

### 10.1.7 Bibliography drivers

```

889 \DeclareBibliographyDriver{article}{%
890   \usebibmacro{bibindex}%
891   \usebibmacro{begentry}%
892   \usebibmacro{author/translator+others}%
893   \setunit{\labelnamepunct}\newblock
894   \usebibmacro{title}%
895   \newunit
896   \printlist{language}%
897   \newunit\newblock
898   \usebibmacro{byauthor}%
899   \newunit\newblock

```

```

900 \usebibmacro{bytranslator+others}%
901 \newunit\newblock
902 \printfield{version}%
903 \newunit\newblock
904 \iftoggle{bbx:inbeforejournal}{\usebibmacro{in:}}{}%
905 \usebibmacro{journal+issuetitle}%
906 \newunit\newblock
907 \usebibmacro{byeditor+others}%
908 \newunit\newblock
909 \usebibmacro{note+pages}%
910 \newunit\newblock
911 \iftoggle{bbx:isbn}
912   {\printfield{issn}}
913   {}%
914 \newunit\newblock
915 \usebibmacro{doi+eprint+url}%
916 \newunit\newblock
917 \usebibmacro{addendum+pubstate:article-inbook-incoll}%
918 \newblock
919 \usebibmacro{phil:related}%
920 \newunit\newblock
921 \usebibmacro{pageref}%
922 \usebibmacro{finentry}}
923
924 \DeclareBibliographyDriver{book}{%
925   \usebibmacro{bibindex}%
926   \usebibmacro{begentry}%
927   \usebibmacro{author/editor+others/translator+others}%
928   \setunit{\labelnamepunct}\newblock
929   \usebibmacro{maintitle+title}%
930   \newunit
931   \printlist{language}%
932   \newunit\newblock
933   \usebibmacro{byauthor}%
934   \newunit\newblock
935   \usebibmacro{byeditor+others}%
936   \newunit\newblock
937   \printfield{edition}%
938   \newunit
939   \printfield{volumes}%
940   \newunit\newblock
941   \usebibmacro{series+number}%
942   \newunit\newblock
943   \printfield{note}%
944   \newunit\newblock
945   \usebibmacro{publisher+location+date}%
946   \newunit
947   \iffieldundef{maintitle}
948     {\printfield{volume}%
949       \printfield{part}}
950     {}%

```

```

951 \newunit\newblock
952 \usebibmacro{chapter+pages}%
953 \newunit
954 \printfield{pagetotal}%
955 \newunit\newblock
956 \iftoggle{bbx:isbn}
957   {\printfield{isbn}}
958   {}%
959 \newunit\newblock
960 \usebibmacro{doi+eprint+url}%
961 \newunit\newblock
962 \usebibmacro{addendum+pubstate}%
963 \newblock
964 \usebibmacro{phil:related}%
965 \newunit\newblock
966 \usebibmacro{pageref}%
967 \usebibmacro{finentry}}
968
969 \DeclareBibliographyDriver{booklet}{%
970   \usebibmacro{bibindex}%
971   \usebibmacro{begentry}%
972   \usebibmacro{author/editor+others/translator+others}%
973   \setunit{\labelnamepunct}\newblock
974   \usebibmacro{title}%
975   \newunit
976   \printlist{language}%
977   \newunit\newblock
978   \usebibmacro{byauthor}%
979   \newunit\newblock
980   \usebibmacro{byeditor+others}%
981   \newunit\newblock
982   \printfield{howpublished}%
983   \newunit\newblock
984   \printfield{type}%
985   \newunit\newblock
986   \printfield{note}%
987   \newunit\newblock
988   \usebibmacro{location+date}%
989   \newunit\newblock
990   \usebibmacro{chapter+pages}%
991   \newunit
992   \printfield{pagetotal}%
993   \newunit\newblock
994   \usebibmacro{doi+eprint+url}%
995   \newunit\newblock
996   \usebibmacro{addendum+pubstate}%
997   \newblock
998   \usebibmacro{phil:related}%
999   \newunit\newblock
1000   \usebibmacro{pageref}%
1001   \usebibmacro{finentry}}

```



```

1002
1003 \DeclareBibliographyDriver{collection}{%
1004   \usebibmacro{bibindex}%
1005   \usebibmacro{begentry}%
1006   \usebibmacro{editor+others}%
1007   \setunit{\labelnamepunct}\newblock
1008   \usebibmacro{maintitle+title}%
1009   \newunit
1010   \printlist{language}%
1011   \newunit\newblock
1012   \usebibmacro{byeditor+others}%
1013   \newunit\newblock
1014   \printfield{edition}%
1015   \newunit
1016   \iffieldundef{maintitle}
1017     {\printfield{volume}%
1018      \printfield{part}}
1019     {}%
1020   \newunit
1021   \printfield{volumes}%
1022   \newunit\newblock
1023   \usebibmacro{series+number}%
1024   \newunit\newblock
1025   \printfield{note}%
1026   \newunit\newblock
1027   \usebibmacro{publisher+location+date}%
1028   \newunit\newblock
1029   \usebibmacro{chapter+pages}%
1030   \newunit
1031   \printfield{pagetotal}%
1032   \newunit\newblock
1033   \iftoggle{bbx:isbn}
1034     {\printfield{isbn}}
1035     {}%
1036   \newunit\newblock
1037   \usebibmacro{doi+eprint+url}%
1038   \newunit\newblock
1039   \usebibmacro{addendum+pubstate}%
1040   \newblock
1041   \usebibmacro{phil:related}%
1042   \newunit\newblock
1043   \usebibmacro{pageref}%
1044   \usebibmacro{finentry}}
1045
1046 \DeclareBibliographyDriver{inbook}{%
1047   \usebibmacro{bibindex}%
1048   \usebibmacro{begentry}%
1049   \usebibmacro{author/translator+others}%
1050   \setunit{\labelnamepunct}\newblock
1051   \usebibmacro{title}%
1052   \newunit

```

```

1053 \printlist{language}%
1054 \newunit\newblock
1055 \usebibmacro{byauthor}%
1056 \newunit\newblock
1057 \usebibmacro{in:}%
1058 \iffieldundef{xref}%
1059   {\iffieldundef{crossref}{\usebibmacro{inbook:full}}}%
1060   {\bbx@crossref@inbook{\thefield{crossref}}}%
1061 \newunit\newblock
1062 \usebibmacro{crossrefdata}}}%
1063 {\bbx@crossref@inbook{\thefield{xref}}}%
1064 \newunit\newblock
1065 \usebibmacro{xrefdata}}}%
1066
1067 \newbibmacro*{inbook:full}{%
1068   \usebibmacro{bybookauthor}%
1069   \newunit\newblock
1070   \usebibmacro{maintitle+booktitle}%
1071   \newunit\newblock
1072   \usebibmacro{byeditor+others}%
1073   \newunit\newblock
1074   \printfield{edition}%
1075   \newunit
1076   \printfield{volumes}%
1077   \newunit\newblock
1078   \usebibmacro{series+number}%
1079   \newunit\newblock
1080   \printfield{note}%
1081   \newunit\newblock
1082   \usebibmacro{publisher+location+date}%
1083   \newunit
1084   \iffieldundef{maintitle}
1085     {\printfield{volume}%
1086       \printfield{part}}
1087     {}%
1088   \newunit\newblock
1089   \usebibmacro{chapter+pages}%
1090   \newunit\newblock
1091   \iftoggle{bbx:isbn}
1092     {\printfield{isbn}}
1093     {}%
1094   \newunit\newblock
1095   \usebibmacro{doi+eprint+url}%
1096   \newunit\newblock
1097   \usebibmacro{addendum+pubstate:article-inbook-incoll}%
1098   \newblock
1099   \usebibmacro{phil:related}%
1100   \newunit\newblock
1101   \usebibmacro{pageref}%
1102   \usebibmacro{finentry}}
1103

```

```

1104 \DeclareBibliographyDriver{incollection}{%
1105   \usebibmacro{bibindex}%
1106   \usebibmacro{begentry}%
1107   \usebibmacro{author/translator+others}%
1108   \setunit{\labelnamepunct}\newblock
1109   \usebibmacro{title}%
1110   \newunit
1111   \printlist{language}%
1112   \newunit\newblock
1113   \usebibmacro{byauthor}%
1114   \newunit\newblock
1115   \usebibmacro{in:}%
1116   \iffieldundef{xref}%
1117     {\iffieldundef{crossref}{\usebibmacro{incollection:full}}}%
1118     {\bbx@crossref@incollection{\thefield{crossref}}}%
1119   \newunit\newblock
1120   \usebibmacro{crossrefdata}}}%
1121   {\bbx@crossref@incollection{\thefield{xref}}}%
1122   \newunit\newblock
1123   \usebibmacro{xrefdata}}}}
1124
1125 \newbibmacro*{incollection:full}{%
1126   \usebibmacro{maintitle+booktitle}%
1127   \newunit\newblock
1128   \usebibmacro{byeditor+others}%
1129   \newunit\newblock
1130   \printfield{edition}%
1131   \newunit
1132   \printfield{volumes}%
1133   \newunit\newblock
1134   \usebibmacro{series+number}%
1135   \newunit\newblock
1136   \printfield{note}%
1137   \newunit\newblock
1138   \usebibmacro{publisher+location+date}%
1139   \newunit
1140   \iffieldundef{maintitle}
1141     {\printfield{volume}%
1142       \printfield{part}}
1143     {}%
1144   \newunit\newblock
1145   \usebibmacro{chapter+pages}%
1146   \newunit\newblock
1147   \iftoggle{bbx:isbn}
1148     {\printfield{isbn}}
1149     {}%
1150   \newunit\newblock
1151   \usebibmacro{doi+eprint+url}%
1152   \newunit\newblock
1153   \usebibmacro{addendum+pubstate:article-inbook-incoll}%
1154   \newblock

```

```

1155 \usebibmacro{phil:related}%
1156 \newunit\newblock
1157 \usebibmacro{pageref}%
1158 \usebibmacro{finentry}}
1159
1160 \DeclareBibliographyDriver{inproceedings}{%
1161 \usebibmacro{bibindex}%
1162 \usebibmacro{begentry}%
1163 \usebibmacro{author/translator+others}%
1164 \setunit{\labelnamepunct}\newblock
1165 \usebibmacro{title}%
1166 \newunit
1167 \printlist{language}%
1168 \newunit\newblock
1169 \usebibmacro{byauthor}%
1170 \newunit\newblock
1171 \usebibmacro{in:}%
1172 \iffieldundef{xref}%
1173 {\iffieldundef{crossref}{\usebibmacro{inproceedings:full}}}%
1174 {\bbx@crossref@incollection{\thefield{crossref}}}%
1175 \newunit\newblock
1176 \usebibmacro{crossrefdata}}}%
1177 {\bbx@crossref@incollection{\thefield{xref}}}%
1178 \newunit\newblock
1179 \usebibmacro{xrefdata}}}
1180
1181 \newbibmacro*{inproceedings:full}{%
1182 \usebibmacro{maintitle+booktitle}%
1183 \newunit\newblock
1184 \usebibmacro{event+venue+date}%
1185 \newunit\newblock
1186 \usebibmacro{byeditor+others}%
1187 \newunit
1188 \printfield{volumes}%
1189 \newunit\newblock
1190 \usebibmacro{series+number}%
1191 \newunit\newblock
1192 \printfield{note}%
1193 \newunit\newblock
1194 \printlist{organization}%
1195 \newunit
1196 \usebibmacro{publisher+location+date}%
1197 \newunit
1198 \iffieldundef{maintitle}
1199 {\printfield{volume}%
1200 \printfield{part}}
1201 {}%
1202 \newunit\newblock
1203 \usebibmacro{chapter+pages}%
1204 \newunit\newblock
1205 \iftoggle{bbx:isbn}

```

```

1206     {\printfield{isbn}}
1207     {}}%
1208 \newunit\newblock
1209 \usebibmacro{doi+eprint+url}%
1210 \newunit\newblock
1211 \usebibmacro{addendum+pubstate:article-inbook-incoll}%
1212 \newblock
1213 \usebibmacro{phil:related}%
1214 \newunit\newblock
1215 \usebibmacro{pageref}%
1216 \usebibmacro{finentry}}
1217
1218 \DeclareBibliographyDriver{manual}{%
1219   \usebibmacro{bibindex}%
1220   \usebibmacro{begentry}%
1221   \usebibmacro{author/editor}%
1222   \setunit{\labelnamepunct}\newblock
1223   \usebibmacro{title}%
1224   \newunit
1225   \printlist{language}%
1226   \newunit\newblock
1227   \usebibmacro{byauthor}%
1228   \newunit\newblock
1229   \usebibmacro{byeditor}%
1230   \newunit\newblock
1231   \printfield{edition}%
1232   \newunit\newblock
1233   \usebibmacro{series+number}%
1234   \newunit\newblock
1235   \printfield{type}%
1236   \newunit
1237   \printfield{version}%
1238   \newunit
1239   \printfield{note}%
1240   \newunit\newblock
1241   \printlist{organization}%
1242   \newunit
1243   \usebibmacro{publisher+location+date}%
1244   \newunit\newblock
1245   \usebibmacro{chapter+pages}%
1246   \newunit
1247   \printfield{pagetotal}%
1248   \newunit\newblock
1249   \iftoggle{bbx:isbn}
1250     {\printfield{isbn}}
1251     {}}%
1252 \newunit\newblock
1253 \usebibmacro{doi+eprint+url}%
1254 \newunit\newblock
1255 \usebibmacro{addendum+pubstate}%
1256 \newblock

```

```

1257 \usebibmacro{phil:related}%
1258 \newunit\newblock
1259 \usebibmacro{pageref}%
1260 \usebibmacro{finentry}}
1261
1262 \DeclareBibliographyDriver{misc}{%
1263 \usebibmacro{bibindex}%
1264 \usebibmacro{begentry}%
1265 \usebibmacro{author/editor+others/translator+others}%
1266 \setunit{\labelnamepunct}\newblock
1267 \usebibmacro{title}%
1268 \newunit
1269 \printlist{language}%
1270 \newunit\newblock
1271 \usebibmacro{byauthor}%
1272 \newunit\newblock
1273 \usebibmacro{byeditor+others}%
1274 \newunit\newblock
1275 \printfield{howpublished}%
1276 \newunit\newblock
1277 \printfield{type}%
1278 \newunit
1279 \printfield{version}%
1280 \newunit
1281 \printfield{note}%
1282 \newunit\newblock
1283 \usebibmacro{organization+location+date}%
1284 \newunit\newblock
1285 \usebibmacro{doi+eprint+url}%
1286 \newunit\newblock
1287 \usebibmacro{addendum+pubstate}%
1288 \newblock
1289 \usebibmacro{phil:related}%
1290 \newunit\newblock
1291 \usebibmacro{pageref}%
1292 \usebibmacro{finentry}}
1293
1294 \DeclareBibliographyDriver{online}{%
1295 \usebibmacro{bibindex}%
1296 \usebibmacro{begentry}%
1297 \usebibmacro{author/editor+others/translator+others}%
1298 \setunit{\labelnamepunct}\newblock
1299 \usebibmacro{title}%
1300 \newunit
1301 \printlist{language}%
1302 \newunit\newblock
1303 \usebibmacro{byauthor}%
1304 \newunit\newblock
1305 \usebibmacro{byeditor+others}%
1306 \newunit\newblock
1307 \printfield{version}%

```

```

1308 \newunit
1309 \printfield{note}%
1310 \newunit\newblock
1311 \printlist{organization}%
1312 \newunit\newblock
1313 \usebibmacro{date}%
1314 \newunit\newblock
1315 \iftoggle{bbx:eprint}
1316   {\usebibmacro{eprint}}
1317   {}%
1318 \newunit\newblock
1319 \usebibmacro{url+urldate}%
1320 \newunit\newblock
1321 \usebibmacro{addendum+pubstate}%
1322 \newblock
1323 \usebibmacro{phil:related}%
1324 \newunit\newblock
1325 \usebibmacro{pageref}%
1326 \usebibmacro{finentry}}
1327
1328 \DeclareBibliographyDriver{patent}{%
1329   \usebibmacro{bibindex}%
1330   \usebibmacro{begentry}%
1331   \usebibmacro{author}%
1332   \setunit{\labelnamepunct}\newblock
1333   \usebibmacro{title}%
1334   \newunit
1335   \printlist{language}%
1336   \newunit\newblock
1337   \usebibmacro{byauthor}%
1338   \newunit\newblock
1339   \printfield{type}%
1340   \setunit*\addspace%
1341   \printfield{number}%
1342   \iflistundef{location}
1343     {}
1344     {\setunit*\addspace%
1345       \printtext[parens]{%
1346         \printlist[][{-\value{listtotal}}]{location}}}%
1347   \newunit\newblock
1348   \usebibmacro{byholder}%
1349   \newunit\newblock
1350   \printfield{note}%
1351   \newunit\newblock
1352   \usebibmacro{date}%
1353   \newunit\newblock
1354   \usebibmacro{doi+eprint+url}%
1355   \newunit\newblock
1356   \usebibmacro{addendum+pubstate}%
1357   \newblock
1358   \usebibmacro{phil:related}%

