



Ivan Valbusa

The
biblatex-philosophy
bundle

v1.9.8e – 2021/07/16

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. Poll.

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

v1.9.8e – 2021/07/16

Ivan Valbusa

ivan dot valbusa at gmail dot com

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_UI_T 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^AT_EX*, the most popular Italian guide to L^AT_EX (Pantieri and Gordini 2019).

Acknowledgments

I would like to thank all those who took part in the debate on G_UI_T 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 BibT_EX 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_EX 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_EXbook*, Addison-Wesley.
 — (1986a) *Computers & Typesetting*, vol. B: *T_EX: 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_EXbook*, Addison-Wesley.

- 1986a *Computers & Typesetting*, vol. B: *T_EX: 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

- ¹ 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.
- ² Ivi, p. 26.
- ³ Ibidem.
- ⁴ 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.

⁵ Hyman, «Aristotle's Theory of the Intellect» cit, p. 179.

English philosophy-verbose citation scheme

¹ 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.

² Ibid., p. 26.

³ Ibid.

⁴ 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.

⁵ 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.”:

⁶ Heidegger, op. cit., p. 35.

All the scholarly abbreviations 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_EXbook*, Addison-Wesley, 1984.

— *Computers & Typesetting*, vol. B: *T_EX: 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 matematiche. 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 reimplement of the bibliographic facilities provided by \LaTeX . The biblatex package works with the “backend” (program) biber, which is used to process Bib \TeX format data files and them performs all sorting, label generation.

```
@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
               reimplement 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.}}
```

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.^b

Medicine is an art^a but it is also a science.^b

^aGarlik 1978, p. 13.

^bGarlik (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).

publocyear Oxford University Press, Oxford 2007

locpubyear Oxford, Oxford University Press, 2007

loccolonpub Oxford: Oxford University Press, 2007

`volnumformat` = strings | parens | plain default: plain

This option provides three styles for typesetting the “volume/number” block in @article entries.

plain ...*Journal Title*, 5, 8, ...

strings ...*Journal Title*, vol. 5, n. 8, ...

parens ...*Journal Title* (5, 8), ...

volumeformat = arabic | roman | romanscRoman default: arabic

This option provides three styles for typesetting the volume field.

arabic ...*Book Title*, vol. 12, ...

roman ...*Book Title*, vol. xii, ...

romansc ...*Book Title*, vol. XII, ...

Roman ...*Book Title*, vol. XII, ...

```
editionformat = arabic | roman | romansc | Roman | superscript  default: arabic
```

This option provides three styles for typesetting the `edition` field.

arabic ...*Book Title*, 3^a ed., ...

roman ...*Book Title*, iii ed., ...

romansc ...*Book Title*, III ed., ...

Roman ...*Book Title*, III ed., ...

superscript [only for philosophy-verbose]
*...Book Title, Publisher, Location 2010*³.

```
scauthors = bib | cite | bibcite | citefn | bibcitefn | all      default: false
```

Prints some or all names (authors, editors, translators, etc.) in small caps.

bib Small caps only for the names at the beginning of the entry in the bibliography.

cite Small caps only for the names at the beginning of the entry in the citations.

bibcite	Small caps only for the names at the beginning of the entry both in bibliography and citations.
citefn	Small caps only for the names at the beginning of the entry in the citations inside footnotes.
bibcitefn	Small caps only for the names at the beginning of the entry both in bibliography and citations inside footnotes.
all	Small caps for <i>all</i> 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 “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 scholarly abbreviations “ibidem”, “et al.”, “op. cit.”, “idem” in italic shape.

`iviemph` = true, false default: false

Prints the scholarly abbreviation “ivi” 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 opcited 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 opcited, 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\adddotsspace cit\adddot},
  translationas = {deut\adddotsspace \text{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 Deprecatated 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_UT. Gruppo degli Utilizzatori Italiani di T_EX (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.

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

- 1998 “Elektromagnetisches Signalthorn”, 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 Intellects 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.

- 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, Almquist & 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_EXbook*, 1984.

Vol. B: *T_EX: 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_EXbook*, 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_EX: 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.

Knuth, Donald E.

- 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.

- 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 (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.

Morau, Paul

- 1979 "Le *De Anima* dans la tradition grècque. Quelques aspects de l'interpretation 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 1870-1873*, 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.

Nietzsche, Friedrich

- 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 vangenep 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 vangenep entry. Note the translator and origlanguage fields. Compare with the vangenep: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 vangenep. 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.

- 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 {\PackageError{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 \newtoggle{cbx:iviemph}
26
27 \DeclareBibliographyOption{annotation}[true]{%
28   \settoggle{bbx:annotation}{#1}}
29 \DeclareBibliographyOption{library}[true]{%
30   \settoggle{bbx:library}{#1}}
31 \DeclareBibliographyOption{inbeforejournal}[true]{%
32   \settoggle{bbx:inbeforejournal}{#1}}
33 \DeclareBibliographyOption{classical}[true]{%
34   \settoggle{bbx:classical}{#1}}
35 \DeclareBibliographyOption{lowscauthors}[true]{%
36   \settoggle{bbx:lowscauthors}{#1}}
37 \DeclareBibliographyOption{shorthandintro}[true]{%
38   \settoggle{cbx:shorthandintro}{#1}}
39 \DeclareBibliographyOption{latinemph}[true]{%
40   \settoggle{cbx:latinemph}{#1}}
41 \DeclareBibliographyOption{iviemph}[true]{%
42   \settoggle{cbx:iviemph}{#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.

```

43 \newcommand{\bbx@publocformat}{}
44 \newcommand{\bbx@volnumformat}{}
45 \newcommand{\bbx@relatedformat}{}
46 \newcommand{\bbx@editionformat}{}
47 \newcommand{\bbx@volumeformat}{}
48 \newcommand{\bbx@scauthors}{}
49 \DeclareBibliographyOption{publocformat}[publocyear]{%
50   \renewcommand{\bbx@publocformat}{#1}}
51 \DeclareBibliographyOption{volnumformat}[plain]{%
52   \renewcommand{\bbx@volnumformat}{#1}}
53 \DeclareBibliographyOption{origfieldsformat}[semicolon]{%
54   \renewcommand{\bbx@relatedformat}{#1}}
55 \DeclareBibliographyOption{relatedformat}[semicolon]{%
56   \renewcommand{\bbx@relatedformat}{#1}}
57 \DeclareBibliographyOption{origfields}[true]{%
58   \renewcommand{\bbx@origfields}{#1}}
59 \DeclareBibliographyOption{editionformat}[arabic]{%
60   \renewcommand{\bbx@editionformat}{#1}}
61 \DeclareBibliographyOption{volumeformat}[arabic]{%
62   \renewcommand{\bbx@volumeformat}{#1}}
63 \DeclareBibliographyOption{scauthors}[all]{%
64   \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.

```

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

```

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

```

72 \blx@kv@defkey{blx@bib1}{annotation}[]{}
73 \blx@kv@defkey{blx@bib2}{annotation}[true]{\settoggle{bbx:annotation}{#1}}
74 \blx@kv@defkey{blx@biblist1}{annotation}[]{}
75 \blx@kv@defkey{blx@biblist2}{annotation}[true]{\settoggle{bbx:annotation}{#1}}

```

Now we can execute the default options.