```

```

1359 \newunit\newblock
1360 \usebibmacro{pageref}%
1361 \usebibmacro{finentry}}
1362
1363 \DeclareBibliographyDriver{periodical}{%
1364 \usebibmacro{bibindex}%
1365 \usebibmacro{begentry}%
1366 \usebibmacro{editor}%
1367 \setunit{\labelnamepunct}\newblock
1368 \usebibmacro{title+issuetitle}%
1369 \newunit
1370 \printlist{language}%
1371 \newunit\newblock
1372 \usebibmacro{byeditor}%
1373 \newunit\newblock
1374 \printfield{note}%
1375 \newunit\newblock
1376 \iftoggle{bbx:isbn}
1377   {\printfield{issn}}
1378   {}%
1379 \newunit\newblock
1380 \usebibmacro{doi+eprint+url}%
1381 \newunit\newblock
1382 \usebibmacro{addendum+pubstate}%
1383 \newblock
1384 \usebibmacro{phil:related}%
1385 \newunit\newblock
1386 \usebibmacro{pageref}%
1387 \usebibmacro{finentry}}
1388
1389 \DeclareBibliographyDriver{proceedings}{%
1390 \usebibmacro{bibindex}%
1391 \usebibmacro{begentry}%
1392 \usebibmacro{editor+others}%
1393 \setunit{\labelnamepunct}\newblock
1394 \usebibmacro{maintitle+title}%
1395 \newunit
1396 \printlist{language}%
1397 \newunit\newblock
1398 \usebibmacro{event+venue+date}%
1399 \newunit\newblock
1400 \usebibmacro{byeditor+others}%
1401 \newunit\newblock
1402 \iffieldundef{maintitle}
1403   {\printfield{volume}%
1404     \printfield{part}}
1405   {}%
1406 \newunit
1407 \printfield{volumes}%
1408 \newunit\newblock
1409 \usebibmacro{series+number}%

```



```

1410 \newunit\newblock
1411 \printfield{note}%
1412 \newunit\newblock
1413 \printlist{organization}%
1414 \newunit
1415 \usebibmacro{publisher+location+date}%
1416 \newunit\newblock
1417 \usebibmacro{chapter+pages}%
1418 \newunit
1419 \printfield{pagetotal}%
1420 \newunit\newblock
1421 \iftoggle{bbx:isbn}
1422   {\printfield{isbn}}
1423   {}%
1424 \newunit\newblock
1425 \usebibmacro{doi+eprint+url}%
1426 \newunit\newblock
1427 \usebibmacro{addendum+pubstate}%
1428 \newblock
1429 \usebibmacro{phil:related}%
1430 \newunit\newblock
1431 \usebibmacro{pageref}%
1432 \usebibmacro{finentry}}
1433
1434 \DeclareBibliographyDriver{report}{%
1435   \usebibmacro{bibindex}%
1436   \usebibmacro{begentry}%
1437   \usebibmacro{author}%
1438   \setunit{\labelnamepunct}\newblock
1439   \usebibmacro{title}%
1440   \newunit
1441   \printlist{language}%
1442   \newunit\newblock
1443   \usebibmacro{byauthor}%
1444   \newunit\newblock
1445   \printfield{type}%
1446   \setunit*\addspace%
1447   \printfield{number}%
1448   \newunit\newblock
1449   \printfield{version}%
1450   \newunit
1451   \printfield{note}%
1452   \newunit\newblock
1453   \usebibmacro{institution+location+date}%
1454   \newunit\newblock
1455   \usebibmacro{chapter+pages}%
1456   \newunit
1457   \printfield{pagetotal}%
1458   \newunit\newblock
1459   \iftoggle{bbx:isbn}
1460     {\printfield{isrn}}

```

```

1461     {}%
1462 \newunit\newblock
1463 \usebibmacro{doi+eprint+url}%
1464 \newunit\newblock
1465 \usebibmacro{addendum+pubstate}%
1466 \newblock
1467 \usebibmacro{phil:related}%
1468 \newunit\newblock
1469 \usebibmacro{pageref}%
1470 \usebibmacro{finentry}}
1471
1472 \DeclareBibliographyDriver{thesis}{%
1473   \usebibmacro{bibindex}%
1474   \usebibmacro{begentry}%
1475   \usebibmacro{author}%
1476   \setunit{\labelnamepunct}\newblock
1477   \usebibmacro{title}%
1478   \newunit
1479   \printlist{language}%
1480   \newunit\newblock
1481   \usebibmacro{byauthor}%
1482   \newunit\newblock
1483   \printfield{note}%
1484   \newunit\newblock
1485   \printfield{type}%
1486   \newunit
1487   \usebibmacro{institution+location+date}%
1488   \newunit\newblock
1489   \usebibmacro{chapter+pages}%
1490   \newunit
1491   \printfield{pagetotal}%
1492   \newunit\newblock
1493   \iftoggle{bbx:isbn}
1494     {\printfield{isbn}}
1495     {}%
1496   \newunit\newblock
1497   \usebibmacro{doi+eprint+url}%
1498   \newunit\newblock
1499   \usebibmacro{addendum+pubstate}%
1500   \newblock
1501   \usebibmacro{phil:related}%
1502   \newunit\newblock
1503   \usebibmacro{pageref}%
1504   \usebibmacro{finentry}}
1505
1506 \DeclareBibliographyDriver{unpublished}{%
1507   \usebibmacro{bibindex}%
1508   \usebibmacro{begentry}%
1509   \usebibmacro{author}%
1510   \setunit{\labelnamepunct}\newblock
1511   \usebibmacro{title}%

```

```

1512 \newunit
1513 \printlist{language}%
1514 \newunit\newblock
1515 \usebibmacro{byauthor}%
1516 \newunit\newblock
1517 \printfield{howpublished}%
1518 \newunit\newblock
1519 \printfield{note}%
1520 \newunit\newblock
1521 \usebibmacro{location+date}%
1522 \newunit\newblock
1523 \iftoggle{bbx:url}
1524   {\usebibmacro{url+urldate}}
1525   {%
1526 \newunit\newblock
1527 \usebibmacro{addendum+pubstate}%
1528 \newblock
1529 \usebibmacro{phil:related}%
1530 \newunit\newblock
1531 \usebibmacro{pageref}%
1532 \usebibmacro{finentry}}

```

The annotation field of the @set entry type is cleared before the first entry is processed and restored at the end of the set.

```

1533 \DeclareBibliographyDriver{set}{%
1534   \savefield{annotation}{\@phil@nnote}%
1535   \clearfield{annotation}%
1536   \entryset{}{}%
1537   \newunit\newblock
1538   \restorefield{annotation}{\@phil@nnote}%
1539   \usebibmacro{pageref}%
1540   \usebibmacro{finentry}}

```

**Experimental drivers for jurisprudence** This feature is available for now only for Italian documents.

```

1541 \DeclareFieldFormat[jurisdiction]{volume}{\RN{#1}}
1542 \DeclareFieldFormat[jurisdiction]{number}{\bibsstring{number}~{#1}}
1543 \DeclareFieldFormat[jurisdiction]{nameaddon}{%
1544   \ifinteger{#1}{\bibcpsstring{section}~\RN{#1}}{#1}}
1545 \DeclareFieldFormat[jurisdiction]{pages}{%
1546   \iffielddundef{bookpagination}{#1}{\mkpageprefix[bookpagination]{#1}}}
1547 \DeclareFieldFormat[jurisdiction]{title}{%
1548   \iffieldequalstr{entrysubtype}{international}{\mkbibemph{#1}}{#1}}
1549 \DeclareFieldFormat[jurisdiction]{notacomm}{nt\addotspace#1}

```

A new macro to manage authors of @jurisdiction entries.

```

1550 \newbibmacro*{juris:author}{%

```

Use the default name format: “name surname”

```

1551 \DeclareNameAlias{sortname}{default}%
1552 \ifboolexpr{%
1553     test \ifuseauthor
1554     and
1555     not test {\ifnameundef{author}}
1556 }%
1557 {%
1558     \iffieldequalstr{type}{conclusions}{%
1559         \printtext{Conclusioni dell'Avv\adddotspace generale}%
1560         \setunit{\addspace}}{%
1561 \printnames{author}%
1562     \iffieldundef{authortype}
1563     {}
1564     {\setunit{\addcomma\space}%
1565     \usebibmacro{authorstrg}}}%
1566 }%
1567 \iffieldequalstr{type}{conclusions}{%
1568     \setunit{\addspace}%
1569     \printtext{presentate il}%
1570     \setunit{\addspace}%
1571 }{%
1572     \setunit{\addcomma\space}%
1573     \iffieldundef{nameaddon}}{%
1574 \printtext{\printfield{nameaddon}%
1575 \setunit{\addcomma\space}}}%
1576 }%
1577     \printeventdate}
1578
1579 \newbibmacro*{addendum+pubstate:juris}{%
1580     \printfield{usera}%notacomm
1581     \newunit\newblock
1582     \printfield{addendum}%
1583     \newunit\newblock
1584     \printfield{pubstate}%
1585     \ifdefstring{\bbx@origfields}{none}}{%
1586     \newunit\newblock
1587     \usebibmacro{origdata:article-inbook}}%
1588     \newunit\newblock
1589     \usebibmacro{library}}
1590
1591 \DeclareBibliographyDriver{jurisdiction}{%
1592     \usebibmacro{bibindex}%
1593     \usebibmacro{begentry}%
1594     \usebibmacro{juris:author}%
1595     \setunit{\labelnamepunct}\newblock
1596     \usebibmacro{title}%
1597     \newunit\newblock
1598     \usebibmacro{series+number}%
1599     \printlist{language}%
1600     \newunit\newblock
1601     \usebibmacro{byauthor}%

```

```

1602 \newunit\newblock
1603 \iffieldundef{booktitle}{}{}%
1604 \usebibmacro{in:}%
1605 \usebibmacro{maintitle+booktitle}%
1606 \newunit\newblock
1607 \printdateextra
1608 \usebibmacro{byeditor+others}%
1609 \newunit\newblock
1610 \printfield{edition}%
1611 \newunit
1612% \iffieldundef{maintitle}
1613 { \printfield{volume}%
1614 \printfield{part}}
1615 {}%
1616 \newunit
1617 \printfield{volumes}%
1618 \newunit\newblock
1619 \printfield{note}%
1620 \newunit\newblock
1621 \usebibmacro{publisher+location+date}%
1622 \newunit\newblock
1623 \usebibmacro{chapter+pages}%
1624 \newunit\newblock
1625 \iftoggle{bbx:isbn}
1626 { \printfield{isbn}}
1627 {}%
1628 \newunit\newblock}
1629 \usebibmacro{doi+eprint+url}%
1630 \newunit\newblock
1631 \usebibmacro{addendum+pubstate:juris}%
1632 \newblock
1633 \usebibmacro{phil:related}%
1634 \newunit\newblock
1635 \usebibmacro{pageref}%
1636 \usebibmacro{finentry}}

```

Define new fields for @jurisdiction entry types and orig- fields mechanism:

```

1637 \DeclareStyleSourcemap{
1638 \maps[datatype=bibtex]{
1639 \map{
1640 \step[fieldsource=court , fieldtarget=author]
1641 \step[fieldsource=notacomm , fieldtarget=usera]
1642 \step[fieldsource=section , fieldtarget=nameaddon]
1643 \step[fieldsource=transdate , fieldtarget=origdate]
1644 \step[fieldsource=transtitle , fieldtarget=origtitle]
1645 \step[fieldsource=tranpublisher , fieldtarget=origpublisher]
1646 \step[fieldsource=translocation , fieldtarget=origlocation]
1647 \step[fieldsource=transbooktitle, fieldtarget=usera]
1648 \step[fieldsource=transnote , fieldtarget=userb]
1649 \step[fieldsource=transpages , fieldtarget=userc]
1650 \step[fieldsource=origbooktitle , fieldtarget=usera]

```

```

1651 \step[fieldsource=orignote      , fieldtarget=userb]
1652 \step[fieldsource=origpages    , fieldtarget=userc]
1653 }
1654 }
1655 }
1656 \DeclareDataInheritance{*}{*}{\noinherit{annotation}}
1657
1658 \DeclareFieldAlias[jurisdiction]{usera}[jurisdiction]{notacomm}
1659 \DeclareFieldAlias[jurisdiction]{nameaddon}[jurisdiction]{section}
1660 \DeclareFieldAlias[jurisdiction]{author}[jurisdiction]{court}

```

## 10.2 philosophy-verbose.bbx

### 10.2.1 Initial settings

```

1661 \RequireBibliographyStyle{authortitle}
1662 \RequireBibliographyStyle{philosophy-standard}

```

In the list of shorthands we always use the shorthand for the cross-referenced entries:

```

1663 \AtBeginShorthands{%
1664 \DeclareCiteCommand{\bbx@crossref@inbook}%
1665   {%
1666     {\iffieldundef{shorthand}%
1667       {\usebibmacro{inbook:full}}%
1668       {\usebibmacro{cite:shorthand}}}%
1669   }%
1670   {%
1671 \DeclareCiteCommand{\bbx@crossref@incollection}%
1672   {%
1673     {\iffieldundef{shorthand}%
1674       {\usebibmacro{incollection:full}}%
1675       {\usebibmacro{cite:shorthand}}}%
1676   }%
1677   }%
1678 }

```

### 10.2.2 Authors and editors

```

1679 \renewbibmacro*{author}{%
1680   \ifboolexpr{%
1681     test \ifuseauthor
1682     and
1683     not test {\ifnameundef{author}}
1684   }%
1685   {\usebibmacro{bbx:dashcheck}%
1686     {\bibnamedash}%
1687     {\printnames{author}%
1688       \iffieldundef{nameaddon}}}%
1689   {\setunit{\addspace}%
1690     \printfield{nameaddon}}%MOD
1691   \setunit{\printdelim{editorstrgdelim}}%
1692   \usebibmacro{bbx:savehash}}%

```

```

1693      \usebibmacro{authorstrg}}%
1694      {\global\undef\bbx@lasthash}}%
1695
1696 \renewbibmacro*{bbx:editor}[1]{%
1697   \ifboolexpr{%
1698     test \ifuseeditor
1699     and
1700     not test {\ifnameundef{editor}}
1701   }%
1702     {\usebibmacro{bbx:dashcheck}%
1703       {\bibnamedash}%
1704       {\printnames{editor}}%
1705 \setunit{\printdelim{editorstrgdelim}}}%MOD
1706     \usebibmacro{bbx:savehash}}%
1707     \usebibmacro{#1}%
1708     \clearname{editor}}%
1709     {\global\undef\bbx@lasthash}}%
1710
1711 \renewbibmacro*{bbx:translator}[1]{%
1712   \ifboolexpr{%
1713     test \ifusetranslator
1714     and
1715     not test {\ifnameundef{translator}}
1716   }%
1717     {\usebibmacro{bbx:dashcheck}%
1718       {\bibnamedash}%
1719       {\printnames{translator}}%
1720 \setunit{\printdelim{editorstrgdelim}}}%MOD
1721     \usebibmacro{bbx:savehash}}%
1722     \usebibmacro{#1}%
1723     \clearname{translator}}%
1724     {\global\undef\bbx@lasthash}}%
1725
1726 \newbibmacro*{nodash:author}{%
1727   \ifboolexpr{%
1728     test \ifuseauthor
1729     and
1730     not test {\ifnameundef{author}}
1731   }%
1732     {\printnames{author}%
1733       \iffieldundef{nameaddon}{}%
1734       {\setunit{\addspace}%
1735         \printfield{nameaddon}}}%
1736 \setunit{\addcomma\space}%
1737     \usebibmacro{authorstrg}}%
1738     {\global\undef\bbx@lasthash}}
1739
1740 \newbibmacro*{nodash:editor+others}{%
1741   \usebibmacro{nodash:bbx:editor}{editor+othersstrg}}%
1742 \newbibmacro*{nodash:bbx:editor}[1]{%
1743   \ifboolexpr{%

```

```

1744     test \ifuseeditor
1745     and
1746     not test {\ifnameundef{editor}}
1747   }%
1748   {\printrnames{editor}%
1749 \setunit{\addspace}%
1750   \usebibmacro{#1}%
1751   \clearname{editor}}%
1752   {\global\undef\bbx@lasthash}}
1753
1754 \newbibmacro*{nodash:author/editor+others/translator+others}{%
1755   \ifboolexpr{
1756     test \ifuseauthor
1757     and
1758     not test {\ifnameundef{author}}
1759   }
1760   {\usebibmacro{nodash:author}}
1761   {\ifboolexpr{
1762     test \ifuseeditor
1763     and
1764     not test {\ifnameundef{editor}}
1765   }
1766     {\usebibmacro{nodash:editor+others}}
1767     {\usebibmacro{translator+others}}}}
1768
1769 \renewbibmacro*{relateddate}{%
1770   \setunit*{\addspace}%
1771   \printdate\ifdefstring{\bbx@editionformat}{superscript}%
1772   {\printfield{edition}}{}}
1773 \renewbibmacro*{commarelateddate}{%
1774   \setunit*{\addcomma\space}%
1775   \printdate\ifdefstring{\bbx@editionformat}{superscript}%
1776   {\printfield{edition}}{}}

```

### 10.2.3 Cross references

```

1777 \DeclareCiteCommand{\bbx@crossref@inbook}%
1778 {}%
1779 {\ifciteseen{%
1780   \ifthenelse{\value{listtotal}=2}%
1781   {\printrnames[][-\value{maxnamesincross}]{labelname}}%
1782   {\printrnames[][-\value{minnamesincross}]{labelname}}%
1783   \setunit*{\addcomma\space}\printtext{%
1784     \printfield[citetitle]{labeltitle}%
1785     \iftoggle{cbx:commacit}{\setunit{\addcomma\space}}%
1786     {\setunit{\addspace\mid sentence}}%
1787     \bibstring{opcit}}}%
1788   {\DeclareNameAlias{sortname}{default}%
1789     \usebibmacro{usedriver:book}}}%
1790 {}%
1791 {}%
1792 \DeclareCiteCommand{\bbx@crossref@incollection}%

```



```

1793 {}%
1794 {\ifciteseen{%
1795     \ifthenelse{\value{listtotal}=2}%
1796     {\printnames[][-\value{maxnamesincross}]{labelname}}%
1797     {\printnames[][-\value{minnamesincross}]{labelname}}%
1798     \setunit*{\addspace}%
1799     \usebibmacro{editorstrg}%
1800     \setunit*{\addcomma\space}%
1801     \printtext{%
1802         \printfield[citetitle]{labeltitle}%
1803         \iftoggle{cbx:commacit}{\setunit{\addcomma\space}}%
1804         {\setunit{\addspace\midsentence}}%
1805         \bibstring{opcit}}}%
1806 {\DeclareNameAlias{sortname}{default}%
1807     \usebibmacro{usedriver:collection}}}%
1808 {}%
1809 {}%

```

#### 10.2.4 Bibliography drivers

```

1810 \DeclareBibliographyDriver{book}{%
1811     \usebibmacro{bibindex}%
1812     \usebibmacro{begentry}%
1813     \usebibmacro{author/editor+others/translator+others}%
1814     \setunit{\labelnamepunct}\newblock
1815     \usebibmacro{maintitle+title}%
1816     \newunit
1817     \printlist{language}%
1818     \newunit\newblock
1819     \usebibmacro{byauthor}%
1820     \newunit\newblock
1821     \usebibmacro{byeditor+others}%
1822     \newunit\newblock
1823     \ifdefstring{\bbx@editionformat}{superscript}{}%
1824     {\printfield{edition}%
1825     \newunit}%
1826     \printfield{volumes}%
1827     \newunit\newblock
1828     \usebibmacro{series+number}%
1829     \newunit\newblock
1830     \printfield{note}%
1831     \newunit\newblock
1832     \usebibmacro{publisher+location+date}%
1833     \newunit
1834     \iffieldundef{maintitle}
1835     {\printfield{volume}%
1836     \printfield{part}}
1837     {}%
1838     \newunit\newblock
1839     \usebibmacro{chapter+pages}%
1840     \newunit
1841     \printfield{pagetotal}%

```

```

1842 \newunit\newblock
1843 \iftoggle{bbx:isbn}
1844   {\printfield{isbn}}
1845   {}%
1846 \newunit\newblock
1847 \usebibmacro{doi+eprint+url}%
1848 \newunit\newblock
1849 \usebibmacro{addendum+pubstate}%
1850 \newblock
1851 \usebibmacro{phil:related}%
1852 \newunit\newblock
1853 \usebibmacro{pageref}%
1854 \usebibmacro{finentry}}
1855
1856 \DeclareBibliographyDriver{collection}{%
1857   \usebibmacro{bibindex}%
1858   \usebibmacro{begentry}%
1859   \usebibmacro{editor+others}%
1860   \setunit{\labelnamepunct}\newblock
1861   \usebibmacro{maintitle+title}%
1862   \newunit
1863   \printlist{language}%
1864   \newunit\newblock
1865   \usebibmacro{byeditor+others}%
1866   \newunit\newblock
1867   \ifdefstring{\bbx@editionformat}{superscript}{}%
1868   {\printfield{edition}}%
1869   \newunit}%
1870   \iffieldundef{maintitle}
1871     {\printfield{volume}}%
1872     \printfield{part}}
1873   {}%
1874 \newunit
1875 \printfield{volumes}%
1876 \newunit\newblock
1877 \usebibmacro{series+number}%
1878 \newunit\newblock
1879 \printfield{note}%
1880 \newunit\newblock
1881 \usebibmacro{publisher+location+date}%
1882 \newunit\newblock
1883 \usebibmacro{chapter+pages}%
1884 \newunit
1885 \printfield{pagetotal}%
1886 \newunit\newblock
1887 \iftoggle{bbx:isbn}
1888   {\printfield{isbn}}
1889   {}%
1890 \newunit\newblock
1891 \usebibmacro{doi+eprint+url}%
1892 \newunit\newblock

```

```

1893 \usebibmacro{addendum+pubstate}%
1894 \newblock
1895 \usebibmacro{phil:related}%
1896 \newunit\newblock
1897 \usebibmacro{pageref}%
1898 \usebibmacro{finentry}}
1899
1900 \renewbibmacro*{inbook:full}{%
1901 \usebibmacro{bybookauthor}%
1902 \newunit\newblock
1903 \usebibmacro{maintitle+booktitle}%
1904 \newunit\newblock
1905 \usebibmacro{byeditor+others}%
1906 \newunit\newblock
1907 \ifdefstring{\bbx@editionformat}{superscript}{}%
1908 {\printfield{edition}%
1909 \newunit}%
1910 \printfield{volumes}%
1911 \newunit\newblock
1912 \usebibmacro{series+number}%
1913 \newunit\newblock
1914 \printfield{note}%
1915 \newunit\newblock
1916 \usebibmacro{publisher+location+date}%
1917 \newunit
1918 \iffieldundef{maintitle}
1919 {\printfield{volume}%
1920 \printfield{part}}
1921 {}%
1922 \newunit\newblock
1923 \usebibmacro{chapter+pages}%
1924 \newunit\newblock
1925 \iftoggle{bbx:isbn}
1926 {\printfield{isbn}}
1927 {}%
1928 \newunit\newblock
1929 \usebibmacro{doi+eprint+url}%
1930 \newunit\newblock
1931 \usebibmacro{addendum+pubstate:article-inbook-incoll}%
1932 \newblock
1933 \usebibmacro{phil:related}%
1934 \newunit\newblock
1935 \usebibmacro{pageref}%
1936 \usebibmacro{finentry}}
1937
1938 \renewbibmacro*{incollection:full}{%
1939 \usebibmacro{maintitle+booktitle}%
1940 \newunit\newblock
1941 \usebibmacro{byeditor+others}%
1942 \newunit\newblock
1943 \ifdefstring{\bbx@editionformat}{superscript}{}%

```

```

1944 {\printfield{edition}%
1945 \newunit}%
1946 \printfield{volumes}%
1947 \newunit\newblock
1948 \usebibmacro{series+number}%
1949 \newunit\newblock
1950 \printfield{note}%
1951 \newunit\newblock
1952 \usebibmacro{publisher+location+date}%
1953 \newunit
1954 \iffieldundef{maintitle}
1955   {\printfield{volume}%
1956     \printfield{part}}
1957   {}%
1958 \newunit\newblock
1959 \usebibmacro{chapter+pages}%
1960 \newunit\newblock
1961 \iftoggle{bbx:isbn}
1962   {\printfield{isbn}}
1963   {}%
1964 \newunit\newblock
1965 \usebibmacro{doi+eprint+url}%
1966 \newunit\newblock
1967 \usebibmacro{addendum+pubstate:article-inbook-incoll}%
1968 \newblock
1969 \usebibmacro{phil:related}%
1970 \newunit\newblock
1971 \usebibmacro{pageref}%
1972 \usebibmacro{finentry}}
1973
1974 \DeclareBibliographyDriver{manual}{%
1975   \usebibmacro{bibindex}%
1976   \usebibmacro{begentry}%
1977   \usebibmacro{author/editor}%
1978   \setunit{\labelnamepunct}\newblock
1979   \usebibmacro{title}%
1980   \newunit
1981   \printlist{language}%
1982   \newunit\newblock
1983   \usebibmacro{byauthor}%
1984   \newunit\newblock
1985   \usebibmacro{byeditor}%
1986   \newunit\newblock
1987   \ifdefstring{\bbx@editionformat}{superscript}{}%
1988   {\printfield{edition}%
1989     \newunit\newblock}%
1990   \usebibmacro{series+number}%
1991   \newunit\newblock
1992   \printfield{type}%
1993   \newunit
1994   \printfield{version}%

```

1995 \newunit  
 1996 \printfield{note}%  
 1997 \newunit\newblock  
 1998 \printlist{organization}%  
 1999 \newunit  
 2000 \usebibmacro{publisher+location+date}%  
 2001 \newunit\newblock  
 2002 \usebibmacro{chapter+pages}%  
 2003 \newunit  
 2004 \printfield{pagetotal}%  
 2005 \newunit\newblock  
 2006 \iftoggle{bbx:isbn}  
 2007   {\printfield{isbn}}  
 2008   }%  
 2009 \newunit\newblock  
 2010 \usebibmacro{doi+eprint+url}%  
 2011 \newunit\newblock  
 2012 \usebibmacro{addendum+pubstate}%  
 2013 \newblock  
 2014 \usebibmacro{phil:related}%  
 2015 \newunit\newblock  
 2016 \usebibmacro{pageref}%  
 2017 \usebibmacro{finentry}}  
 2018  
 2019 \newbibmacro\*{usedriver:book}{%  
 2020   \usebibmacro{bibindex}%  
 2021   \usebibmacro{begentry}%  
 2022   \usebibmacro{nodash:author/editor+others/translator+others}%  
 2023   \setunit{\labelnamepunct}\newblock  
 2024   \usebibmacro{maintitle+title}%  
 2025   \newunit  
 2026   \printlist{language}%  
 2027   \newunit\newblock  
 2028   \usebibmacro{byauthor}%  
 2029   \newunit\newblock  
 2030   \usebibmacro{byeditor+others}%  
 2031   \newunit\newblock  
 2032   \ifdefstring{\bbx@editionformat}{superscript}{}%  
 2033   {\printfield{edition}}%  
 2034   \newunit}%  
 2035   \printfield{volumes}%  
 2036   \newunit\newblock  
 2037   \usebibmacro{series+number}%  
 2038   \newunit\newblock  
 2039   \printfield{note}%  
 2040   \newunit\newblock  
 2041   \usebibmacro{publisher+location+date}%  
 2042   \newunit  
 2043   \iffieldundef{maintitle}  
 2044     {\printfield{volume}}%  
 2045     \printfield{part}}

```

2046     {}%
2047 \newunit\newblock
2048 \usebibmacro{chapter+pages}%
2049 \newunit
2050 \printfield{pagetotal}%
2051 \newunit\newblock
2052 \iftoggle{bbx:isbn}
2053   {\printfield{isbn}}
2054   {}%
2055 \newunit\newblock
2056 \usebibmacro{doi+eprint+url}%
2057 \newunit\newblock
2058 \usebibmacro{addendum+pubstate}%
2059 \newblock
2060 \usebibmacro{phil:related}%
2061 \newunit\newblock
2062 \usebibmacro{pageref}%
2063 }
2064 \newbibmacro*{usedriver:collection}{%
2065   \usebibmacro{bibindex}%
2066   \usebibmacro{begentry}%
2067   \usebibmacro{nodash:editor+others}%
2068   \setunit{\labelnamepunct}\newblock%
2069   \usebibmacro{maintitle+title}%
2070   \newunit
2071   \printlist{language}%
2072   \newunit\newblock
2073   \usebibmacro{byeditor+others}%
2074   \newunit\newblock
2075   \ifdefstring{\bbx@editionformat}{superscript}{}%
2076   {\printfield{edition}%
2077   \newunit}%
2078   \iffieldundef{maintitle}
2079     {\printfield{volume}%
2080     \printfield{part}}
2081     {}%
2082 \newunit
2083 \printfield{volumes}%
2084 \newunit\newblock
2085 \usebibmacro{series+number}%
2086 \newunit\newblock
2087 \printfield{note}%
2088 \newunit\newblock
2089 \usebibmacro{publisher+location+date}%
2090 \newunit\newblock
2091 \usebibmacro{chapter+pages}%
2092 \newunit
2093 \printfield{pagetotal}%
2094 \newunit\newblock
2095 \iftoggle{bbx:isbn}
2096   {\printfield{isbn}}

```

```

2097   {}%
2098   \newunit\newblock
2099   \usebibmacro{doi+eprint+url}%
2100   \newunit\newblock
2101   \usebibmacro{addendum+pubstate}%
2102   \newblock
2103   \usebibmacro{phil:related}%
2104   \newunit\newblock
2105   \usebibmacro{pageref}%
2106   }

```

## 10.3 philosophy-classic.bbx

### 10.3.1 Initial settings

```

2107 \RequireBibliographyStyle{authoryear-comp}
2108 \RequireBibliographyStyle{philosophy-standard}
2109
2110 \newtoggle{bbx:square}
2111 \newtoggle{bbx:nodate}
2112
2113 \DeclareBibliographyOption{square}[true]{%
2114   \settoggle{bbx:square}{#1}}
2115 \DeclareBibliographyOption{nodate}[true]{%
2116   \settoggle{bbx:nodate}{#1}}

```

We define the nodate option also to be used in the optional argument of `\printbibliography`:

```

2117 \blx@kv@defkey{blx@bib1}{nodate}[]{}%
2118 \blx@kv@defkey{blx@bib2}{nodate}[true]{%
2119   \ifstrequal{#1}{false}{\togglefalse{bbx:nodate}}{}}%

```

The `mergedate` option from `authoryear.bbx` must be completely redefined. We actually revise only the `date+extradate` macro and all the `issue+date` macros except for that one in the `\bbx@opt@mergedate@maximum`. The test `\ifbool{expr}` is required to make `bbx:nodate` macro work properly and the `\postsepyear` command is used to surround the date label with a box of fixed width.

```

2120 \def\bbx@opt@mergedate@maximum{%
2121   \renewbibmacro*{date+extradate}{%
2122     \iffielddundef{labelyear}
2123       {\usebibmacro{bbx:nodate}}
2124       {\postsepyear{%
2125         \iflabeldateisdate
2126           {\printfield{issue}%
2127             \setunit*{\addspace}%
2128             \printdateextra}
2129           {\printlabeldateextra}}}%
2130   \renewbibmacro*{bbx:ifmergeddate}{\iflabeldateisdate}%
2131   \renewbibmacro*{date}{%
2132     \iflabeldateisdate
2133       {}
2134       {\printdate}}%

```

```

2135 \renewbibmacro*{issue+date}{%
2136 \usebibmacro{bbx:ifmergeddate}
2137 {}
2138 {\ifdefstring{\bbx@volnumformat}{parens}%
2139 {\printtext{%
2140 \printfield{issue}%
2141 \setunit*{\addspace}%
2142 \printdate}}
2143 {\printtext[pureparens]{%
2144 \printfield{issue}%
2145 \setunit*{\addspace}%
2146 \printdate}}}}
2147 \def\bbx@opt@mergedate@compact{%
2148 \renewbibmacro*{date+extradate}{%
2149 \iffieldundef{labelyear}
2150 {\usebibmacro{bbx:nodate}}
2151 {\postsepyear{%
2152 \iflabeldateisdate
2153 {\printdateextra}
2154 {\printlabeldateextra}}}}}%
2155 \renewbibmacro*{bbx:ifmergeddate}{\iflabeldateisdate}%
2156 \renewbibmacro*{date}{%
2157 \iflabeldateisdate
2158 {}
2159 {\printdate}}%
2160 \renewbibmacro*{issue+date}{%
2161 \ifboolexpr{not test {\iffieldundef{issue}}
2162 or not test {\iflabeldateisdate}}
2163 {\ifdefstring{\bbx@volnumformat}{parens}%
2164 {\printtext{%
2165 \printfield{issue}%
2166 \setunit*{\addspace}%
2167 \usebibmacro{bbx:ifmergeddate}
2168 {}
2169 {\printdate}}%
2170 }}%
2171 {\printtext[pureparens]{%
2172 \printfield{issue}%
2173 \setunit*{\addspace}%
2174 \usebibmacro{bbx:ifmergeddate}
2175 {}
2176 {\printdate}}%
2177 }}}
2178 {}}%
2179 \newunit}}
2180 \def\bbx@opt@mergedate@basic{%
2181 \renewbibmacro*{date+extradate}{%
2182 \iffieldundef{labelyear}
2183 {\usebibmacro{bbx:nodate}}
2184 {\postsepyear{\printlabeldateextra}}}%
2185 \renewbibmacro*{bbx:ifmergeddate}{%