```

76 \ExecuteBibliographyOptions{%
77   publocformat      = publocyear,

```

```

78 volnumformat      = plain,
79 origfieldsformat = semicolon,
80 relatedformat     = semicolon,
81 editionformat     = arabic,
82 volumeformat      = arabic,
83 scauthors         = false,
84 editionformat     = arabic,
85 volumeformat      = arabic,
86 shorthandintro    = true,
87 library           = true,
88 annotation        = false,
89 latinemph         = false,
90 iviemph           = false,
91 classical         = false,
92 inbeforejournal   = false,
93 lowscauthors      = false,
94 useprefix         = true,
95 maxcitenames      = 2,
96 mincitenames      = 1,
97 maxbibnames       = 999,
98 minbibnames       = 999}

```

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

```

99 \setcounter{biburlnumpenalty}{9000}
100 \setcounter{biburlucpenalty}{9000}
101 \setcounter{biburllcpenalty}{9000}

```

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

```

102 \newcounter{maxnamesincross}
103 \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.

```

104 \AtBeginDocument{%
105 \ifdefstring{\bbx@scauthors}{bibcite}%
106   {\toggletrue{bbx:scauthorsbib}}%
107   \toggletrue{cbx:scauthorscite}%
108 }{}%
109 \ifdefstring{\bbx@scauthors}{bib}%
110   {\toggletrue{bbx:scauthorsbib}}%
111   {}{}%
112 \ifdefstring{\bbx@scauthors}{cite}%
113   {\toggletrue{cbx:scauthorscite}}%
114   {}{}%
115 \ifdefstring{\bbx@scauthors}{citefn}%
116   {\toggletrue{cbx:scauthorscitefn}}%
117   {}{}%
118 \ifdefstring{\bbx@scauthors}{bibcitefn}%

```

```

119 {\toggletrue{bbx:scauthorsbib}%
120 \toggletrue{cbx:scauthorscitefn}%
121 }{}%
122 \ifdefstring{\bbx@scauthors}{all}
123 {\usebibmacro{bbx:scswitch}%
124 }{}%
125 }

```

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.

```

126 \AtBeginBibliography{%
127 \togglefalse{cbx:scauthorscite}%
128 \togglefalse{cbx:shorthandintro}%
129 }

```

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

```

130 \AtBeginShorthands{%
131 \togglefalse{bbx:annotation}%
132 \togglefalse{cbx:shorthandintro}%
133 }

```

The annotation field is omitted in every citations.

```

134 \AtEveryCite{%
135 \togglefalse{bbx:annotation}%
136 }

```

10.1.2 New commands

The `\mkibid` command is provided for formatting “et al.”, “ibidem” and other abbreviations. 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”. A new command `\mkivi` is used to format only the string “ivi”.

```

137 \providecommand*\mkibid[1]{\iftoggle{cbx:latinemph}{\mkbibemph{#1}}{#1}}
138 \providecommand*\mkivi[1]{\iftoggle{cbx:iviemph}{\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.

```

139 \newcommand*\volnumpunct{\addcomma\space}
140 \renewcommand*\newunitpunct{\addcomma\space}
141 \renewcommand*\subtitlepunct{\addperiod\space}
142 \renewcommand*\intitlepunct{\addspace}
143 \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 end reset to the default authoryear style: eds., trans., etc. This requires to change the `editortype` field format too.

```
144 \DeclareDelimFormat{editorstrgdelim}{\addspace}
```

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

```
145 \newrobustcmd*{\mkpureparens}[1]{%
146   \begingroup
147     \blx@blxinit
148     \blx@setsfcodes
149     \bibleftparen#1\bibrightrightparen%
150   \endgroup}
151 \newrobustcmd*{\mkpurebrackets}[1]{%
152   \begingroup
153     \blx@blxinit
154     \blx@setsfcodes
155     \bibleftbracket#1\bibrightrightbracket%
156   \endgroup}
```

We define proper parentheses and brackets for “related” blocks

```
157 \def\mkrelatedparens{\mkpureparens}
158 \def\mkrelatedbrackets{\mkpurebrackets}
```

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

```
159 \newcommand*{\annotationfont}{\footnotesize}
160 \newcommand*{\libraryfont}{}
161 \newcommand*{\editionfont}{%
162   \ifdefstring{\bbx@editionformat}{Roman}
163     {\uppercase}%
164     {\ifdefstring{\bbx@editionformat}{romansc}
165       {\scshape}%
166       {\relax}}}%
167 \newrobustcmd*{\edfnt}[1]{%
168   \begingroup
169   \expandafter\editionfont%
170   \expandafter{\romannumeral#1}%
171   \endgroup}
```

A command to select lowercase small caps.

```
172 \newrobustcmd*{\mkbibsc}[1]{%
173   \iftoggle{bbx:lowscauthors}{%
174     \textsc{\MakeLowercase{#1}}}%
175   {\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.

```
176 \newbibmacro*{bbx:scswitch}{%
177   \let\mkbibnamefamily\mkbibsc%
178   \let\mkbibnamegiven\mkbibsc%
179   \let\mkbibnameprefix\mkbibsc%
180   \let\mkbibnamesuffix\mkbibsc}
```

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

```
181 \DeclareNameFormat{sortname}{%
182   \iftoggle{bbx:sauthorsbib}{\usebibmacro{bbx:scswitch}}{}%
183   \nameparts{#1}%
184   \ifnumequal{\value{listcount}}{1}%
185   {\ifgiveninits
186     {\usebibmacro{name:family-given}
187       {\namepartfamily}
188       {\namepartgiveni}
189       {\namepartprefix}
190       {\namepartsuffix}}
191     {\usebibmacro{name:family-given}
192       {\namepartfamily}
193       {\namepartgiven}
194       {\namepartprefix}
195       {\namepartsuffix}}}%
196   \ifboolexpr{%
197     test {\ifdefvoid\namepartgiven}
198     and
199     test {\ifdefvoid\namepartprefix}}
200   {}
201   {\usebibmacro{name:revsdelim}}}
202 {\ifgiveninits
203   {\usebibmacro{name:given-family}
204     {\namepartfamily}
205     {\namepartgiveni}
206     {\namepartprefix}
207     {\namepartsuffix}}
208   {\usebibmacro{name:given-family}
209     {\namepartfamily}
210     {\namepartgiven}
211     {\namepartprefix}
212     {\namepartsuffix}}}%
213   \usebibmacro{name:andothers}}%
214 \DeclareNameFormat{labelname}{%
215   \iftoggle{cbx:sauthorscite}{\usebibmacro{bbx:scswitch}}{}%
216   \iftoggle{cbx:sauthorscitefn}{\iffootnote{\usebibmacro{bbx:scswitch}}{}{}}{}%
217   \bibhyperref{\nameparts{#1}}%
```