```



```

2186 \ifboolexpr{
2187   test {\iflabeldateisdate}
2188   and
2189   not test {\ifdateshavedifferentprecision{label}{}}
2190 }%
2191}%
2192 \renewbibmacro*{date}{%
2193   \ifboolexpr{
2194     test {\iflabeldateisdate}
2195     and
2196     not test {\ifdateshavedifferentprecision{label}{}}
2197   }
2198   {}
2199   {\printdate}}%
2200 \renewbibmacro*{issue+date}{%
2201   \ifboolexpr{
2202     test {\usebibmacro{bbx:ifmergeddate}}
2203     and
2204     test {\iffieldundef{issue}}
2205   }
2206 {}
2207   {\ifdefstring{\bbx@volnumformat}{parens}%
2208     {\printtext{%
2209       \printfield{issue}%
2210       \setunit*{\addspace}%
2211       \printdate}}
2212     {\printtext[parens]{%
2213       \printfield{issue}%
2214       \setunit*{\addspace}%
2215       \printdate}}}%
2216   \newunit}}
2217 \def\bbx@opt@mergedate@minimum{%
2218   \renewbibmacro*{date+extradate}{%
2219     \iffieldundef{labelyear}
2220     {\usebibmacro{bbx:nodate}}
2221     {\postsepyear{\printlabeldateextra}}}%
2222 \renewbibmacro*{bbx:ifmergeddate}{%
2223   \ifboolexpr{
2224     test {\iflabeldateisdate}
2225     and
2226     not test {\ifdateshavedifferentprecision{label}{}}
2227     and
2228     test {\iffieldundef{extradate}}
2229   }%
2230}%
2231 \renewbibmacro*{date}{%
2232   \ifboolexpr{
2233     test {\iflabeldateisdate}
2234     and
2235     not test {\ifdateshavedifferentprecision{label}{}}
2236     and

```

```

2237     test {\iffieldundef{extradate}}
2238   }
2239   {}
2240   {\printdate}}%
2241 \renewbibmacro*{issue+date}{%
2242   \ifboolexpr{
2243     test {\usebibmacro{bbx:ifmergeddate}}
2244     and
2245     test {\iffieldundef{issue}}
2246   }
2247 {}
2248   {\ifdefstring{\bbx@volnumformat}{parens}%
2249     {\printtext{%
2250       \printfield{issue}%
2251       \setunit*{\addspace}%
2252       \printdate}}
2253     {\printtext[pureparens]{%
2254       \printfield{issue}%
2255       \setunit*{\addspace}%
2256       \printdate}}}%
2257   \newunit}}
2258 \def\bbx@opt@mergedate@false{%
2259   \renewbibmacro*{date+extradate}{%
2260     \iffieldundef{labelyear}
2261     {\usebibmacro{bbx:nodate}}
2262     {\postsepyear{\printlabeldateextra}}}%
2263 \renewbibmacro*{bbx:ifmergeddate}{\@secondoftwo}%
2264 \renewbibmacro*{date}{\printdate}%
2265 \renewbibmacro*{issue+date}{%
2266   \ifdefstring{\bbx@volnumformat}{parens}%
2267   {\printtext{%
2268     \printfield{issue}%
2269     \setunit*{\addspace}%
2270     \usebibmacro{date}}}
2271   {\printtext[pureparens]{%
2272     \printfield{issue}%
2273     \setunit*{\addspace}%
2274     \usebibmacro{date}}}%
2275   \newunit}}

```

Now we can execute all the style-specific options previously defined. We also define other default options according to the style features.

```

2276 \ExecuteBibliographyOptions{%
2277   nodate      = true,
2278   mergedate   = basic,
2279   uniquename  = false,
2280   pagetracker = true,
2281   singletitle = false,
2282   square      = false,
2283   dashed      = true,
2284 }

```

The `\postsepyear` is introduced here for convenience. It will be significantly redefined in `philosophy-modern.bbx` below.

```

2285 \newcommand*{\postsepyear}[1]{%
2286   \printtext[parens]{#1}}
2287 \newbibmacro*{bbx:nodate}{%
2288   \iftoggle{bbx:nodate}{%
2289     \postsepyear{\midsentence\bibstring{nodate}}{}}}
```

The classic and modern styles redefine the `relateddate` and `commarelateddate` macros because the date has to be printed after the name of the author/editor. In the list of shorthands we need a standard entry, with the date at the end and no date after the name of the author/editor. So we overwrite these macros locally.

```

2290 \AtBeginShorthands{%
2291 \renewcommand{\labelnamepunct}{\addcomma\space}%
2292 \renewbibmacro*{relateddate}{%
2293   \setunit*{\addspace}%
2294   \printdate}%
2295 \renewbibmacro*{commarelateddate}{%
2296   \setunit*{\addcomma\space}%
2297   \printdate}%
```

In the list of shorthands the author-date format is useless but the cross-referenced entries still require this format. So we first save the `date+extradate` then we redefine it so that it print nothing and finally we restore it in the definition of `\bbx@crossref@inbook` command. The redefinition of `\postsepyear` is also required here because the next codes are inherited by the modern style which globally define `\postsepyear`.

```

2298 \savebibmacro{date+extradate}
2299 \renewbibmacro*{date+extradate}{}
2300 \DeclareCiteCommand{\bbx@crossref@inbook}
2301   {\renewcommand*{\postsepyear}{\printtext[parens]}}%
2302   \restorebibmacro{date+extradate}}%
2303   {\iffielddundef{shorthand}{%
2304     \usebibmacro{citeindex}%
2305     \ifuseeditor{%
2306       \ifthenelse{\value{listtotal}=2}%
2307         {\printnames[][-\value{maxnamesincross}]{labelname}}%
2308         {\printnames[][-\value{minnamesincross}]{labelname}}}%
2309     {\usebibmacro{labeltitle}}}%
2310   \setunit*{\addspace}%
2311   \usebibmacro{date+extradate}}%
2312   {\usebibmacro{cite:shorthand}}}%
2313   {}%
2314   {}%
2315 \DeclareCiteCommand{\bbx@crossref@incollection}%
2316   {\renewcommand*{\postsepyear}{\printtext[parens]}}%
2317   \restorebibmacro{date+extradate}}%
2318   {\iffielddundef{shorthand}{%
2319     \usebibmacro{citeindex}%
2320     \ifuseeditor{%
```

```

2321 \ifthenelse{\value{listtotal}=2}%
2322   {\printnames[][-\value{maxnamesincross}]{labelname}}%
2323   {\printnames[][-\value{minnamesincross}]{labelname}}}%
2324   {\usebibmacro{labeltitle}}%
2325   \setunit*{\addspace}%
2326   \usebibmacro{date+extradate}}%
2327   {\usebibmacro{cite:shorthand}}}%
2328 {}%
2329 {}%
2330 }%

```

The `editionformat=superscript` is not available for classic and modern styles so if used it produces an error message.

```

2331 \AtBeginDocument{%
2332   \ifdefstring{\bbx@editionformat}{superscript}%
2333   {\ClassError{biblatex-philosophy}
2334    {\MessageBreak**** Option 'editionformat=superscript'
2335     available only for philosophy-verbose style}
2336    {\MessageBreak**** Option 'editionformat=superscript'
2337     available only for philosophy-verbose style}}{}
2338   \iftoggle{bbx:square}
2339   {\renewcommand{\bibopenparen}{\bibopenbracket}}%
2340   {\renewcommand{\bibcloseparen}{\bibclosebracket}}%
2341   {}%
2342   \setcounter{maxnamesincross}{\value{maxnames}}%
2343   \setcounter{minnamesincross}{\value{minnames}}%
2344 }%
2345 \AtEveryBibitem{%
2346   \iffieldequalstr{entrysubtype}{classic}{%
2347     \togglefalse{bbx:nodate}}}%
2348 }%

```

We redefine the `relateddate` bibliography macro to delete the date at the end of the entry.

```

2349 \renewbibmacro*{relateddate}{}
2350 \renewbibmacro*{commarelateddate}{}

```

### 10.3.2 Authors and editors

In the author macro add the `nameaddon` test which prints the `nameaddon` field (if defined) inside brackets. Moreover we use the new `editorstrgdelim` delimiter previously defined in `philosophy-standard.bbx` which defaults to `\addspace`. In the `editor` macro we modify only the line which uses the `editorstrgdelim` delimiter. In the `translator` macro we modify also the line with `#1` (this is missing in the code provided by `authoryear.bbx`).

```

2351 \renewbibmacro*{author}{%
2352   \ifboolexpr{
2353     test \ifuseauthor
2354     and
2355     not test {\ifnameundef{author}}
2356   }
2357   {\usebibmacro{bbx:dashcheck}

```

```

2358     {\bibnamedash}
2359     {\usebibmacro{bbx:savehash}%
2360      \printnames{author}%
2361      \iffieldundef{nameaddon}{}%
2362      {\setunit{\addspace}%
2363       \printfield{nameaddon}}}%*
2364     \iffieldundef{authortype}
2365       {\setunit{\printdelim{nameyeardelim}}}
2366       {\setunit{\printdelim{editorstrgdelim}}}}}%*
2367   \iffieldundef{authortype}
2368     {}
2369     {\usebibmacro{authorstrg}%
2370      \setunit{\printdelim{nameyeardelim}}}}}%
2371   {\global\undef\bbx@lasthash
2372    \usebibmacro{labeltitle}%
2373    \setunit*{\printdelim{nonameyeardelim}}}%
2374   \usebibmacro{date+extradate}}
2375
2376 \renewbibmacro*{bbx:editor}[1]{%
2377   \ifboolexpr{
2378     test \ifuseeditor
2379     and
2380     not test {\ifnameundef{editor}}
2381   }
2382   {\usebibmacro{bbx:dashcheck}
2383    {\bibnamedash}
2384    {\printnames{editor}%
2385     \setunit{\printdelim{editorstrgdelim}}}%MOD
2386    \usebibmacro{bbx:savehash}}}%
2387   \usebibmacro{#1}%
2388   \clearname{editor}%
2389   \setunit{\printdelim{nameyeardelim}}}%
2390   {\global\undef\bbx@lasthash
2391    \usebibmacro{labeltitle}%
2392    \setunit*{\printdelim{nonameyeardelim}}}%
2393   \usebibmacro{date+extradate}}
2394
2395 \renewbibmacro*{bbx:translator}[1]{%
2396   \ifboolexpr{
2397     test \ifusetranslator
2398     and
2399     not test {\ifnameundef{translator}}
2400   }
2401   {\usebibmacro{bbx:dashcheck}
2402    {\bibnamedash}
2403    {\printnames{translator}%
2404     \setunit{\printdelim{editorstrgdelim}}}%MOD
2405    \usebibmacro{bbx:savehash}}}%
2406   \usebibmacro{#1}%MOD
2407   \clearname{translator}%
2408   \setunit{\printdelim{nameyeardelim}}}%

```

```

2409   {\global\undef\bbx@lasthash
2410     \usebibmacro{labeltitle}%
2411     \setunit*{\printdelim{nonameyeardelim}}}%
2412   \usebibmacro{date+extradate}}

```

When the @incollections entries have no author, editor or translator the title is used in place of the label. As the title is printed inside quotes by default, the closing quotes end on a new line when using the modern style. This is strange and, at least for me, unexpected. To avoid it we add \blx@postpunct.

```

2413 \renewbibmacro*{labeltitle}{%
2414   \iffieldundef{label}
2415     {\iffieldundef{shorttitle}
2416       {\printfield{title}%
2417         \clearfield{title}}
2418       {\printfield[title]{shorttitle}}\blx@postpunct}
2419   {\printfield{label}}}

```

### 10.3.3 Cross references

```

2420 \DeclareCiteCommand{\bbx@crossref@inbook}%
2421   {}%
2422   {\usebibmacro{citeindex}%
2423     \ifuseeditor{%
2424       \ifthenelse{\value{listtotal}=2}%
2425         {\printnames[][-\value{maxnamesincross}]{labelname}}%
2426         {\printnames[][-\value{minnamesincross}]{labelname}}}%
2427     {\usebibmacro{labeltitle}}%
2428     \setunit*{\addspace}%
2429     \printtext[bibhyperref]{\usebibmacro{date+extradate}}}%
2430   {}%
2431   {}%
2432 \DeclareCiteCommand{\bbx@crossref@incollection}%
2433   {}%
2434   {\usebibmacro{citeindex}%
2435     \ifuseeditor{%
2436       \ifthenelse{\value{listtotal}=2}%
2437         {\printnames[][-\value{maxnamesincross}]{labelname}}%
2438         {\printnames[][-\value{minnamesincross}]{labelname}}}%
2439     {\usebibmacro{labeltitle}}%
2440     \setunit*{\addspace}%
2441     \printtext[bibhyperref]{\usebibmacro{date+extradate}}}%
2442   {}%
2443   {}%

```

## 10.4 philosophy-modern.bbx

### 10.4.1 Initial settings

```

2444 \RequireBibliographyStyle{philosophy-classic}

```

The modern style has only one specific option (yearleft) which is turned off by default. The

other compatible option is `nodate` and is inherited from `philosophy-classic.bbx`.

```
2445 \newtoggle{bbx:yearleft}
2446 \DeclareBibliographyOption{yearleft}[true]{%
2447   \settoggle{bbx:yearleft}{#1}}
```

We define here the `restoreclassic` option for the `\printbibliography` and `\printbiblist` commands.

```
2448 \blx@kv@defkey{blx@biblist1}{restoreclassic}[]{}
2449 \blx@kv@defkey{blx@biblist2}{restoreclassic}[true]{\blx@kv@setkeys{blx@bib2}{restoreclassic}}
2450 \blx@kv@defkey{blx@bib1}{restoreclassic}[]{}
2451 \blx@kv@defkey{blx@bib2}{restoreclassic}[true]{%
2452   \ifstrequal{#1}{true}{%
2453     \setlength{\bibhang}{\parindent}%
2454     \renewcommand{\labelnamepunct}{\newunitpunct}%
2455     \renewcommand*\{\postsepyear}[1]{\printtext[parens]{##1}}%
2456     \renewbibmacro*{author}{%
2457       \ifboolexpr{
2458         test \ifuseauthor
2459         and
2460         not test {\ifnameundef{author}}
2461       }
2462       {\usebibmacro{bbx:dashcheck}
2463         {\bibnamedash}%
2464         {\usebibmacro{bbx:savehash}%
2465           \printnames{author}%
2466           \iffieldundef{nameaddon}{}%
2467           {\setunit{\addspace}%
2468             \printfield{nameaddon}}}%*
2469           \iffieldundef{authortype}
2470             {\setunit{\printdelim{nameyeardelim}}}%
2471             {\setunit{\printdelim{editorstrgdelim}}}}}%*
2472         \iffieldundef{authortype}
2473         {}%
2474         {\usebibmacro{authorstrg}%
2475           \setunit{\printdelim{nameyeardelim}}}%
2476       {\global\undef\bbx@lasthash
2477         \usebibmacro{labeltitle}%
2478         \setunit*\{\printdelim{nonameyeardelim}}}%
2479       \usebibmacro{date+extradate}}%
2480 \renewbibmacro*{bbx:editor}[1]{%
2481   \ifboolexpr{
2482     test \ifuseeditor
2483     and
2484     not test {\ifnameundef{editor}}
2485   }
2486   {\usebibmacro{bbx:dashcheck}
2487     {\bibnamedash}%
2488     {\printnames{editor}%
2489       \setunit{\printdelim{editorstrgdelim}}}%
2490     \usebibmacro{bbx:savehash}}%
```

```

2491 \usebibmacro{##1}%
2492 \clearname{editor}%
2493 \setunit{\printdelim{nameyeardelim}}}%
2494 {\global\undef\bbx@lasthash
2495 \usebibmacro{labeltitle}%
2496 \setunit*\printdelim{nonameyeardelim}}}%
2497 \usebibmacro{date+extradate}}%
2498 \renewbibmacro*{bbx:translator}[1]{%
2499 \ifboolexpr{
2500   test \ifsettranslator
2501   and
2502   not test {\ifnameundef{translator}}
2503 }
2504 {\usebibmacro{bbx:dashcheck}
2505   {\bibnamedash}%
2506   {\printnames{translator}%
2507     \setunit{\printdelim{editorstrgdelim}}}%
2508   \usebibmacro{bbx:savehash}}}%
2509 \usebibmacro{##1}%
2510 \clearname{translator}%
2511 \setunit{\printdelim{nameyeardelim}}}%
2512 {\global\undef\bbx@lasthash
2513 \usebibmacro{labeltitle}%
2514 \setunit*\printdelim{nonameyeardelim}}}%
2515 \usebibmacro{date+extradate}}%
2516 }{}%

```

Execute default options.

```

2517 \ExecuteBibliographyOptions{yearleft=false}

```

The separator to be printed after the name is omitted in the modern style.

```

2518 \renewcommand{\labelnamepunct}{}

```

We declare and set two new lengths: \yeartitle and \postnamesep.

```

2519 \newlength{\yeartitle}
2520 \newlength{\postnamesep}
2521 \setlength{\yeartitle}{0.8em}
2522 \setlength{\postnamesep}{0.5ex plus 2pt minus 1pt}

```

These three standard lengths are redefined according to the desired characteristics.

```

2523 \setlength{\bibitemsep}{\postnamesep}
2524 \setlength{\bibnamesep}{1.5ex plus 2pt minus 1pt}
2525 \setlength{\bibhang}{4\parindent}

```

In the list of shorthands we in fact restore the classic style resetting \postsep and \labelnamepunct.

```

2526 \AtBeginShorthands{%
2527   \renewcommand{\postsep}{\addspace}%
2528   \renewcommand{\labelnamepunct}{\newunitpunct}}

```



```

2529 \AtBeginBibliography{%
2530   \iftoggle{bbx:yearleft}{%
2531     \setlength{\yeartitle}{\fill}}{}}