```

218 \ifcase\value{uniquename}%
219   \usebibmacro{name:family}%
220     {\namepartfamily}%
221     {\namepartgiven}%
222     {\namepartprefix}%
223     {\namepartsuffix}%
224 \or
225   \ifuseprefix
226     {\usebibmacro{name:given-family}%
227       {\namepartfamily}%
228       {\namepartgiveni}%
229       {\namepartprefix}%
230       {\namepartsuffixi}}%
231     {\usebibmacro{name:given-family}%
232       {\namepartfamily}%
233       {\namepartgiveni}%
234       {\namepartprefixi}%
235       {\namepartsuffixi}}%
236 \or
237   \usebibmacro{name:given-family}%
238     {\namepartfamily}%
239     {\namepartgiven}%
240     {\namepartprefix}%
241     {\namepartsuffix}%
242 \fi
243 \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).

```

244 \DeclareNameFormat{scdefault}{%
245 \usebibmacro{bbx:scswitch}%
246   \nameparts{#1}%
247   \ifgiveninits
248     {\usebibmacro{name:given-family}%
249       {\namepartfamily}%
250       {\namepartgiveni}%
251       {\namepartprefix}%
252       {\namepartsuffix}}%
253     {\usebibmacro{name:given-family}%
254       {\namepartfamily}%
255       {\namepartgiven}%
256       {\namepartprefix}%
257       {\namepartsuffix}}%
258   \usebibmacro{name:andothers}}}%

```

10.1.4 Fields format

```

259 \DeclareFieldFormat[bookinbook,thesis]{title}{\mkbibemph{#1}}
260 \DeclareFieldFormat[review]{title}{\bibcplstring{reviewof}\addspace#1}
261 \DeclareFieldFormat[review]{citetitle}{\bibcplstring{reviewof}\addspace#1}
262 \DeclareFieldFormat[inreference,article]{title}{\mkbibquote{#1}}

```

```

263 \DeclareFieldFormat[bookinbook,thesis]{citetitle}{\mkbibemph{#1}}
264 \DeclareFieldFormat{origtitle}{\mkbibemph{#1}}
265 \DeclareFieldFormat[article]{origtitle}{\mkbibquote{#1}}
266 \DeclareFieldFormat{usera}{\mkbibemph{#1}}
267 \DeclareFieldFormat[bookinbook,inbook]{usera}{\mkbibemph{#1}}
268 \DeclareFieldFormat[incollection]{usera}{\mkbibquote{#1}}
269 \DeclareFieldFormat{userc}{\mkpageprefix[bookpagination]{#1}}
270 \DeclareFieldFormat{url}{\url{#1}}
271 \DeclareFieldFormat{annotation}{\annotationfont #1}
272 \DeclareFieldFormat{library}{\libraryfont #1}
273 \DeclareFieldFormat{pureparens}{\mkpureparens{#1}}
274 \DeclareFieldFormat{editortype}{\mkpureparens{#1}}
275 \DeclareFieldFormat{nameaddon}{\mkpurebrackets{#1}}
276 \DeclareFieldAlias{authortype}{editortype}
277 \DeclareFieldFormat{backrefparens}{\mkpureparens{#1}}
278 \DeclareFieldFormat*{number}{%
279   \ifdefstring{\bbx@volnumformat}{strings}{%
280     \bibstring{number}~#1}{#1}}
281 \DeclareFieldFormat*{series}{%
282   \ifinteger{#1}
283     {\mkbibordseries{#1}~\bibstring{jourser}}
284     {\ifbibstring{#1}{\bibstring{#1}}{#1}}}
285 \DeclareFieldFormat{edition}{%
286   \ifinteger{#1}{%
287     \ifdefstring{\bbx@editionformat}{arabic}
288     {\mkbibordedition{#1}~\bibstring{edition}}
289     {\ifdefstring{\bbx@editionformat}{Roman}%
290       {\RN{#1}~\bibstring{edition}}%
291       {\ifdefstring{\bbx@editionformat}{romansc}%
292         {\textsc{\RN{#1}}~\bibstring{edition}}%
293         {\ifdefstring{\bbx@editionformat}{roman}%
294           {\RN{#1}~\bibstring{edition}}
295           {\ifdefstring{\bbx@editionformat}{superscript}%
296             {\mkbibsuperscript{#1}}%
297             {\optionerror{editionformat}}}}}}}{#1}}\isdot??
298 \DeclareFieldFormat{volume}{%
299   \bibstring{volume}~%
300   \ifinteger{#1}{%
301     \ifdefstring{\bbx@volumeformat}{arabic}%
302     {#1}%
303     {\ifdefstring{\bbx@volumeformat}{Roman}%
304       {\RN{#1}}%
305       {\ifdefstring{\bbx@volumeformat}{romansc}%
306         {\textsc{\RN{#1}}}%
307         {\ifdefstring{\bbx@volumeformat}{roman}%
308           {\RN{#1}}%
309           {\optionerror{volumeformat}}}}}}{#1}}
310 \DeclareFieldFormat[article]{volume}{%
311   \ifdefstring{\bbx@volnumformat}{strings}
312     {\bibstring{volume}~}%
313     {}%

```

```

314 \ifinteger{#1}{%
315   \ifdefstring{\bbx@volumeformat}{arabic}%
316   {#1}%
317   {\ifdefstring{\bbx@volumeformat}{Roman}%
318    {\RN{#1}}%
319    {\ifdefstring{\bbx@volumeformat}{romansc}%
320     {\textsc{\RN{#1}}}%
321     {\ifdefstring{\bbx@volumeformat}{roman}%
322      {\RN{#1}}x%
323      {\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.

```

324 \DeclareFieldFormat{related}{%
325   \ifdefstring{\bbx@relatedformat}{parens}%
326   {\mkrelatedparens{#1}}%
327   {\ifdefstring{\bbx@relatedformat}{brackets}%
328    {\mkrelatedbrackets{#1}}%
329    {\ifdefstring{\bbx@relatedformat}{semicolon}%
330     {#1}%
331     {\optionerror{relatedformat}}}}}%
332 \DeclareFieldAlias{related:origpubin}{related}
333 \DeclareFieldAlias{related:origpubas}{related}
334 \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`.

```

335 \renewbibmacro*{translatorstrg}{%
336   \printtext[editortype]{%
337     \ifboolexpr{
338       test {\ifnumgreater{\value{translator}}{1}}
339       or
340       test {\ifandothers{translator}}
341     }
342     {\bibstring{translators}}
343     {\bibstring{translator}}}
344 \renewbibmacro*{translator+othersstrg}{%
345   \ifboolexpr{
346     test {\ifnumgreater{\value{translator}}{1}}
347     or
348     test {\ifandothers{translator}}
349   }
350   {\def\abx@tempa{translators}}

```

```

351 {\def\abx@tempa{translator}}}%
352 \ifnamesequal{translator}{commentator}
353 {\appto\abx@tempa{co}%
354   \clearname{commentator}}
355 {\ifnamesequal{translator}{annotator}
356   {\appto\abx@tempa{an}%
357     \clearname{annotator}}
358   {}}%
359 \ifnamesequal{translator}{introduction}
360 {\appto\abx@tempa{in}%
361   \clearname{introduction}}
362 {\ifnamesequal{translator}{foreword}
363   {\appto\abx@tempa{fo}%
364     \clearname{foreword}}
365   {\ifnamesequal{translator}{afterword}
366     {\appto\abx@tempa{af}%
367       \clearname{afterword}}
368     {}}}%
369 \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.

```

370 \renewbibmacro*{citeindex}{%
371   \ifciteindex
372     {\indexnames{labelname}}
373     {}}
374 \renewbibmacro*{bibindex}{%
375   \ifbibindex
376     {\indexnames{labelname}}
377     {}}

```

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

```

378 \newbibmacro*{volnumdefault}{%
379   \printfield{volume}%
380   \setunit*{\volnumpunct}%
381   \printfield{number}}
382
383 \newbibmacro*{volnumparens}{%
384   \nopunct%
385   \printtext[pureparens]{%
386     \printfield{volume}%
387     \setunit*{\volnumpunct}%
388     \printfield{number}}}
389
390 \newbibmacro*{volnumstrings}{%
391   \iffieldundef{volume}{}{%
392     \printfield{volume}\setunit*{\volnumpunct}}%
393   \iffieldundef{number}{}{%
394     \printfield{number}}}

```

```

395
396 \renewbibmacro*{volume+number+eid}{%
397     \ifdefstring{\bbx@volnumformat}{strings}
398     {\usebibmacro{volnumstrings}}%
399     {\ifdefstring{\bbx@volnumformat}{parens}
400     {\usebibmacro{volnumparens}}%
401     {\ifdefstring{\bbx@volnumformat}{plain}
402     {\usebibmacro{volnumdefault}}}%
403     {\optionerror{volnumformat}}}%
404 \setunit{\addcomma\space}%
405 \printfield{eid}}
406
407 \renewbibmacro*{periodical}{%
408     \ifboolexpr{
409         test {\iffieldundef{title}}
410         and
411         test {\iffieldundef{subtitle}}
412     }
413     {}
414     {\printtext[title]{%
415         \printfield[titlecase]{title}%
416         \setunit{\subtitlepunct}%
417         \printfield[titlecase]{subtitle}}}}
418
419 \renewbibmacro*{issue}{%
420     \ifboolexpr{
421         test {\iffieldundef{issuetitle}}
422         and
423         test {\iffieldundef{issuesubtitle}}
424     }
425     {}
426     {\printtext[issuetitle]{%
427         \printfield[titlecase]{issuetitle}%
428         \setunit{\subtitlepunct}%
429 \printfield[titlecase]{issuesubtitle}}}}
430
431 %\renewbibmacro*{journal}{%
432 % \iffieldundef{journaltitle}
433 % {}%
434 % {\printtext[journaltitle]{%
435 %     \printfield[titlecase]{journaltitle}%
436 %     \midsentence%
437 %     \setunit{\subtitlepunct}%
438 %     \printfield[titlecase]{journalsubtitle}}}}
439 %
440 %\renewbibmacro*{periodical}{%
441 % \iffieldundef{title}
442 % {}%
443 % {\printtext[title]{%
444 %     \printfield[titlecase]{title}%
445 %     \midsentence%

```

```

446 %      \setunit{\subtitlepunct}%
447 %      \printfield[titlecase]{subtitle}}}}
448
449 \renewbibmacro*{journal+issuetitle}{%
450   \usebibmacro{journal}%
451   \setunit*{\addspace}%
452   \iffieldundef{series}
453     {}%
454     {\newunit%
455       \printfield{series}\setunit{\addspace}\midsentence}%
456     \newunit%
457   \usebibmacro{volume+number+eid}%
458   \setunit{\addspace}%
459   \usebibmacro{issue+date}%
460   \setunit{\addcolon\space}%
461   \usebibmacro{issue}%
462   \newunit}
463
464 \renewbibmacro*{title+issuetitle}{%
465   \usebibmacro{periodical}%
466   \setunit*{\addspace}%
467   \iffieldundef{series}
468     {}%
469     {\newunit
470       \printfield{series}%
471       \setunit{\addspace}\midsentence}%
472   \usebibmacro{volume+number+eid}%
473   \setunit{\addspace}%
474   \usebibmacro{issue+date}%
475   \setunit{\addcolon\space}%
476   \usebibmacro{issue}%
477   \newunit}
478
479 \renewbibmacro*{series+number}{%
480   \printfield{series}%
481   \setunit*{\addcomma\space}%
482   \printfield{number}%
483   \newunit}
484
485 \renewbibmacro*{issue+date}{%
486   \printtext[pureparens]{%
487     \iffieldundef{issue}
488       {\usebibmacro{date}}
489       {\printfield{issue}%
490         \setunit*{\addspace}%
491         \usebibmacro{date}}}%
492   \newunit}
493
494 \renewbibmacro*{event+venue+date}{%
495   \printfield{eventtitle}%
496   \ifboolexpr{%

```

```

497     test {\iffieldundef{venue}}
498     and
499     test {\iffieldundef{eventyear}}
500 }%
501 {}%
502 {\setunit*{\addspace}%
503   \printtext{%
504     \printfield{venue}%
505     \setunit*{\addcomma\space}%
506     \printeventdate}}%
507 \newunit}
508
509 \renewbibmacro*{publisher+location+date}{%
510 \ifdefstring{\bbx@publocformat}{loccolonpub}
511   {\usebibmacro{loccolonpub}}
512   {\ifdefstring{\bbx@publocformat}{locpubyear}
513     {\usebibmacro{locpubyear}}
514     {\ifdefstring{\bbx@publocformat}{publocyear}%
515       {\usebibmacro{publocyear}}{\optionerror{publocformat}}}}
516
517 \renewbibmacro*{institution+location+date}{%
518 \ifdefstring{\bbx@publocformat}{loccolonpub}
519   {\usebibmacro{inloccolonpub}}
520   {\ifdefstring{\bbx@publocformat}{locpubyear}
521     {\usebibmacro{inlocpubyear}}
522     {\ifdefstring{\bbx@publocformat}{publocyear}%
523       {\usebibmacro{inpublocyear}}{\optionerror{publocformat}}}}
524
525 \renewbibmacro*{organization+location+date}{%
526 \ifdefstring{\bbx@publocformat}{loccolonpub}
527   {\usebibmacro{orgloccolonpub}}
528   {\ifdefstring{\bbx@publocformat}{locpubyear}
529     {\usebibmacro{orglocpubyear}}
530     {\ifdefstring{\bbx@publocformat}{publocyear}%
531       {\usebibmacro{orgpublocyear}}{\optionerror{publocformat}}}}
532
533 \newbibmacro*{publocyear}{%
534   \iflistundef{publisher}%
535   {}%
536   {\printlist{publisher}}
537   \setunit*{\addcomma\space}%
538   \printlist{location}%
539   \usebibmacro{relateddate}%
540 \newunit}
541
542 \newbibmacro*{inpublocyear}{%
543   \iflistundef{institution}%
544   {}%
545   {\printlist{institution}}
546   \setunit*{\addcomma\space}%
547   \printlist{location}%

```