```

The next two codes are the core of the modern style. `\postsep` is the space to be printed after the name (author/editor...) and `\postsepyear` sets the box that encloses the date label. `\nopunct` is required to remove the potential punctuation in the field to be printed after the date label. This is useful for entries without an author or an editor such as `@periodical` or `@online`.

```

2532 \newcommand{\postsep}{%
2533   \null\par\nobreak\vskip\postnamesep%
2534   \hskip-\bibhang\ignorespaces}
2535 \renewcommand*{\postsepyear}[1]{%
2536   \printtext{\makebox[\bibhang][r]{%
2537     #1\hskip\yeartitle}}\nopunct}
2538 \renewbibmacro*{bbx:nodate}{%
2539   \postsepyear{%
2540     \iftoggle{bbx:nodate}{%
2541       \midsentence\bibstring{nodate}}{}}}

```

#### 10.4.2 Authors and editors

```

2542 \renewbibmacro*{author}{%
2543   \ifboolexpr{
2544     test \ifuseauthor
2545     and
2546     not test {\ifnameundef{author}}
2547   }
2548   {\usebibmacro{bbx:dashcheck}
2549     {}%
2550     {\usebibmacro{bbx:savehash}%
2551       \printnames{author}%
2552       \iffieldundef{nameaddon}{}%
2553       {\setunit{\addspace}%
2554         \printfield{nameaddon}}}%*
2555     \postsep}%
2556   \usebibmacro{date+extradate}%
2557   \iffieldundef{authortype}
2558     {}%
2559     {\usebibmacro{authorstrg}%
2560       \printtext{\addcomma\space}}}%
2561   {\global\undef\bbx@lasthash
2562     \usebibmacro{labeltitle}%
2563     \postsep%
2564     \usebibmacro{date+extradate}%
2565     }%
2566   }
2567
2568 \renewbibmacro*{bbx:editor}[1]{%
2569   \ifboolexpr{
2570     test \ifuseeditor

```

```

2571     and
2572     not test {\ifnameundef{editor}}
2573 }%
2574 {\usebibmacro{bbx:dashcheck}%
2575  {}%
2576  {\printnames{editor}%
2577   \postsep%
2578   \usebibmacro{bbx:savehash}}}%
2579   \usebibmacro{date+extradate}%
2580   \usebibmacro{#1}%
2581   \clearname{editor}%
2582   \printtext{\addcomma\space}%
2583 }%
2584 {\global\undef\bbx@lasthash%
2585  \usebibmacro{labeltitle}%
2586  \postsep%
2587  \usebibmacro{date+extradate}%
2588 }%
2589 }%
2590
2591 \renewbibmacro*{bbx:translator}[1]{%
2592  \ifboolexpr{%
2593    test \ifsettranslator
2594    and
2595    not test {\ifnameundef{translator}}
2596  }%
2597  {\usebibmacro{bbx:dashcheck}%
2598   {}%
2599   {\printnames{translator}%
2600    \postsep%
2601    \usebibmacro{bbx:savehash}}}%
2602    \usebibmacro{date+extradate}%
2603    \usebibmacro{#1}%
2604    \clearname{translator}%
2605    \printtext{\addcomma\space}%
2606  }%
2607  {\global\undef\bbx@lasthash%
2608   \usebibmacro{labeltitle}%
2609   \postsep%
2610   \usebibmacro{date+extradate}%
2611  }%
2612 }%

```

### 10.4.3 Cross references

```

2613 \DeclareCiteCommand{\bbx@crossref@inbook}%
2614  {\renewcommand*{\postsepyear}{\printtext[parens]}}%
2615  {\usebibmacro{citeindex}%
2616   \ifuseeditor{%
2617     \ifthenelse{\value{listtotal}=2}%
2618     {\printnames[][-\value{maxnamesincross}]{labelname}}%
2619     {\printnames[][-\value{minnamesincross}]{labelname}}}%

```

```

2620     {\usebibmacro{labeltitle}}%
2621     \setunit*{\addspace}%
2622     \printtext[bibhyperref]{\usebibmacro{date+extradate}}}%
2623     {}%
2624     {}%
2625 \DeclareCiteCommand{\bbx@crossref@incollection}%
2626   {\renewcommand*{\postsepyear}{\printtext[parens]}}%
2627   {\usebibmacro{citeindex}%
2628     \ifuseeditor{%
2629       \ifthenelse{\value{listtotal}=2}%
2630         {\printnames[][-\value{maxnamesincross}]{labelname}}%
2631         {\printnames[][-\value{minnamesincross}]{labelname}}}%
2632     {\usebibmacro{labeltitle}}%
2633     \setunit*{\addspace}%
2634     \printtext[bibhyperref]{\usebibmacro{date+extradate}}}%
2635     {}%
2636     {}%

```

## 10.5 Bibliography drivers

In the @set entry type we restore the classic style from the second entry onward, using the entrysetcount counter. The annotation field is cleared before the first entry is processed and restored at the end of the set.

```

2637 \DeclareBibliographyDriver{set}{%
2638   \savefield{annotation}{\@phil@nnote}%
2639   \clearfield{annotation}%
2640   \entryset{\ifnumgreater\thefield{entrysetcount}{1}%
2641     {\blx@kv@setkeys{blx@bib2}{restoreclassic}}{}{}}%
2642   \newunit\newblock
2643   \restorefield{annotation}{\@phil@nnote}%
2644   \usebibmacro{pageref}%
2645   \usebibmacro{finentry}}

```

## 10.6 philosophy-verbose.cbx

### 10.6.1 Initial settings

```

2646 \RequireCitationStyle{verbose-trad2}
2647
2648 \newtoggle{cbx:commacit}
2649
2650 \DeclareBibliographyOption{commacit}[true]{%
2651   \settoggle{cbx:commacit}{#1}}
2652
2653 \ExecuteBibliographyOptions{%
2654   idemtracker=false,
2655   loccittracker=strict,
2656   commacit=false}

```

The annotation field is omitted in every citation:

```
2657 \AtEveryCite{\togglefalse{bbx:annotation}}
```

### 10.6.2 New macros

These two macros come from `verbose-trad1.cbx` without any changes:

```
2658 \newbibmacro*{cite:opcit}{%
2659   \printtext[bibhyperlink]{\bibstring[\mkibid]{opcited}}
2660
2661 \newbibmacro*{cite:loccit}{%
2662   \printtext{%
2663     \bibhyperlink{cite\csuse{cbx@lastcite@thefield{entrykey}}}{%
2664       \bibstring[\mkibid]{loccit}}}%
2665   \global\toggletrue{cbx:loccit}}
```

The following macros come from `verbose-trad2.cbx` and has been redefined according to the desired features.

```
2666 \renewbibmacro*{cite:ibid}{%
2667   \ifloccit
2668   {\usebibmacro{cite:loccit}}{%
2669     \printtext{%
2670       \bibhyperlink{cite\csuse{cbx@lastcite@thefield{entrykey}}}{%
2671         \bibstring[\mkibid]{ibidem}}}%
2672
2673 \renewbibmacro*{cite:title}{%
2674   \ifsingletitle{\usebibmacro{cite:opcit}}{%
2675     \printtext[bibhyperlink]{%
2676       \printfield[citetitle]{labeltitle}%
2677       \iftoggle{cbx:commacit}{\setunit{\addcomma\space}}%
2678       {\setunit{\addspace\midsentence}}}%
2679     \bibstring{opcit}}}
```

### 10.6.3 Citation commands

The `cite:full` macro employs the bibliography driver to print the entry so it has to be redefined in order to use the `scdefault` name format when `scauthor=cite` or `scauthor=full` options are active. The test for the `shorthandintro` option allows for shorthand also in the first citation of an entry.

```
2680 \newbibmacro{cite:full:noshorthand}{%
2681   \usebibmacro{cite:full:citepages}%
2682   \global\toggletrue{cbx:fullcite}%
2683   \printtext[bibhypertarget]{%
2684     \usedriver
2685     {\iftoggle{cbx:scauthorscite}{%
2686       \DeclareNameAlias{sortname}{scdefault}}%
2687     {\DeclareNameAlias{sortname}{default}}}%
2688     {\thefield{entrytype}}}%
2689
2690 \renewbibmacro*{cite:full}{%
2691   \iffieldundef{shorthand}
```

```

2692 {\usebibmacro{cite:full:noshorthand}}
2693 {\iftoggle{cbx:shorthandintro}
2694   {\usebibmacro{cite:full:noshorthand}%
2695     \usebibmacro{shorthandintro}}%
2696   {\usebibmacro{cite:shorthand}}}}
2697
2698 \renewbibmacro*{cite:idem}{%
2699   \iftoggle{cbx:scauthorcite}{%
2700     \bibstring[\mkbibsc]{idem\thefield{gender}}}%
2701     \bibstring[\mkibid]{idem\thefield{gender}}}%
2702   \setunit{\nametitledelim}}

```

A new macro to be used in the new `\ccite` command defined below.

```

2703 \newbibmacro*{ccite:cite}{%
2704 %   \usebibmacro{related:clearauthors}%
2705   \usebibmacro{cite:citepages}%
2706   \global\togglefalse{cbx:fullcite}%
2707   \global\togglefalse{cbx:locit}%
2708   \bibhypertarget{cite\the\value{instcount}}{%
2709     \ifciteseen
2710       {\iffieldundef{shorthand}
2711         {\usebibmacro{cite:title}%
2712           \usebibmacro{cite:save}}
2713         {\usebibmacro{cite:shorthand}}}
2714       {\usebibmacro{cite:full}%
2715         \usebibmacro{cite:save}}}}

```

The `\fullcite` command employs the bibliography driver to print the entry so it has to be redefined in order to use the `scdefault` name format with `scauthor=cite` or `scauthor=full` options.

```

2716 \DeclareCiteCommand{\fullcite}
2717   {\usebibmacro{prenote}}
2718   {\usedriver
2719     {\iftoggle{cbx:scauthorcite}%
2720       {\DeclareNameAlias{sortname}{scdefault}}%
2721       {\DeclareNameAlias{sortname}{default}}}%
2722     {\thefield{entrytype}}}
2723   {\multicitedelim}
2724   {\usebibmacro{postnote}}

```

This is the only new citation command introduced by the verbose style. It is similar to `\cite` but omits the author.

```

2725 \DeclareCiteCommand{\ccite}
2726   {\usebibmacro{prenote}}%
2727   {\usebibmacro{citeindex}%
2728     \usebibmacro{ccite:cite}}
2729   {\multicitedelim}
2730   {\usebibmacro{cite:postnote}}

```

## 10.7 philosophy-classic.cbx

### 10.7.1 Initial settings

```
2731 \RequireCitationStyle{authoryear-comp}
2732
2733 \ExecuteBibliographyOptions{citetracker}
2734
2735 \newcommand{\switchATAY}[2]{%
2736   \iffieldequalstr{entrysubtype}{classic}%
2737     {\usebibmacro{#1}}%
2738     {\usebibmacro{#2}}}
```

### 10.7.2 New macros

The `cbx:testshorthand` macro provide a test for the `shorthandintro` option. This is the same for both author-title and author-year styles. The shorthand intro is printed only if the `shorthandintro` option is active and the entry has not been previously cited. Note that this macro is used only when the shorthand exists (see below).

```
2739 \newbibmacro*{cbx:testshorthand}[1]{%
2740 \ifboolexpr{
2741   not test {\iftoggle{cbx:shorthandintro}}
2742   or
2743   test \ifciteseen}
2744   {\usebibmacro{cite:shorthand}}{\usebibmacro{#1}%
2745     \usebibmacro{shorthandintro}}}
```

**Author-title macros** Import from `authortitle-comp.cbx` all the macros but `cite:shorthand` that has been loaded above.

```
2746 \newbibmacro*{cite:init:AT}{%
2747   \ifnumless{\value{multicitecount}}{2}
2748     {\global\boolfalse{cbx:parens}%
2749       \global\undef\cbx@lasthash}%
2750     {\iffieldundef{prenote}%
2751       {}%
2752       {\global\undef\cbx@lasthash}}}
2753
2754 \newbibmacro*{cite:reinit:AT}{%
2755   \global\undef\cbx@lasthash}
2756
2757 \newbibmacro*{cite:AT:noshorthand}{%
2758 \iffieldequals{namehash}{\cbx@lasthash}
2759   {\setunit{\compcitedelim}}
2760   {\ifnameundef{labelname}
2761     {}%
2762     {\printnames{labelname}%
2763       \setunit{\printdelim{nametitledelim}}}%
2764     \savefield{namehash}{\cbx@lasthash}}%
2765   \usebibmacro{cite:title:AT}}
2766
```

```

2767 \newbibmacro*{cite:AT}{%
2768   \iffielddundef{shorthand}
2769     {\usebibmacro{cite:AT:noshorthand}}
2770     {\usebibmacro{cbx:testshorthand}{cite:AT:noshorthand}%
2771       \usebibmacro{cite:reinit:AT}}}%
2772   \setunit{\multicitedelim}}
2773
2774 \newbibmacro*{citetitle:AT}{%
2775   \iffielddundef{shorthand}
2776     {\usebibmacro{cite:title:AT}}%
2777     {\usebibmacro{cbx:testshorthand}{cite:title:AT}}}%
2778   \setunit{\multicitedelim}}
2779
2780 \newbibmacro*{textcite:AT}{%
2781   \iffieldequals{namehash}{\cbx@lasthash}
2782     {\setunit{\compcitedelim}}
2783     {\ifnameundef{labelname}
2784       {}%
2785       {\printnames{labelname}%
2786         \setunit{%
2787           \global\booltrue{cbx:parens}%
2788           \printdelim{nametitledelim}\bibopenparen}}}%
2789     \stepcounter{textcitecount}%
2790     \savefield{namehash}{\cbx@lasthash}}}%
2791   \ifnumequal{\value{citecount}}{1}
2792     {\usebibmacro{prenote}}
2793     {}%
2794   \iffielddundef{shorthand}
2795     {\usebibmacro{cite:title:AT}}%
2796     {\usebibmacro{cbx:testshorthand}{cite:title:AT}}}%
2797   \setunit{%
2798     \ifbool{cbx:parens}
2799       {\bibcloseparen\global\boolfalse{cbx:parens}}
2800       {}%
2801     \textcitedelim}}
2802
2803 \newbibmacro*{cite:title:AT}{%
2804   \printtext[bibhyperref]{\printfield[citetitle]{labeltitle}}}
2805
2806 \newbibmacro*{textcite:postnote:AT}{%
2807   \ifnameundef{labelname}
2808     {\setunit{%
2809       \global\booltrue{cbx:parens}%
2810       \extpostnotedelim\bibopenparen}}
2811     {\setunit{\postnotedelim}}}%
2812   \printfield{postnote}%
2813   \ifthenelse{\value{multicitecount}=\value{multicitetotal}}
2814     {\setunit{}}%
2815     \printtext{%
2816       \ifbool{cbx:parens}
2817         {\bibcloseparen\global\boolfalse{cbx:parens}}

```

```

2818     {}}}
2819   {\setunit{%
2820     \ifbool{cbx:parens}
2821       {\bibcloseparen\global\boolfalse{cbx:parens}}
2822       {}}%
2823     \textcitedelim}}}

```

**Author-year macros** Import from `authoryear-comp.cbx` all the common macros with `authortitle-comp`.

```

2824 \newbibmacro*{cite:init:AY}{%
2825   \ifnumless{\value{multicitecount}}{2}
2826     {\global\boolfalse{cbx:parens}%
2827      \global\undef\cbx@lasthash
2828      \global\undef\cbx@lastyear}
2829     {\iffielddundef{prenote}
2830      {}}
2831     {\global\undef\cbx@lasthash
2832      \global\undef\cbx@lastyear}}}
2833
2834 \newbibmacro*{cite:reinit:AY}{%
2835   \global\undef\cbx@lasthash
2836   \global\undef\cbx@lastyear}
2837
2838 \newbibmacro*{cite:AY:noshorthand}{%
2839 \ifthenelse{\ifnameundef{labelname}\OR\iffielddundef{labelyear}}
2840   {\usebibmacro{cite:label}%
2841    \setunit{\printdelim{nonameyeardelim}}%
2842    \usebibmacro{cite:labeldate+extradate}%
2843    \usebibmacro{cite:reinit}}
2844   {\iffieldequals{namehash}{\cbx@lasthash}
2845    {\ifthenelse{\iffieldequals{labelyear}{\cbx@lastyear}\AND
2846      \(\value{multicitecount}=0\OR\iffielddundef{postnote}\)}
2847      {\setunit{\addcomma}%
2848       \usebibmacro{cite:extradate}}
2849      {\setunit{\compcitedelim}%
2850       \usebibmacro{cite:labeldate+extradate}%
2851       \savefield{labelyear}{\cbx@lastyear}}}
2852    {\printnames{labelname}%
2853     \setunit{\printdelim{nameyeardelim}}%
2854     \usebibmacro{cite:labeldate+extradate}%
2855     \savefield{namehash}{\cbx@lasthash}%
2856     \savefield{labelyear}{\cbx@lastyear}}}}
2857
2858 \newbibmacro*{cite:AY}{%
2859   \iffielddundef{shorthand}
2860     {\usebibmacro{cite:AY:noshorthand}}%
2861     {\usebibmacro{cbx:testshorthand}{cite:AY:noshorthand}%
2862      \usebibmacro{cite:reinit}}%
2863   \setunit{\multicitedelim}}
2864