```

548 \usebibmacro{relateddate}%
549 \newunit}
550
551 \newbibmacro*{orgpublocyear}{%
552 \iflistundef{organization}%
553 {}%
554 {\printlist{organization}}
555 \setunit*{\addcomma\space}%
556 \printlist{location}%
557 \usebibmacro{relateddate}%
558 \newunit}
559
560 \newbibmacro*{loccolonpub}{%
561 \printlist{location}%
562 \iflistundef{publisher}%
563 {\setunit*{\addspace}}
564 {\setunit*{\addcolon\space}}%
565 \printlist{publisher}%
566 \usebibmacro{commarelateddate}%
567 \newunit}
568
569 \newbibmacro*{inloccolonpub}{%
570 \printlist{location}%
571 \iflistundef{institution}
572 {\setunit*{\addspace}}
573 {\setunit*{\addcolon\space}}%
574 \printlist{institution}%
575 \usebibmacro{commarelateddate}%
576 \newunit}
577
578 \newbibmacro*{orgloccolonpub}{%
579 \printlist{location}%
580 \iflistundef{organization}
581 {\setunit*{\addspace}}
582 {\setunit*{\addcolon\space}}%
583 \printlist{organization}%
584 \usebibmacro{commarelateddate}%
585 \newunit}
586
587 \newbibmacro*{locpubyear}{%
588 \printlist{location}%
589 \iflistundef{publisher}%
590 {\setunit*{\addspace}}
591 {\setunit*{\addcomma\space}}%
592 \printlist{publisher}%
593 \usebibmacro{commarelateddate}%
594 \newunit}
595
596 \newbibmacro*{inlocpubyear}{%
597 \printlist{location}%
598 \iflistundef{institution}

```

```

599     {\setunit*{\addspace}}
600     {\setunit*{\addcomma\space}}}%
601 \printlist{institution}%
602 \usebibmacro{commarelateddate}%
603 \newunit}
604
605 \newbibmacro*{orglocpubyear}{%
606   \printlist{location}%
607   \iflistundef{organization}
608     {\setunit*{\addspace}}
609     {\setunit*{\addcomma\space}}}%
610 \printlist{organization}%
611 \usebibmacro{commarelateddate}%
612 \newunit}
613
614 \renewbibmacro*{addendum+pubstate}{%
615   \printfield{addendum}%
616   \newunit\newblock
617   \printfield{pubstate}%
618   \ifdefstring{\bbx@origfields}{none}{}{}%
619   \newunit\newblock
620   \usebibmacro{origdata:book}}}%
621 \newunit\newblock
622 \usebibmacro{library}}
623
624 \newbibmacro*{addendum+pubstate:article-inbook-incoll}{%
625   \printfield{addendum}%
626   \newunit\newblock
627   \printfield{pubstate}%
628   \ifdefstring{\bbx@origfields}{none}{}{}%
629   \newunit\newblock
630   \usebibmacro{origdata:article-inbook}}}%
631 \newunit\newblock
632 \usebibmacro{library}}
633
634 \newbibmacro*{library}{%
635   \iftoggle{bbx:library}{%
636     \iffieldundef{library}%
637       {}%
638       {\setunit{\addperiod\space}%
639        {\printfield{library}}}}}%
640   {}%
641
642 \renewbibmacro*{pageref}{%
643   \iflistundef{pageref}
644     {}%
645     {\setunit{\addperiod\space}%
646      \printtext[backrefparens]{%
647        \ifnumgreater{\value{pageref}}{1}
648          {\bibcpstring{backrefpages}\ppspace}%
649          {\bibcpstring{backrefpage}\ppspace}%

```

```

650 \printlist[pageref][- \value{listtotal}]{pageref}\adddot\NOPUNCT}}%
651
652 \renewbibmacro*{finentry}{%
653 \iftoggle{bbx:annotation}%
654 {\iffielddundef{annotation}%
655 {\finentry}%
656 {\setunit{\addperiod\par\nobreak\vspace*{.5ex}}%
657 \printtext[annotation]{\printfield{annotation}\finentry\par}}}%
658 {\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.

```

659 \renewbibmacro*{in:}{%
660 \bibstring{in}\addspace}
661 % \printunit{\intitlepunct}}

```

10.1.6 Related entries

```

662 \newbibmacro*{relateddate}{%
663 \setunit*{\addspace}%
664 \printdate}
665 \newbibmacro*{commarelateddate}{%
666 \setunit*{\addcomma\space}%
667 \printdate}

```

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

```

668 \newbibmacro*{related:clearauthors}{%
669 \renewbibmacro*{author/translator+others}{\usebibmacro{bbx:savehash}}%
670 \renewbibmacro*{author/editor+others/translator+others}{\usebibmacro{bbx:savehash}}%
671 \renewbibmacro*{editor+others}{\usebibmacro{bbx:savehash}}%
672 \renewbibmacro*{author/translator+others}{\usebibmacro{bbx:savehash}}%
673 \renewbibmacro*{author/editor}{\usebibmacro{bbx:savehash}}%
674 \renewbibmacro*{author}{\usebibmacro{bbx:savehash}}%
675 \renewbibmacro*{editor}{\usebibmacro{bbx:savehash}}%
676 \renewcommand*{\labelnamepunct}{}%
677 \DeclareCiteCommand{\relatedcite}
678 {}%
679 {\usedriver
680 {\DeclareNameAlias{sortname}{default}}%
681 \ifbibmacroundef{date+extradate}
682 {}
683 {%\renewbibmacro*{date+extradate}{}%
684 \renewbibmacro*{bbx:ifmergeddate}{\@secondoftwo}}%
685 \usebibmacro{related:clearauthors}%
686 \renewbibmacro*{relateddate}{%
687 \setunit*{\addspace}\printdate}%
688 \renewbibmacro*{commarelateddate}{%
689 \setunit*{\addcomma\space}\printdate}%
690 }%

```

```

691 {\thefield{entrytype}}}%
692 {}%
693 {}%
694 \renewbibmacro*{related:default}[1]{%
695   \togglefalse{bbx:annotation}%
696   \ifboolexpr{
697     test {\iffielddundef{relatedtype}}
698     and
699     test {\iffielddundef{relatedstring}}
700   }
701   {\printtext{\bibstring{translationas}}}{}%
702   \printtext{\addspace}%
703   \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.

```

704 \renewbibmacro*{begrelatedloop}{%
705   \renewrobustcmd*{\mkrelatedparens}{\relatedpunct}%
706   \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.

```

707 \newbibmacro*{phil:related}{%
708   \iftoggle{bbx:related}
709     {\iffieldequalstr{relatedtype}{multivolume}%
710      {\setunit{\addperiod}}}%
711     {\ifdefstring{\bbx@relatedformat}{semicolon}%
712      {\setunit{\relatedpunct}}}%
713     {\setunit{\addspace}}}%
714   \usebibmacro{related:init}%
715   \usebibmacro{related}}}%

```

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

```

716 \renewbibmacro*{bybookauthor}{%
717   \ifnameequal{author}{bookauthor}%
718   }%
719   {\printnames[default]{bookauthor}}}%
720
721 \newbibmacro*{xrefdata}{%
722   \iffielddundef{volume}
723   }%
724   {\printfield{volume}%
725    \printfield{part}%
726    \setunit{\addcolon\space}%
727    \printfield{booktitle}}}%
728   \newunit\newblock
729   \usebibmacro{byeditor+others}%

```

```

730 \newunit\newblock
731 \printfield{edition}%
732 \newunit
733 \printfield{volumes}%
734 \newunit\newblock
735 \usebibmacro{series+number}%
736 \newunit\newblock
737 \printfield{note}%
738 \newunit\newblock
739 \usebibmacro{publisher+location+date}%
740 \newunit\newblock
741 \usebibmacro{chapter+pages}%
742 \newunit\newblock
743 \iftoggle{bbx:isbn}
744 {\printfield{isbn}}
745 {}%
746 \newunit\newblock
747 \usebibmacro{doi+eprint+url}%
748 \newunit\newblock
749 \usebibmacro{addendum+pubstate:article-inbook-incoll}%
750 \newblock
751 \usebibmacro{phil:related}%
752 \newunit\newblock
753 \usebibmacro{pageref}%
754 \usebibmacro{finentry}}
755
756 \newbibmacro*{crossrefdata}{%
757 \printfield{volume}%
758 \printfield{part}%
759 \newunit\newblock
760 \usebibmacro{chapter+pages}%
761 \newunit\newblock
762 \iftoggle{bbx:isbn}
763 {\printfield{isbn}}
764 {}%
765 \newunit\newblock
766 \usebibmacro{doi+eprint+url}%
767 \newblock
768 \usebibmacro{phil:related}%
769 \newunit\newblock
770 \usebibmacro{pageref}%
771 \usebibmacro{finentry}}

```

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

```

772 \newbibmacro*{origpublisher+origlocation+origdate}{%
773 \ifdefstring{\bbx@publocformat}{loccolonpub}
774 {\usebibmacro{origloccolonpub}\setunit{\bibpagespunct}%
775 \printfield{userc}}{\ifdefstring{\bbx@publocformat}{locpubyear}
776 {\usebibmacro{origlocpubyear}\setunit{\bibpagespunct}%
777 \printfield{userc}}

```

```

778     {\usebibmacro{origpublocyear}\setunit{\bibpagespunct}%
779     \printfield{userc}}}}
780
781 \newbibmacro*{origpublocyear}{%
782   \iflistundef{origpublisher}%
783   {\printlist{origlocation}%
784     \setunit*{\addspace}%
785     \printorigdate}%
786   {\printlist{origpublisher}%
787     \setunit*{\addcomma\space}%
788     \printlist{origlocation}%
789     \setunit*{\addspace}%
790     \printorigdate}%
791   \newunit}
792
793 \newbibmacro*{origloccolonpub}{%
794   \iflistundef{origlocation}{}%
795   {\printlist{origlocation}}%
796   \iflistundef{origpublisher}%
797   {\setunit*{\addspace}%
798     \printorigdate}%
799   {\setunit*{\addcolon\space}%
800     \printlist{origpublisher}%
801     \setunit*{\addcomma\space}%
802     \printorigdate}%
803   \newunit}
804
805 \newbibmacro*{origloccpubyear}{%
806   \iflistundef{origlocation}{}%
807   {\printlist{origlocation}}%
808   \iflistundef{origpublisher}%
809   {\setunit*{\addspace}%
810     \printorigdate}%
811   {\setunit*{\addcomma\space}%
812     \printlist{origpublisher}%
813     \setunit*{\addcomma\space}%
814     \printorigdate}%
815   \newunit}
816
817 \newbibmacro*{reprinttitle}{%
818   \iffieldundef{reprinttitle}{}%
819   \iffieldsequal{reprinttitle}{title}{}%
820   \printfield[title]{reprinttitle}%
821   \setunit{\addcomma\space}}}%
822 \iffieldundef{userb}{}%
823 \printfield{userb}}}%
824
825 \newbibmacro*{transorigstring}{%
826   \iffieldundef{reprinttitle}%
827   {\printtext{\ifdefstring{\bbx@origfields}{origed}
828     {\bibstring{origpubas}}}%

```

```

829      {\bibstring{translationas}}}\nopunct}%
830 {\printtext{\bibstring{reprint}}}\nopunct}
831
832 \newbibmacro*{origtitle:book}{%
833   \iffieldundef{origtitle}{}{
834     \printfield[origtitle]{origtitle}%
835     \setunit{\addcomma\space}}
836   \iffieldundef{userb}{}{
837     \printfield{userb}}}%
838
839 \newbibmacro*{origtitledata:book}{%
840   \usebibmacro{transorigstring}%
841   \iffieldundef{reprinttitle}%
842   {\usebibmacro{origtitle:book}}%
843   {\usebibmacro{reprinttitle}}%
844   \newunit\newblock
845   \usebibmacro{origpublisher+origlocation+origdate}}
846
847 \newbibmacro*{origdata:book}{%
848   \ifboolexpr{%
849     test {\iffieldundef{origtitle}}
850     and
851     test {\iffieldundef{origlocation}}
852     and
853     test {\iffieldundef{origpublisher}}
854     and
855     test {\iffieldundef{origyear}}
856   }%
857   {}%
858   {\ifdefstring{\bbx@relatedformat}{parens}
859     {\nopunct\printtext[pureparens]{\usebibmacro{origtitledata:book}}}
860     {\ifdefstring{\bbx@relatedformat}{brackets}
861       {\nopunct\printtext[brackets]{\usebibmacro{origtitledata:book}}}
862       {\setunit{\addsemicolon\space}%
863         \printtext{\usebibmacro{origtitledata:book}}}}}%
864
865 \newbibmacro*{origtitle:article-inbook-incoll}{%
866   \iffieldundef{origtitle}{}{
867     \printfield[origtitle]{origtitle}%
868     \setunit{\addcomma\space}}%
869   \iffieldundef{usera}{}{
870     \usebibmacro{in:}%
871     \printfield{usera}%
872     \setunit{\addcomma\space}}%
873   \iffieldundef{userb}{}{
874     \printfield{userb}%
875     \newunit}}
876
877 \newbibmacro*{origtitledata:article-inbook-incoll}{%
878   \usebibmacro{transorigstring}%
879   \setunit{\addspace}%

```

```

880 \usebibmacro{origtitle:article-inbook-incoll}%
881 \usebibmacro{origpublisher+origlocation+origdate}}
882
883 \newbibmacro*{origdata:article-inbook}{%
884 \iflistundef{origlocation}}{%
885 \ifdefstring{\bbx@relatedformat}{parens}%
886 {\nopunct\printtext[pureparens]{%
887 \usebibmacro{origtitledata:article-inbook-incoll}}}%
888 {\ifdefstring{\bbx@relatedformat}{brackets}%
889 {\nopunct\printtext[brackets]{%
890 \usebibmacro{origtitledata:article-inbook-incoll}}}%
891 {\setunit{\addsemicolon\space}%
892 \printtext{%
893 \usebibmacro{origtitledata:article-inbook-incoll}}}}}}