```



```

2865 \newbibmacro*{textcite:AY:noshorthand:A}{%
2866 \ifthenelse{\iffieldequals{labelyear}{\cbx@lastyear}\AND
2867             \(\value{multicitecount}=0\OR\iffieldundef{postnote}\)}
2868     {\setunit{\addcomma}%
2869      \usebibmacro{cite:extradate}}
2870     {\setunit{\compcitedelim}%
2871      \usebibmacro{cite:labeldate+extradate}%
2872      \savefield{labelyear}{\cbx@lastyear}}}
2873
2874 \newbibmacro*{textcite:AY:noshorthand:B}{%
2875 \usebibmacro{cite:label}%
2876     \setunit{%
2877         \global\booltrue{cbx:parens}%
2878         \printdelim{nonameyeardelim}\bibopenparen}%
2879     \ifnumequal{\value{citecount}}{1}
2880     {\usebibmacro{prenote}}
2881     {}%
2882     \usebibmacro{cite:labeldate+extradate}}
2883
2884 \newbibmacro*{textcite:AY:noshorthand:C}{%
2885 \iffieldundef{labelyear}
2886     {\usebibmacro{cite:label}}
2887     {\usebibmacro{cite:labeldate+extradate}}%
2888     \savefield{labelyear}{\cbx@lastyear}}
2889
2890 \newbibmacro*{textcite:AY}{%
2891 \iffieldequals{namehash}{\cbx@lasthash}
2892     {\iffieldundef{shorthand}
2893         {\usebibmacro{textcite:AY:noshorthand:A}}
2894         {\setunit{\compcitedelim}%
2895 \usebibmacro{cbx:testshorthand}{textcite:AY:noshorthand:A}%
2896     \global\undef\cbx@lastyear}}
2897     {\ifnameundef{labelname}%
2898         {\iffieldundef{shorthand}
2899             {\usebibmacro{textcite:AY:noshorthand:B}}
2900             {\usebibmacro{cbx:testshorthand}{textcite:AY:noshorthand:B}}}
2901         {\printnames{labelname}%
2902         \setunit{%
2903             \global\booltrue{cbx:parens}%
2904             \printdelim{nameyeardelim}\bibopenparen}%
2905         \ifnumequal{\value{citecount}}{1}
2906         {\usebibmacro{prenote}}
2907         {}%
2908         \iffieldundef{shorthand}
2909         {\usebibmacro{textcite:AY:noshorthand:C}}%
2910         {\usebibmacro{cbx:testshorthand}{textcite:AY:noshorthand:C}%
2911         \global\undef\cbx@lastyear}}%
2912     \stepcounter{textcitecount}%
2913     \savefield{namehash}{\cbx@lasthash}}%
2914 \setunit{%
2915 \ifbool{cbx:parens}

```

```

2916      {\bibcloseparen\global\boolfalse{cbx:parens}}
2917      {}%
2918      \textcitedelim}}
2919
2920 \newbibmacro*{textcite:postnote:AY}{%
2921   \usebibmacro{postnote}%
2922   \ifthenelse{\value{multicitecount}=\value{multicitetotal}}
2923     {\setunit{}%
2924      \printtext{%
2925        \ifbool{cbx:parens}
2926        {\bibcloseparen\global\boolfalse{cbx:parens}}
2927        {}}}
2928     {\setunit{%
2929      \ifbool{cbx:parens}
2930      {\bibcloseparen\global\boolfalse{cbx:parens}}
2931      {}%
2932      \multicitedelim}}}

```

If the field `entrysubtype` equals to `classic` the citation commands will use the author-title macros. In this way it is as if you were using the citation commands of the `authortitle-comp` style.

```

2933 \renewbibmacro*{cite:init}{%
2934   \switchATAY{cite:init:AT}{cite:init:AY}}
2935 \renewbibmacro*{cite:reinit}{%
2936   \switchATAY{cite:reinit:AT}{cite:reinit:AY}}
2937 \renewbibmacro*{cite}{%
2938   \switchATAY{cite:AT}{cite:AY}}
2939 \renewbibmacro*{textcite}{%
2940   \switchATAY{textcite:AT}{textcite:AY}}
2941 \renewbibmacro*{textcite:postnote}{%
2942   \switchATAY{textcite:postnote:AT}{textcite:postnote:AY}}

```

### 10.7.3 Citation commands

These are two common commands for `authortitle-comp` and `authoryear-comp` that require the `\switchATAY` to be executed internally.

```

2943 \DeclareCiteCommand*\cite{
2944   {\usebibmacro{cite:init}%
2945    \usebibmacro{prenote}}
2946   {\usebibmacro{citeindex}%
2947    \switchATAY{citetitle:AT}{citeyear}}%
2948   {}
2949   {\usebibmacro{postnote}}
2950
2951 \DeclareCiteCommand*\parencite[\mkbibparens]
2952   {\usebibmacro{cite:init}%
2953    \usebibmacro{prenote}}
2954   {\usebibmacro{citeindex}%
2955    \switchATAY{citetitle:AT}{citeyear}}
2956   {}

```

```
2957 {\usebibmacro{postnote}}
```

These citation commands come from `biblatex.def`. Maybe they should not be redefined.  
Do we really need years and titles hyperreferred?

```
2958 \DeclareCiteCommand{\citetitle}
2959   {\boolfalse{citetracker}%
2960    \boolfalse{pagetracker}%
2961    \usebibmacro{prenote}}
2962   {\ifciteindex
2963    {\indexfield{indextitle}}
2964    {}%
2965    \printtext[bibhyperref]{\printfield[citetitle]{labeltitle}}}
2966   {\multicitedelim}
2967   {\usebibmacro{postnote}}
2968
2969 \DeclareCiteCommand*{\citetitle}
2970   {\boolfalse{citetracker}%
2971    \boolfalse{pagetracker}%
2972    \usebibmacro{prenote}}
2973   {\ifciteindex
2974    {\indexfield{indextitle}}
2975    {}%
2976    \printtext[bibhyperref]{\printfield[citetitle]{title}}}
2977   {\multicitedelim}
2978   {\usebibmacro{postnote}}
2979
2980 \DeclareCiteCommand{\citeyear}
2981   {\boolfalse{citetracker}%
2982    \boolfalse{pagetracker}%
2983    \usebibmacro{prenote}}
2984   {\printtext[bibhyperref]{\printfield{year}}}
2985   {\multicitedelim}
2986   {\usebibmacro{postnote}}
2987
2988 \DeclareCiteCommand*{\citeyear}
2989   {\boolfalse{citetracker}%
2990    \boolfalse{pagetracker}%
2991    \usebibmacro{prenote}}
2992   {\printtext[bibhyperref]{\printdateextra}}
2993   {\multicitedelim}
2994   {\usebibmacro{postnote}}
2995
2996 \DeclareCiteCommand{\citedate}
2997   {\boolfalse{citetracker}%
2998    \boolfalse{pagetracker}%
2999    \usebibmacro{prenote}}
3000   {\printtext[bibhyperref]{\printdate}}
3001   {\multicitedelim}
3002   {\usebibmacro{postnote}}
3003
3004 \DeclareCiteCommand*{\citedate}
```

```

3005 {\boolfalse{citetracker}%
3006 \boolfalse{pagetracker}%
3007 \usebibmacro{prenote}}
3008 {\printtext[bibhyperref]{\printdateextra}}
3009 {\multicitedelim}
3010 {\usebibmacro{postnote}}

```

The `\fullcite` command employs the bibliography driver to print the entry so it has to be redefined in order to use the `scdefault` name format with `scauthor=cite` or `scauthor=full` options.

```

3011 \DeclareCiteCommand{\fullcite}
3012 {\usebibmacro{prenote}}
3013 {\usedriver
3014 {\iftoggle{cbx:scauthorscite}%
3015 {\DeclareNameAlias{sortname}{scdefault}}}%
3016 {\DeclareNameAlias{sortname}{default}}}%
3017 {\thefield{entrytype}}
3018 {\multicitedelim}
3019 {\usebibmacro{postnote}}

```

This is the only new command provided by the style:

```

3020 \DeclareCiteCommand{\footcitet}{\mkbibfootnote}
3021 {\usebibmacro{cite:init}}
3022 {\usebibmacro{cite:index}}
3023 \usebibmacro{textcite}}
3024 {}%
3025 {\usebibmacro{textcite:postnote}}

```

This next command is now deprecated because it is substituted by the `entrysubtype=classic` mechanism.

```

3026 \DeclareCiteCommand{\sdcite}
3027 {\boolfalse{citetracker}%
3028 \boolfalse{pagetracker}%
3029 \usebibmacro{prenote}}
3030 {\indexnames{labelname}%
3031 \printtext[bibhyperref]{\printnames{labelname}}}%
3032 \setunit{\addcomma\space}%
3033 \indexfield{indextitle}%
3034 \printtext[bibhyperref]{\printfield[citetitle]{labeltitle}}}
3035 {\multicitedelim}
3036 {\usebibmacro{postnote}}

```

## 10.8 philosophy-modern.cbx

The modern style uses the classic citation scheme:

```

3037 \RequireCitationStyle{philosophy-classic}

```

Here we only redefine `\fullcite` in order to have the classic style via `restoreclassic`

format.

```
3038 \DeclareCiteCommand{\fullcite}
3039   {\usebibmacro{prenote}}
3040   {\blx@kv@setkeys{blx@bib2}{restoreclassic}%
3041    \usedriver
3042     {\iftoggle{cbx:scauthorscite}%
3043      {\DeclareNameAlias{sortname}{scdefault}}%
3044      {\DeclareNameAlias{sortname}{default}}}%
3045   {\thefield{entrytype}}
3046   {\multicitedelim}
3047   {\usebibmacro{postnote}}
```

## 10.9 italian-philosophy.lbx

The custom localization module of these style inherits the standard `italian.lbx` module. There is only one new string: `opcited`. The other strings are redefined according to the particular features of the style.

```
3048 \InheritBibliographyExtras{italian}
3049
3050 \DeclareBibliographyExtras{%
```

We prefer the simple dash (-) to the en dash (–) for page and date ranges.

```
3051   \protected\def\bibrangedash{-\penalty\hyphenpenalty}%
3052   \protected\def\bibdaterangesep{\bibrangedash}%
3053 }%
```

The `opcit` string used by the `verbose-trad2` style works like the Italian ‘cit.’ and it is already defined in the `italian.lbx` file with “cit.”. The string “cit.” is added to a truncated entry (usually after the short title) to mark that it has been previously cited. Additionally in the Italian bibliographies there is also the special string “op. cit.” which stands for “the only entry” of an author. For example, if “Eco, *Il nome della rosa*” is the only entry of Eco cited in the paper, from the second occurrence it will be abbreviated with “Eco, *op. cit.*”. So we need a new string, `opcited`, in order to get “op. cit.” for these cases:

```
3054 \NewBibliographyString{opcited}
```

First of all we inherit the `italian` localization module and then we define the new string `opcited` and the other strings as well.

```
3055 \DeclareBibliographyStrings{%
3056   inherit           = {italian},
3057   opcited           = {{op\addotsspace cit\addot}{op\addotsspace cit\addot}},
```

Redefined strings:

```
3058   ibidem            = {{ivi}{ivi}},
3059   loccit            = {{ibidem}{ibidem}},
3060   editor            = {{a cura di}{a cura di}},
3061   editors           = {{a cura di}{a cura di}},
```

```

3062 backrefpage      = {{citato a pagina}{citato a \bibsstring{page}\addot}},
3063 backrefpages      = {{citato alle pagine}{citato alle \bibsstring{pages}\addot}},
3064 nodate            = {{senza data}{s\addot d\addot}},
3065 volumes           = {{volumi}{\iftoggle{bbx:classical}{voll\addot}{vol\addot}}},
3066 pages             = {{pagine}{\iftoggle{bbx:classical}{pp\addot}{p\addot}}},
3067 columns           = {{colonne}{\iftoggle{bbx:classical}{coll\addot}{col\addot}}},
3068 lines             = {{righe}{\iftoggle{bbx:classical}{rr\addot}{r\addot}}},
3069 verses            = {{versi}{\iftoggle{bbx:classical}{vv\addot}{v\addot}}},
3070 % section         = {{}}{\S}},% FIXME: missing
3071 % sections        = {{}}{\S\S}},% FIXME: missing
3072 paragraphs        = {{paragrafi}{\iftoggle{bbx:classical}{parr\addot}{par\addot}}},
3073 pagetotals        = {{pagine}{\iftoggle{bbx:classical}{pp\addot}{p\addot}}},
3074 columntotals      = {{colonne}{\iftoggle{bbx:classical}{coll\addot}{col\addot}}},
3075 linetotals        = {{righe}{\iftoggle{bbx:classical}{rr\addot}{r\addot}}},
3076 versetotals       = {{versi}{\iftoggle{bbx:classical}{vv\addot}{v\addot}}},
3077 % sectiontotal    = {{}}{\S}},% FIXME: missing
3078 % sectiontotals    = {{}}{\S\S}},% FIXME: missing
3079 paragraphtotals    = {{paragrafi}{\iftoggle{bbx:classical}{parr\addot}{par\addot}}},
3080 byreviser         = {{revisione di}{rev\addotsspace di}},
3081 translationof     = {{traduzione di}{trad\addotsspace di}},
3082 translationas     = {{traduzione italiana}{trad\addotsspace it\addot}},
3083 reviewof          = {{recensione di}{rec\addotsspace di}},
3084 origpubas        = {{ed\addotsspace orig\addot}{ed\addotsspace orig\addot}},
3085 astitle           = {{come}{come}},
3086 bypublisher       = {{\addcomma\space}{\addcomma\space}},
3087 section           = {{sezione}{sez\addot}},
3088 sections          = {{sezioni}{\iftoggle{bbx:classical}{sezz\addot}{sez\addot}}},
3089 withcommentator   = {{commenti di}{commenti di}},
3090 withannotator     = {{annotazioni di}{annotazioni di}},
3091 withinintroduction = {{introduzione di}{introduzione di}},
3092 withforeword      = {{prefazione di}{prefazione di}},
3093 withafterword     = {{postfazione di}{postfazione di}},

```

The endothers and andmore strings must be printed in italic shape when using the latinemph option so we add \mkibid. Adding it to the wrapper of the \bibstring command in the name:andothers and list:andothers macros is a wrong choice because some languages (for example German) uses non Latin expressions for those strings.

```

3094 andothers        = {{\mkibid{et\addabbrvspace al\addot}}{\mkibid{et\addabbrvspace al\addot}},
3095 andmore          = {{\mkibid{et\addabbrvspace al\addot}}{\mkibid{et\addabbrvspace al\addot}},

```

The followings strings are not yet defined in italian.lbx file:

```

3096 reviser          = {{revisore}{rev\addot}},% FIXME: missing
3097 revisers         = {{revisori}{rev\addot}},% FIXME: missing
3098 founder          = {{fondatore}{fond\addot}},% FIXME: missing
3099 founders         = {{fondatori}{fond\addot}},% FIXME: missing
3100 continuator      = {{continuatore}{cont\addot}},% FIXME: missing
3101 continuators     = {{continuatori}{cont\addot}},% FIXME: missing
3102 editortr         = {{curatore e traduttore}% FIXME: missing
3103   {cur\addotsspace e trad\addot}},
3104 editorstr        = {{curatori e traduttori}% FIXME: missing

```

```

3105     {cur\adddotspace e trad\adddot}},
3106 editorco      = {{curatore e commentatore}% FIXME: missing
3107     {cur\adddotspace e comm\adddot}},
3108 editorsco     = {{curatori e commentatori}% FIXME: missing
3109     {cur\adddotspace e comm\adddot}},
3110 editoran      = {{curatore e annotatore}% FIXME: missing
3111     {cur\adddotspace e annot\adddot}},
3112 editorsan     = {{curatori e annotatori}% FIXME: missing
3113     {cur\adddotspace e annot\adddot}},
3114 editorin      = {{curatore e introduzione}% FIXME: missing
3115     {cur\adddotspace e introd\adddot}},
3116 editorsin     = {{curatori e introduzione}% FIXME: missing
3117     {cur\adddotspace e introd\adddot}},
3118 editorfo      = {{curatore e prefazione}% FIXME: missing
3119     {cur\adddotspace e pref\adddot}},
3120 editorsfo     = {{curatori e prefazione}% FIXME: missing
3121     {cur\adddotspace e pref\adddot}},
3122 editoraf      = {{curatore e postfazione}% FIXME: missing
3123     {cur\adddotspace e postf\adddot}},
3124 editorsaf     = {{curatori e postfazione}% FIXME: missing
3125     {cur\adddotspace e postf\adddot}},
3126 editortrco    = {{curatore, traduttore\finalandcomma\ e commentatore}% FIXME: missing
3127     {ed.,\addabbrvspace trad\adddot\finalandcomma\ e comm\adddot}},
3128 editorstrco   = {{curatori, traduttori\finalandcomma\ e commentatori}% FIXME: missing
3129     {eds.,\addabbrvspace trad\adddot\finalandcomma\ e comm\adddot}},
3130 editortran    = {{curatore, traduttore\finalandcomma\ e annotatore}% FIXME: missing
3131     {ed.,\addabbrvspace trad\adddot\finalandcomma\ e annot\adddot}},
3132 editorstran   = {{curatori, traduttori\finalandcomma\ e annotatori}% FIXME: missing
3133     {eds.,\addabbrvspace trad\adddot\finalandcomma\ e annot\adddot}},
3134 editortrin    = {{curatore, traduttore\finalandcomma\ e introduzione}% FIXME: missing
3135     {ed.,\addabbrvspace trad\adddot\finalandcomma\ e introd\adddot}},
3136 editorstrin   = {{curatori, traduttori\finalandcomma\ e introduzione}% FIXME: missing
3137     {eds.,\addabbrvspace trad\adddot\finalandcomma\ e introd\adddot}},
3138 editortrfo    = {{curatore, traduttore\finalandcomma\ e prefazione}% FIXME: missing
3139     {ed.,\addabbrvspace trad\adddot\finalandcomma\ e pref\adddot}},
3140 editorstrfo   = {{curatori, traduttori\finalandcomma\ e prefazione}% FIXME: missing
3141     {eds.,\addabbrvspace trad\adddot\finalandcomma\ e pref\adddot}},
3142 editortraf    = {{curatore, traduttore\finalandcomma\ e postfazione}% FIXME: missing
3143     {ed.,\addabbrvspace trad\adddot\finalandcomma\ e postf\adddot}},
3144 editorstraf   = {{curatori, traduttori\finalandcomma\ e postfazione}% FIXME: missing
3145     {eds.,\addabbrvspace trad\adddot\finalandcomma\ e postf\adddot}},
3146 editorcoin    = {{curatore, commentatore\finalandcomma\ e introduzione}% FIXME: missing
3147     {ed.,\addabbrvspace comm\adddot\finalandcomma\ e introd\adddot}},
3148 editorscoin   = {{curatori, commentatori\finalandcomma\ e introduzione}% FIXME: missing
3149     {eds.,\addabbrvspace comm\adddot\finalandcomma\ e introd\adddot}},
3150 editorcofo    = {{curatore, commentatore\finalandcomma\ e prefazione}% FIXME: missing
3151     {ed.,\addabbrvspace comm\adddot\finalandcomma\ e pref\adddot}},
3152 editorscofo   = {{curatori, commentatori\finalandcomma\ e prefazione}% FIXME: missing
3153     {eds.,\addabbrvspace comm\adddot\finalandcomma\ e pref\adddot}},
3154 editorcoaf    = {{curatore, commentatore\finalandcomma\ e postfazione}% FIXME: missing
3155     {ed.,\addabbrvspace comm\adddot\finalandcomma\ e postf\adddot}},

```

```

3156 editorscoaf = {{curatori, commentatori\finalandcomma\ e postfazione}% FIXME: missing
3157 {eds.,\addabbrvspace comm\adddot\finalandcomma\ e postf\adddot}},
3158 editoranin = {{curatore, annotatore\finalandcomma\ e introduzione}% FIXME: missing
3159 {ed.,\addabbrvspace annot\adddot\finalandcomma\ e introd\adddot}},
3160 editorsanin = {{curatori, annotatori\finalandcomma\ e introduzione}% FIXME: missing
3161 {eds.,\addabbrvspace annot\adddot\finalandcomma\ e introd\adddot}},
3162 editoranfo = {{curatore, annotatore\finalandcomma\ e prefazione}% FIXME: missing
3163 {ed.,\addabbrvspace annot\adddot\finalandcomma\ e pref\adddot}},
3164 editorsanfo = {{curatori, annotatori\finalandcomma\ e prefazione}% FIXME: missing
3165 {eds.,\addabbrvspace annot\adddot\finalandcomma\ e pref\adddot}},
3166 editoranaf = {{curatore, annotatore\finalandcomma\ e postfazione}% FIXME: missing
3167 {ed.,\addabbrvspace annot\adddot\finalandcomma\ e postf\adddot}},
3168 editorsanaf = {{curatori, annotatori\finalandcomma\ e postfazione}% FIXME: missing
3169 {eds.,\addabbrvspace annot\adddot\finalandcomma\ e postf\adddot}},
3170 editortrcoin = {{curatore, traduttore, commentatore\finalandcomma\ e introduzione}% FIXME:
3171 {cur.,\addabbrvspace trad., comm\adddot\finalandcomma\ e introd\adddot}},
3172 editorstrcoin = {{curatori, traduttori, commentatori\finalandcomma\ e introduzione}% FIXME:
3173 {cur.,\addabbrvspace trad., comm\adddot\finalandcomma\ e introd\adddot}},
3174 editortrcofo = {{curatore, traduttore, commentatore\finalandcomma\ e prefazione}% FIXME: m
3175 {cur.,\addabbrvspace trad., comm\adddot\finalandcomma\ e pref\adddot}},
3176 editorstrcofo = {{curatori, traduttori, commentatori\finalandcomma\ e prefazione}% FIXME: m
3177 {cur.,\addabbrvspace trad., comm\adddot\finalandcomma\ e pref\adddot}},
3178 editortrcoaf = {{curatore, traduttore, commentatore\finalandcomma\ e postfazione}% FIXME:
3179 {cur.,\addabbrvspace trad., comm\adddot\finalandcomma\ e postf\adddot}},
3180 editorstrcoaf = {{curatori, traduttori, commentatori\finalandcomma\ e postfazione}% FIXME:
3181 {cur.,\addabbrvspace trad., comm\adddot\finalandcomma\ e postf\adddot}},
3182 editortranin = {{curatore, traduttore, annotatore\finalandcomma\ e introduzione}% FIXME: m
3183 {cur.,\addabbrvspace trad., annot\adddot\finalandcomma\ e introd\adddot}},
3184 editorstranin = {{curatori, traduttori, annotatori\finalandcomma\ e introduzione}% FIXME: m
3185 {cur.,\addabbrvspace trad., annot\adddot\finalandcomma\ e introd\adddot}},
3186 editortranfo = {{curatore, traduttore, annotatore\finalandcomma\ e prefazione}% FIXME: mis
3187 {cur.,\addabbrvspace trad., annot\adddot\finalandcomma\ e pref\adddot}},
3188 editorstranfo = {{curatori, traduttori, annotatori\finalandcomma\ e prefazione}% FIXME: mis
3189 {cur.,\addabbrvspace trad., annot\adddot\finalandcomma\ e pref\adddot}},
3190 editortranaf = {{curatore, traduttore, annotatore\finalandcomma\ e postfazione}% FIXME: mi
3191 {cur.,\addabbrvspace trad., annot\adddot\finalandcomma\ e postf\adddot}},
3192 editorstranaf = {{curatori, traduttori, annotatori\finalandcomma\ e postfazione}% FIXME: mi
3193 {cur.,\addabbrvspace trad., annot\adddot\finalandcomma\ e postf\adddot}},
3194 translatorco = {{traduttore e commentatore}% FIXME: missing
3195 {trad\adddot\ e comm\adddot}},
3196 translatorsco = {{traduttori e commentatori}% FIXME: missing
3197 {trad\adddot\ e comm\adddot}},
3198 translatoran = {{traduttore e annotatore}% FIXME: missing
3199 {trad\adddot\ e annot\adddot}},
3200 translatorsan = {{traduttori e annotatori}% FIXME: missing
3201 {trad\adddot\ e annot\adddot}},
3202 translatorin = {{traduzione e introduzione}% FIXME: missing
3203 {trad\adddot\ e introd\adddot}},
3204 translatorsin = {{traduzione e introduzione}% FIXME: missing
3205 {trad\adddot\ e introd\adddot}},
3206 translatorfo = {{traduzione e prefazione}% FIXME: missing

```



3207 {trad\addot\ e pref\addot}},  
3208 translatorsfo = {{traduzione e prefazione}% FIXME: missing  
3209 {trad\addot\ e pref\addot}},  
3210 translatoraf = {{traduzione e postfazione}% FIXME: missing  
3211 {trad\addot\ e postf\addot}},  
3212 translatorsaf = {{traduzione e postfazione}% FIXME: missing  
3213 {trad\addot\ e postf\addot}},  
3214 translatorcoin = {{traduzione, commenti\finalandcomma\ e introduzione}% FIXME: missing  
3215 {trans., comm\addot\finalandcomma\ e introd\addot}},  
3216 translatorscoin = {{traduzione, commenti\finalandcomma\ e introduzione}% FIXME: missing  
3217 {trans., comm\addot\finalandcomma\ e introd\addot}},  
3218 translatorcofo = {{traduzione, commenti\finalandcomma\ e prefazione}% FIXME: missing  
3219 {trans., comm\addot\finalandcomma\ e pref\addot}},  
3220 translatorscofo = {{traduzione, commenti\finalandcomma\ e prefazione}% FIXME: missing  
3221 {trans., comm\addot\finalandcomma\ e pref\addot}},  
3222 translatorcoaf = {{traduzione, commenti\finalandcomma\ e postfazione}% FIXME: missing  
3223 {trans., comm\addot\finalandcomma\ e postf\addot}},  
3224 translatorscoaf = {{traduzione, commenti\finalandcomma\ e postfazione}% FIXME: missing  
3225 {trans., comm\addot\finalandcomma\ e postf\addot}},  
3226 translatoranin = {{traduzione, annotazioni\finalandcomma\ e introduzione}% FIXME: missing  
3227 {trans., annot\addot\finalandcomma\ e introd\addot}},  
3228 translatorsanin = {{traduzione, annotazioni\finalandcomma\ e introduzione}% FIXME: missing  
3229 {trans., annot\addot\finalandcomma\ e introd\addot}},  
3230 translatoranfo = {{traduzione, annotazioni\finalandcomma\ e prefazione}% FIXME: missing  
3231 {trans., annot\addot\finalandcomma\ e pref\addot}},  
3232 translatorsanfo = {{traduzione, annotazioni\finalandcomma\ e prefazione}% FIXME: missing  
3233 {trans., annot\addot\finalandcomma\ e pref\addot}},  
3234 translatoranaf = {{traduzione, annotazioni\finalandcomma\ e postfazione}% FIXME: missing  
3235 {trans., annot\addot\finalandcomma\ e postf\addot}},  
3236 translatorsanaf = {{traduzione, annotazioni\finalandcomma\ e postfazione}% FIXME: missing  
3237 {trans., annot\addot\finalandcomma\ e postf\addot}},  
3238 %byreviser = {{rivisto da}{riv\addotsspace da}},% FIXME: missing: UNSURE  
3239 byreviewer = {{recensito da}{rec\addotsspace da}},% FIXME: missing: UNSURE  
3240 byfounder = {{fondato da}{fond\addotsspace da}},% FIXME: missing  
3241 bycontinuator = {{continuato da}{cont\addotsspace da}},% FIXME: missing: UNSURE  
3242 bycollaborator = {{in collaborazione con}{in coll\addotsspace con}},% FIXME: missing: UNSURE  
3243 book = {{libro}{lib\addot}},% FIXME: missing: UNSURE  
3244 part = {{parte}{pt\addot}},% FIXME: missing: UNSURE  
3245 issue = {{uscita}{uscita}},% FIXME: missing: UNSURE  
3246 reprints = {{ristampato come}{rist\addotsspace come}},% FIXME: missing  
3247 reprintfrom = {{ristampato da}{rist\addotsspace da}},% FIXME: missing  
3248 % translationof = {{traduzione di}{trad\addotsspace di}},% FIXME: missing  
3249 % translationas = {{tradotto come}{trad\addotsspace come}},% FIXME: missing  
3250 translationfrom = {{tradotto da}{trad\addotsspace da}},% FIXME: missing  
3251 % reviewof = {{recensione di}{rec\addotsspace di}},% FIXME: missing  
3252 % origpubas = {{edizione originale}{ed\addotsspace orig\addotsspace}},% FIXME: missing: UN  
3253 origpubin = {{originalmente pubblicato in}{orig\addotsspace pub\addotsspace in}},% FIXME:  
3254 % astitle = {{come}{come}},% FIXME: missing  
3255 % bypublisher = {{pubblicato da}{pubb\addotsspace da}},% FIXME: missing: UNSURE  
3256 % section = {{sezione}{\S}},% FIXME: missing  
3257 % sections = {{sezioni}{\S\S}},% FIXME: missing

```

3258 candthesis      = {{candidato}{cand\adddot}},% FIXME: missing
3259 software         = {{software}{software}},% FIXME: missing
3260 datacd            = {{CD-ROM}{CD-ROM}},% FIXME: missing
3261 audiocd          = {{audio CD}{audio CD}},% FIXME: missing
3262 urlfrom           = {{disponibile su}{disponibile su}},% FIXME: missing: UNSURE
3263 inpreparation     = {{in preparazione}{in preparazione}},% FIXME: missing
3264 % submitted       = {{{}}},% FIXME: missing
3265 forthcoming        = {{in uscita}{in uscita}},% FIXME: missing
3266 prepublished      = {{pre-pubblicato}{pre-pubblicato}},% FIXME: missing: UNSURE
3267 thiscite          = {{specialmente}{spec\adddot}},% FIXME: missing: UNSURE
3268 langcatalan       = {{catalano}{catalano}},% FIXME: missing
3269 langcroatian      = {{croato}{croato}},% FIXME: missing
3270 langczech         = {{ceco}{ceco}},% FIXME: missing
3271 langestonian      = {{estone}{estone}},% FIXME: missing
3272 langfinnish       = {{finnico}{finnico}},% FIXME: missing
3273 langpolish        = {{polacco}{polacco}},% FIXME: missing
3274 langrussian       = {{russo}{russo}},% FIXME: missing
3275 langslovene       = {{sloveno}{sloveno}},% FIXME: missing
3276 fromcatalan       = {{dal catalano}{dal catalano}},% FIXME: missing
3277 fromcroatian      = {{dal croato}{dal croato}},% FIXME: missing
3278 fromczech         = {{dal ceco}{dal ceco}},% FIXME: missing
3279 fromestonian      = {{dall'estone}{dall'estone}},% FIXME: missing
3280 fromfinnish       = {{dal finnico}{dal finnico}},% FIXME: missing
3281 frompolish        = {{dal polacco}{dal polacco}},% FIXME: missing
3282 fromrussian       = {{dal russo}{dal russo}},% FIXME: missing
3283 fromslovene       = {{dallo sloveno}{dallo sloveno}},% FIXME: missing
3284 circa             = {{circa}{ca\adddot}},% FIXME: missing
3285 spring            = {{primavera}{prim\adddot}},% FIXME: missing
3286 summer            = {{estate}{est\adddot}},% FIXME: missing
3287 autumn            = {{autunno}{aut\adddot}},% FIXME: missing
3288 winter            = {{inverno}{inv\adddot}},% FIXME: missing
3289 }

```

## 10.10 english-philosophy.lbx

```

3290 \InheritBibliographyExtras{english}
3291
3292 \DeclareBibliographyExtras{%
3293 \protected\def\bibrangedash{-\penalty\hyphenpenalty}%
3294 \protected\def\bibdaterangesep{\bibrangedash}%
3295 }%
3296
3297 \NewBibliographyString{opcited}
3298
3299 \DeclareBibliographyStrings{%
3300 inherit          = {english},

```

New string:

```

3301 opcited          = {{op\addotsspace cit\adddot}{op\addotsspace cit\adddot}},

```

Redefined strings:

```

3302 opcit          = {{cit\addot}{cit\addot}},
3303 ibidem          = {{ibid\addot}{ibid\addot}},
3304 loccit          = {{ibid\addot}{ibid\addot}},
3305 translationas   = {{trans\addot}{trans\addot}},
3306 withcommentator = {{commentary by}{comment\addot\ by}},
3307 withannotator   = {{annotations by}{annots\addot\ by}},
3308 withintroduction = {{introduction by}{intro\addot\ by}},
3309 withforeword    = {{foreword by}{forew\addot\ by}},
3310 withafterword   = {{afterword by}{afterw\addot\ by}},

```

See the note for the Italian localization module.

```

3311 andothers       = {{\mkibid{et\addabrvspace al\addot}}{\mkibid{et\addabrvspace al\addot}},
3312 andmore         = {{\mkibid{et\addabrvspace al\addot}}{\mkibid{et\addabrvspace al\addot}},
3313 }

```

## 10.11 spanish-philosophy.lbx

Thanks to Eduardo Villegas for these translations.

```

3314 %
3315 % Thanks to Eduardo Villegas for these translations.
3316 %
3317 \InheritBibliographyExtras{spanish}
3318
3319 \DeclareBibliographyExtras{%
3320 \protected\def\bibrangedash{-\penalty\hyphenpenalty}%
3321 \protected\def\bibdaterangesep{\bibrangedash}%
3322 }%
3323
3324 \NewBibliographyString{opcited}
3325
3326 \DeclareBibliographyStrings{%
3327   inherit          = {spanish},

```

New string:

```

3328 opcited          = {{\'{o}p\addotSPACE cit\addot}{\'{o}p\addot cit\addot}},

```

Redefined strings:

```

3329 opcit            = {{cit\addot}{cit\addot}},
3330 ibidem           = {{ivi}{ivi}},
3331 loccit           = {{ibidem}{ibidem}},
3332 langspanish      = {{espa\~{n}ol}{es\addot}},
3333 editor           = {{ed\addot}{ed\addot}},
3334 editors          = {{ed\addot}{eds\addot}},
3335 byreviser        = {{revisi\'{o}n de}{rev\addotSPACE de}},
3336 reviewof         = {{rese\~{n}a de}{rese\~{n}a de}}, %%FIXME
3337 backrefpage      = {{citado en la p\'{a}gina}{citado en la \bibsstring{page}\addot}}, %%FIXME
3338 backrefpages     = {{citado en las p\'{a}ginas}{citado en las p\'{a}gs\addot}}, %%FIXME
3339 withcommentator  = {{comentarios de}{com\addotSPACE de}},
3340 withannotator    = {{notas de}{notas de}},