```

10.1.7 Bibliography drivers

```

894 \DeclareBibliographyDriver{article}{%
895 \usebibmacro{bibindex}%
896 \usebibmacro{begentry}%
897 \usebibmacro{author/translator+others}%
898 \setunit{\labelnamepunct}\newblock
899 \usebibmacro{title}%
900 \newunit
901 \printlist{language}%
902 \newunit\newblock
903 \usebibmacro{byauthor}%
904 \newunit\newblock
905 \usebibmacro{bytranslator+others}%
906 \newunit\newblock
907 \printfield{version}%
908 \newunit\newblock
909 \iftoggle{bbx:inbeforejournal}{\usebibmacro{in:}}{}%
910 \usebibmacro{journal+issuetitle}%
911 \newunit\newblock
912 \usebibmacro{byeditor+others}%
913 \newunit\newblock
914 \usebibmacro{note+pages}%
915 \newunit\newblock
916 \iftoggle{bbx:isbn}
917 {\printfield{issn}}
918 {}%
919 \newunit\newblock
920 \usebibmacro{doi+eprint+url}%
921 \newunit\newblock
922 \usebibmacro{addendum+pubstate:article-inbook-incoll}%
923 \newblock
924 \usebibmacro{phil:related}%
925 \newunit\newblock
926 \usebibmacro{pageref}%
927 \usebibmacro{finentry}}

```

```

928
929 \DeclareBibliographyDriver{book}{%
930   \usebibmacro{bibindex}%
931   \usebibmacro{begentry}%
932   \usebibmacro{author/editor+others/translator+others}%
933   \setunit{\labelnamepunct}\newblock
934   \usebibmacro{maintitle+title}%
935   \newunit
936   \printlist{language}%
937   \newunit\newblock
938   \usebibmacro{byauthor}%
939   \newunit\newblock
940   \usebibmacro{byeditor+others}%
941   \newunit\newblock
942   \printfield{edition}%
943   \newunit
944   \printfield{volumes}%
945   \newunit\newblock
946   \usebibmacro{series+number}%
947   \newunit\newblock
948   \printfield{note}%
949   \newunit\newblock
950   \usebibmacro{publisher+location+date}%
951   \newunit
952   \iffieldundef{maintitle}
953     {\printfield{volume}%
954       \printfield{part}}
955     {}%
956   \newunit\newblock
957   \usebibmacro{chapter+pages}%
958   \newunit
959   \printfield{pagetotal}%
960   \newunit\newblock
961   \iftoggle{bbx:isbn}
962     {\printfield{isbn}}
963     {}%
964   \newunit\newblock
965   \usebibmacro{doi+eprint+url}%
966   \newunit\newblock
967   \usebibmacro{addendum+pubstate}%
968   \newblock
969   \usebibmacro{phil:related}%
970   \newunit\newblock
971   \usebibmacro{pageref}%
972   \usebibmacro{finentry}}
973
974 \DeclareBibliographyDriver{booklet}{%
975   \usebibmacro{bibindex}%
976   \usebibmacro{begentry}%
977   \usebibmacro{author/editor+others/translator+others}%
978   \setunit{\labelnamepunct}\newblock

```

```

979 \usebibmacro{title}%
980 \newunit
981 \printlist{language}%
982 \newunit\newblock
983 \usebibmacro{byauthor}%
984 \newunit\newblock
985 \usebibmacro{byeditor+others}%
986 \newunit\newblock
987 \printfield{howpublished}%
988 \newunit\newblock
989 \printfield{type}%
990 \newunit\newblock
991 \printfield{note}%
992 \newunit\newblock
993 \usebibmacro{location+date}%
994 \newunit\newblock
995 \usebibmacro{chapter+pages}%
996 \newunit
997 \printfield{pagetotal}%
998 \newunit\newblock
999 \usebibmacro{doi+eprint+url}%
1000 \newunit\newblock
1001 \usebibmacro{addendum+pubstate}%
1002 \newblock
1003 \usebibmacro{phil:related}%
1004 \newunit\newblock
1005 \usebibmacro{pageref}%
1006 \usebibmacro{finentry}}
1007
1008 \DeclareBibliographyDriver{collection}{%
1009 \usebibmacro{bibindex}%
1010 \usebibmacro{begentry}%
1011 \usebibmacro{editor+others}%
1012 \setunit{\labelnamepunct}\newblock
1013 \usebibmacro{maintitle+title}%
1014 \newunit
1015 \printlist{language}%
1016 \newunit\newblock
1017 \usebibmacro{byeditor+others}%
1018 \newunit\newblock
1019 \printfield{edition}%
1020 \newunit
1021 \iffieldundef{maintitle}
1022   {\printfield{volume}%
1023     \printfield{part}}
1024   {}%
1025 \newunit
1026 \printfield{volumes}%
1027 \newunit\newblock
1028 \usebibmacro{series+number}%
1029 \newunit\newblock

```

```

1030 \printfield{note}%
1031 \newunit\newblock
1032 \usebibmacro{publisher+location+date}%
1033 \newunit\newblock
1034 \usebibmacro{chapter+pages}%
1035 \newunit
1036 \printfield{pagetotal}%
1037 \newunit\newblock
1038 \iftoggle{bbx:isbn}
1039   {\printfield{isbn}}
1040   {}%
1041 \newunit\newblock
1042 \usebibmacro{doi+eprint+url}%
1043 \newunit\newblock
1044 \usebibmacro{addendum+pubstate}%
1045 \newblock
1046 \usebibmacro{phil:related}%
1047 \newunit\newblock
1048 \usebibmacro{pageref}%
1049 \usebibmacro{finentry}}
1050
1051 \DeclareBibliographyDriver{inbook}{%
1052   \usebibmacro{bibindex}%
1053   \usebibmacro{begentry}%
1054   \usebibmacro{author/translator+others}%
1055   \setunit{\labelnamepunct}\newblock
1056   \usebibmacro{title}%
1057   \newunit
1058   \printlist{language}%
1059   \newunit\newblock
1060   \usebibmacro{byauthor}%
1061   \newunit\newblock
1062   \usebibmacro{in:}%
1063   \iffielddundef{xref}%
1064     {\iffielddundef{crossref}{\usebibmacro{inbook:full}}}%
1065     {\bbx@crossref@inbook{\thefield{crossref}}}%
1066     \newunit\newblock
1067     \usebibmacro{crossrefdata}}}%
1068   {\bbx@crossref@inbook{\thefield{xref}}}%
1069   \newunit\newblock
1070   \usebibmacro{xrefdata}}}%
1071
1072 \newbibmacro*{inbook:full}{%
1073   \usebibmacro{bybookauthor}%
1074   \newunit\newblock
1075   \usebibmacro{maintitle+booktitle}%
1076   \newunit\newblock
1077   \usebibmacro{byeditor+others}%
1078   \newunit\newblock
1079   \printfield{edition}%
1080   \newunit