```

```

3341 withinintroduction = {{introducci'\{o}n de}{intr\addotsspace de}},
3342 withforeword        = {{prefacio de}{pref\addotsspace de}},
3343 withafterword        = {{postfacio de}{postfacio de}},
3344 translationof        = {{traducci'\{o}n al espa\~{n}ol de}{trad\addotsspace de}},
3345 translationas        = {{traducido al espa\~{n}ol como}{trad\addotsspace es\addot}},
3346 origpubas            = {{edici'\{o}n original}{ed\addot orig\addot}},
3347 section              = {{secci'\{o}n}{sec\addot}},
3348 sections              = {{secciones}{\iftoggle{bbx:classical}{secs\addot}{sec\addot}}},

```

Here we redefine only the andmore string because the andothers string is a non Latin expression in spanish.lbx ("y col").

```

3349 andmore             = {{\mkibid{et\addabrvspace al\addot}}{\mkibid{et\addabrvspace al\addot}}
3350 }

```

## 10.12 french-philosophy.lbx

!EXEPRIMENTAL! This file needs a revision!

```

3351 \InheritBibliographyExtras{french}
3352
3353 \DeclareBibliographyExtras{%

```

The french.lbx localization module redefines \mkbibnamefamily in order to get the family name in small caps. We do not like this approach because an author could use a localization module without adhering to the typographical standards which should be independent from the linguistic standards. For this reason we prefer to reset it to the default definition.

```

3354 \protected\def\mkbibnamefamily#1{#1}%
3355 \protected\def\bibrangedash{-\penalty\hyphenpenalty}%
3356 \protected\def\bibdaterangesep{\bibrangedash}%
3357 }%
3358
3359 \NewBibliographyString{opcited}
3360
3361 \DeclareBibliographyStrings{%
3362   inherit              = {french},

```

New string:

```

3363   opcited              = {{op\addotsspace cit\addot}{op\addotsspace cit\addot}},

```

Redefined strings:

```

3364   opcit                = {{cit\addot}{cit\addot}},%%FIXME
3365   ibidem               = {{ibid\addot}{ibid\addot}},%%FIXME
3366   loccit               = {{ibid\addot}{ibid\addot}},%%FIXME
3367   translationas        = {{trad\addot}{trad\addot}},%%FIXME
3368   withcommentator      = {{commentaires \smartof}{comment\addotsspace\smartof}},%%FIXME
3369   withannotator        = {{annotations \smartof}{annot\addotsspace\smartof}},%%FIXME
3370   withinintroduction    = {{introduction \smartof}{introd\addotsspace\smartof}},%%FIXME
3371   withforeword         = {{pr\'eface \smartof}{pr\'ef\addotsspace\smartof}},%%FIXME

```

3372 withafterword = {{postface \smartof}{postf\adddotspace\smartof}},%%FIXME

See the note for the Italian localization module.

3373 andothers = {{\mkibid{et\addabbrvspace al\adddot}}{\mkibid{et\addabbrvspace al\adddot}}  
 3374 andmore = {{\mkibid{et\addabbrvspace al\adddot}}{\mkibid{et\addabbrvspace al\adddot}}  
 3375 }

## References

This is the primary bibliography of this document and it is typeset in classic style (through the `restoreclassic` option) even if the bibliography style of the document is philosophy-modern. This is particularly useful for typesetting bibliographies in which there is only one entry for an author, such as the Web lists. See the example above (p. 22).

Braams, Johannes L. [with Javier Bezos] (2020), *Babel. Localization and internationalization*, version 3.41, Feb. 28, 2020, <http://mirrors.ctan.org/macros/latex/contrib/babel/babel.pdf>.

This manual describes `babel`, a package that makes use of the capabilities of  $\TeX$  version 3 and, to some extent, `xetex` and `luatex`, to provide an environment in which documents can be typeset in a language other than US English, or in more than one language or script. However, no attempt has been done to take full advantage of the features provided by the latter, which would require a completely new core (as for example `polyglossia` or as part of  $\LaTeX$ 3).

Charette, François [with Arthur Reutenauer, Bastien Roucariès and Jürgen Spitzmüller] (2020), *Polyglossia: Modern multilingual typesetting with  $X_{\LaTeX}$  and  $\text{Lua}\TeX$* , version 1.47, Jan. 29, 2020, <http://mirrors.ctan.org/macros/latex/contrib/babel/babel.pdf>.

`Polyglossia` is a package for facilitating multilingual typesetting with  $X_{\LaTeX}$  and (with some exceptions)  $\text{Lua}\TeX$ . Basically, it can be used as an alternative to `babel` for performing the following tasks automatically: 1. Loading the appropriate hyphenation patterns. 2. Setting the script and language tags of the current font (if possible and available), via the package `fontspec`. 3. Switching to a font assigned by the user to a particular script or language. 4. Adjusting some typographical conventions according to the current language (such as `afterindent`, `frenchindent`, spaces before or after punctuation marks, etc.). 5. Redefining all document strings (like “chapter”, “figure”, “bibliography”). 6. Adapting the formatting of dates (for non-Gregorian calendars via external packages bundled with `polyglossia`: currently the Hebrew, Islamic and Farsi calendars are supported). 7. For languages that have their own numbering system, modifying the formatting of numbers appropriately (this also includes redefining the alphabetic sequence for non-Latin alphabets). 8. Ensuring proper directionality if the document contains languages that are written from right to left (via the package `bidi`, available separately).

Clawson, James (2016), *biblatex-mla. MLA Style Using Biblatex*, version 1.9, Nov. 2, 2016, <http://mirrors.ctan.org/macros/latex/contrib/biblatex-contrib/biblatex-mla/doc/biblatex-mla.pdf>.

`Biblatex-mla` provides support to `biblatex`,  $\text{Bib}\TeX$ , and  $\LaTeX$  for citations and Works Cited lists in the style established by the Modern Language Association (MLA). For commands and options to change package defaults, see § 3.1 and § 3.2, respectively, below. MLA style, a common standard for writers in the humanities, is outlined in the *MLA Style Manual*, in its 3<sub>rd</sub> edition, and the *MLA Handbook for Writers of Research Papers*, now in its 8<sub>th</sub> edition. `Biblatex-mla` follows the style outlined in the latter of these. It also follows the logic of the MLA when citing similar material repeatedly, trimming unnecessary information from citations where necessary. `Biblatex-mla` is compatible with `Biblatex`’s support for `hyperref` and `tex4ht`, and the main word in each citation (either the author’s name, the title, or the page number) serves as a link to the particular entry in the Works Cited.

Gliboff, Sander (2010), *User's Guide to Historian. A Footnotes-and-Bibliography Style, Following Turabian/Chicago Guidelines: For Use with the Biblatex System of Programmable Bibliographies and Citations*, version 0.4, Aug. 22, 2010, <http://mirrors.ctan.org/macros/latex/contrib/biblatex-contrib/biblatex-historian/historian.pdf>.

The files `historian.bbx`, `historian.cbx`, and `historian.lbx` implement a bibliography and citation style for use with Philipp Lehman's `biblatex` package. `Historian` follows the conventions of *The Chicago Manual of Style*, as presented in *Turabian's Manual for Writers*. The style is designed for use by historians who need to generate detailed footnotes not only for ordinary books and articles, but also reprint editions, correspondence, archives and archival documents, online sources, book reviews, unpublished manuscripts, and conference presentations.

Kime, Philip and François Charette (2019), `biber`. *A backend bibliography processor for biblatex*, version 2.14, Dec. 1, 2019, <http://biblatex-biber.sourceforge.net>.

`Biber` is conceptually a `BibTeX` replacement for `biblatex`. It is written in Perl with the aim of providing a customised and sophisticated data preparation backend for `biblatex`. You do not need to install Perl to use `Biber`—binaries are provided for many operating systems via the main `TeX` distributions (`TeX Live`, `MacTeX`, `MiKTeX`) and also via download from SourceForge. Functionally, `Biber` offers a superset of `BibTeX`'s capabilities but is tightly coupled with `biblatex` and cannot be used as a stand-alone tool with standard `.bst` styles. `Biber`'s primary role is to support `biblatex` by performing the following tasks: Parsing data from `datasources`; Processing cross-references, entry sets, related entries; Generating data for name, name list and name/year disambiguation; Structural validation according to `biblatex` data model; Sorting reference lists; Outputting data to a `.bbl` for `biblatex` to consume.

Lehman, Philipp [with Philip Kime and Moritz Wemheuer] (2019), *The biblatex Package. Programmable Bibliographies and Citations*, version 3.14, Dec. 1, 2019, <http://mirrors.ctan.org/macros/latex/contrib/biblatex/doc/biblatex.pdf>.

This package provides advanced bibliographic facilities for use with `TeX`. The package is a complete reimplementation of the bibliographic facilities provided by `TeX`. The `biblatex` package works with the “backend” (program) `biber`, which is used to process `BibTeX` format data files and then performs all sorting, label generation (and a great deal more). Formatting of the bibliography is entirely controlled by `TeX` macros. Good working knowledge in `TeX` should be sufficient to design new bibliography and citation styles. This package also supports subdivided bibliographies, multiple bibliographies within one document, and separate lists of bibliographic information such as abbreviations of various fields. Bibliographies may be subdivided into parts and/or segmented by topics. Just like the bibliography styles, all citation commands may be freely defined. Features such as full Unicode support for bibliography data, customisable sorting, multiple bibliographies with different sorting, customisable labels and dynamic data modification are available.

Lehman, Philipp and Joseph Wright (2019), *The csquotes Package. Context Sensitive Quotation Facilities*, version 5.2j, Dec. 6, 2019, <http://mirrors.ctan.org/macros/latex/contrib/csquotes/csquotes.pdf>.

This package provides advanced facilities for inline and display quotations. It is designed for a wide range of tasks ranging from the most simple applications to the more complex demands of formal quotations. The facilities include commands, environments, and user-definable ‘smart quotes’ which dynamically adjust to their context. Quotation marks are switched automatically if quotations are nested and can adjust to the current language. There are additional features designed to cope with the more specific demands of academic writing. All quote styles as well as the optional active quotes are freely configurable.

Pantieri, Lorenzo and Tommaso Gordini (2019), *L'arte di scrivere con TeX. Un'introduzione a TeX*, forew. by Enrico Gregorio, [http://www.lorenzopantieri.net/LaTeX\\_files/ArteLaTeX.pdf](http://www.lorenzopantieri.net/LaTeX_files/ArteLaTeX.pdf).

Lo scopo di questo lavoro, rivolto sia a chi muove i primi passi in `TeX` sia a quanti già lo conoscono, è di offrire ai suoi utenti italiani le conoscenze essenziali per poterlo usare con successo. I concetti fondamentali della materia, raccolti da svariati manuali, vengono presentati nel modo più chiaro e organico possibile; nel contempo si fornisce un vasto campionario di esempi e si analizzano alcuni tipici problemi che potrebbero

presentarsi nella redazione di una pubblicazione scientifica o professionale in italiano, indicando per ciascuno le soluzioni per noi migliori.

Waßenhoven, Dominik (2016), biblatex-dw, version 1.7, Dec. 6, 2016, <http://mirrors.ctan.org/macros/latex/contrib/biblatex-contrib/biblatex-dw/doc/biblatex-dw.pdf>.

biblatex-dw is a small collection of styles for the biblatex package. It was designed for citations in the Humanities and offers some features that are not provided by the standard biblatex styles. biblatex-dw is dependent on biblatex – version 1.7 needs at least version 3.3 of biblatex and was tested with biblatex version 3.6 and biber version 2.6.

## Change History

v0.4	General: Improved compatibility for biblatex version 0.9 . . . . . 1	volnumpunct. Added citation commands \sdcite, \ccite. Updated documentation . . . . . 1
v0.5	General: Added new bibliography style philosophy-verbose. Added localization file italian-philosophy.lbx. Added package options origparens, origbrackets, latinemph. Changed package options scauthors, scauthorscite, scauthorsbib. Renamed file biblatex-philosophy-doc.tex to philosophy-authoryear-doc.tex. Added file philosophy-verbose-doc.tex. Updated documentation . . . . . 1	v0.7a General: Added command volumfont. Added command footcitet. Updated documentation . . . . . 1
v0.6	General: Added localization file italian-philosophy.lbx. Added file philosophy-standard.bbx. New documentation file biblatex-philosophy. Removed files philosophy-authoryear-doc.tex, philosophy-verbose-doc.tex. . 1	v0.7b General: Removed package option romanvol. Added package option volumeformat. Added package option editionformat. Activated the option singletitle for style philosophy-verbose. Added bibliography driver@review. Added bibliography string cit. Added bibliography string reviewof. Updated documentation 1
v0.7	General: Removed package option colonloc. Removed package options origparens origbrackets. Added package options origfieldsformat, publocformat, commacit, inbeforejournal, romanvol, volnumformat. Added command	v0.7c General: Fixed some bugs. New origfieldtype option. Added nodate bibliography string. Updated documentation . . . . . 1
		v0.8a General: New entrysubtype field for citing classical texts. New related field mechanism. New relatedformat option. New English documentation. Fixed some bugs . . . . . 1
		v0.8b General: Added biber.conf configuration file . . . . . 1
		v0.8c General: Removed biber.conf configuration file. Added internal biber settings with

\DeclareDriverSourcemap command. Added trans- field alias	1	shorthandintro option.	1
v0.8d		v1.0	
General: Fixed some bugs related to \DeclareDriverSourcemap, \ccite, and @review entry type	1	General: Corrected a bug in volumeformat and volnumformat options. Change value romanupp to Roman in volume format and edition format. Corrected bug in related format options: now the related block is not preceded by semicolon when using values parens and brackets styles. \$updated documentation	1
v0.8e		v1.1	
General: Improved relatedformat option for cascading entries. Implemented cross-referencing mechanism for @inproceedings entries. Improved \ccite command. Changed the values for the entrysubtype from classical to classic. Added nodate package option.	1	General: Maintenance release. Updated documentation.	1
v0.8f		v1.2	
General: New option nodate for \printbibliography command	1	General: Maintenance release. New value superscript for editionformat option.	1
v0.9a		v1.3	
General: Maintenance release. Corrected some bugs.	1	General: Maintenance release. Corrected a spurious space in article entries.	1
v0.9b		v1.4	
General: Updated bibliography drivers to correct a bug when using the related mechanism.	1	General: Maintenance release. Updated style for working with biblatex v.3.4.	1
v0.9c		v1.5	
General: Maintenance release. Corrected some bugs.	1	General: Improved compatibility with legacy BibT <sub>E</sub> X backend.	1
v0.9d		v1.6	
General: Maintenance release. Corrected some bugs.	1	General: Removed compatibility with legacy BibT <sub>E</sub> X backend.	1
v0.9e		v1.7	
General: Maintenance release. Updated documentation.	1	General: Maintenance release. Updated documentation.	1
v0.9f		v1.8	
General: Updated documentation. Corrected a bug in the volnumformat option.	1	General: Maintenance release. Corrected an incompatibility with scauthors option.	1
v0.9g		v1.9	
General: Added localization module for spanish. Corrected a bug in @inbook and @incollection entries when using crossref field. Updated documentation.	1	General: Redefined ibidem and loccit strings in file english-philosophy.lbx according to the Chicago Manual of Style.	1
v0.9h		v1.9.1	
General: New option lowscauthors. Corrected some bugs. Updated documentation.	1	General: Redefined macros for the eechanism. Support for the @set entries for classic style. Support for the origpubin and origpubas	
v0.9i			
General: Corrected a bug with			



default related types. Improved .lbx files. Updated documentation. . . . .	1	experimental French localization module. Improved annotation option. Updated documentation. . . . .	1
v1.9.2		v1.9.6	
General: Support for multivolume related type. The origed string is substituted with origpubas (redefined for Italiana and Spanish). New string opcited. Deleted cited string. New multi-value option scauthors substitutes scauthorcite and scauthorbib options. Updated documentation. . . . .	1	General: Maintenance release. Fixed a bug in the \fullcite command. . . . .	1
v1.9.3		v1.9.7	
General: Maintenance release. Reset philosophy-verbose.cbx to version 1.9. Moved labelname format from philosophy-standard.bbx to philosophy-classic.cbx. . . . .	1	General: Maintenance release. Fixed a bug in the @set bibliography driver. . . . .	1
v1.9.4		v1.9.8	
General: Maintenance release. Fixed some bugs in modern style. . . . .	1	General: Maintenance release. Updated macros involving extrayear component. . . . .	1
v1.9.5		v1.9.8a	
General: Styles completely revised. Provided support for the mergedate default option. latinemph option defined globally. New values for scauthors option. Support for the @set entries for modern style. classical option removed for Spanish. Provided		General: Maintenance release. Corrected missing commas in some .lbx files. . . . .	1
		v1.9.8b	
		General: Maintenance release. Corrected a bug in @incollection and @inproceeding without editor. . . . .	1
		v1.9.8c	
		General: Maintenance release. Corrected a bug in the related entries. Added \mkrelatedparens and \mkrelatedbrackets. . . . .	1
		v1.9.8d	
		General: Changed crossrefdata macro. Updated italian-philosophy.lbx. . . . .	1

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