```

```

1081 \printfield{volumes}%
1082 \newunit\newblock
1083 \usebibmacro{series+number}%
1084 \newunit\newblock
1085 \printfield{note}%
1086 \newunit\newblock
1087 \usebibmacro{publisher+location+date}%
1088 \newunit
1089 \iffieldundef{maintitle}
1090   {\printfield{volume}%
1091     \printfield{part}}
1092   {%
1093 \newunit\newblock
1094 \usebibmacro{chapter+pages}%
1095 \newunit\newblock
1096 \iftoggle{bbx:isbn}
1097   {\printfield{isbn}}
1098   {%
1099 \newunit\newblock
1100 \usebibmacro{doi+eprint+url}%
1101 \newunit\newblock
1102 \usebibmacro{addendum+pubstate:article-inbook-incoll}%
1103 \newblock
1104 \usebibmacro{phil:related}%
1105 \newunit\newblock
1106 \usebibmacro{pageref}%
1107 \usebibmacro{finentry}}
1108
1109 \DeclareBibliographyDriver{incollection}{%
1110   \usebibmacro{bibindex}%
1111   \usebibmacro{begentry}%
1112   \usebibmacro{author/translator+others}%
1113   \setunit{\labelnamepunct}\newblock
1114   \usebibmacro{title}%
1115   \newunit
1116   \printlist{language}%
1117   \newunit\newblock
1118   \usebibmacro{byauthor}%
1119   \newunit\newblock
1120   \usebibmacro{in:}%
1121   \iffieldundef{xref}%
1122     {\iffieldundef{crossref}{\usebibmacro{incollection:full}}%
1123       {\bbx@crossref@incollection{\thefield{crossref}}}%
1124     \newunit\newblock
1125     \usebibmacro{crossrefdata}}}%
1126   {\bbx@crossref@incollection{\thefield{xref}}}%
1127   \newunit\newblock
1128   \usebibmacro{xrefdata}}}%
1129
1130 \newbibmacro*{incollection:full}{%
1131   \usebibmacro{maintitle+booktitle}%

```

```

1132 \newunit\newblock
1133 \usebibmacro{byeditor+others}%
1134 \newunit\newblock
1135 \printfield{edition}%
1136 \newunit
1137 \printfield{volumes}%
1138 \newunit\newblock
1139 \usebibmacro{series+number}%
1140 \newunit\newblock
1141 \printfield{note}%
1142 \newunit\newblock
1143 \usebibmacro{publisher+location+date}%
1144 \newunit
1145 \iffieldundef{maintitle}
1146   {\printfield{volume}%
1147    \printfield{part}}
1148   {}%
1149 \newunit\newblock
1150 \usebibmacro{chapter+pages}%
1151 \newunit\newblock
1152 \iftoggle{bbx:isbn}
1153   {\printfield{isbn}}
1154   {}%
1155 \newunit\newblock
1156 \usebibmacro{doi+eprint+url}%
1157 \newunit\newblock
1158 \usebibmacro{addendum+pubstate:article-inbook-incoll}%
1159 \newblock
1160 \usebibmacro{phil:related}%
1161 \newunit\newblock
1162 \usebibmacro{pageref}%
1163 \usebibmacro{finentry}}
1164
1165 \DeclareBibliographyDriver{inproceedings}{%
1166   \usebibmacro{bibindex}%
1167   \usebibmacro{begentry}%
1168   \usebibmacro{author/translator+others}%
1169   \setunit{\labelnamepunct}\newblock
1170   \usebibmacro{title}%
1171   \newunit
1172   \printlist{language}%
1173   \newunit\newblock
1174   \usebibmacro{byauthor}%
1175   \newunit\newblock
1176   \usebibmacro{in:}%
1177   \iffieldundef{xref}%
1178     {\iffieldundef{crossref}{\usebibmacro{inproceedings:full}}}%
1179     {\bbx@crossref@incollection{\thefield{crossref}}}%
1180   \newunit\newblock
1181   \usebibmacro{crossrefdata}}}%
1182   {\bbx@crossref@incollection{\thefield{xref}}}%

```

```

1183 \newunit\newblock
1184 \usebibmacro{xrefdata}}}}
1185
1186 \newbibmacro*{inproceedings:full}{%
1187 \usebibmacro{maintitle+booktitle}%
1188 \newunit\newblock
1189 \usebibmacro{event+venue+date}%
1190 \newunit\newblock
1191 \usebibmacro{byeditor+others}%
1192 \newunit
1193 \printfield{volumes}%
1194 \newunit\newblock
1195 \usebibmacro{series+number}%
1196 \newunit\newblock
1197 \printfield{note}%
1198 \newunit\newblock
1199 \printlist{organization}%
1200 \newunit
1201 \usebibmacro{publisher+location+date}%
1202 \newunit
1203 \iffieldundef{maintitle}
1204 {\printfield{volume}%
1205 \printfield{part}}
1206 {}%
1207 \newunit\newblock
1208 \usebibmacro{chapter+pages}%
1209 \newunit\newblock
1210 \iftoggle{bbx:isbn}
1211 {\printfield{isbn}}
1212 {}%
1213 \newunit\newblock
1214 \usebibmacro{doi+eprint+url}%
1215 \newunit\newblock
1216 \usebibmacro{addendum+pubstate:article-inbook-incoll}%
1217 \newblock
1218 \usebibmacro{phil:related}%
1219 \newunit\newblock
1220 \usebibmacro{pageref}%
1221 \usebibmacro{finentry}}
1222
1223 \DeclareBibliographyDriver{manual}{%
1224 \usebibmacro{bibindex}%
1225 \usebibmacro{begentry}%
1226 \usebibmacro{author/editor}%
1227 \setunit{\labelnamepunct}\newblock
1228 \usebibmacro{title}%
1229 \newunit
1230 \printlist{language}%
1231 \newunit\newblock
1232 \usebibmacro{byauthor}%
1233 \newunit\newblock

```

```

1234 \usebibmacro{byeditor}%
1235 \newunit\newblock
1236 \printfield{edition}%
1237 \newunit\newblock
1238 \usebibmacro{series+number}%
1239 \newunit\newblock
1240 \printfield{type}%
1241 \newunit
1242 \printfield{version}%
1243 \newunit
1244 \printfield{note}%
1245 \newunit\newblock
1246 \printlist{organization}%
1247 \newunit
1248 \usebibmacro{publisher+location+date}%
1249 \newunit\newblock
1250 \usebibmacro{chapter+pages}%
1251 \newunit
1252 \printfield{pagetotal}%
1253 \newunit\newblock
1254 \iftoggle{bbx:isbn}
1255   {\printfield{isbn}}
1256   {}%
1257 \newunit\newblock
1258 \usebibmacro{doi+eprint+url}%
1259 \newunit\newblock
1260 \usebibmacro{addendum+pubstate}%
1261 \newblock
1262 \usebibmacro{phil:related}%
1263 \newunit\newblock
1264 \usebibmacro{pageref}%
1265 \usebibmacro{finentry}}
1266
1267 \DeclareBibliographyDriver{misc}{%
1268   \usebibmacro{bibindex}%
1269   \usebibmacro{begentry}%
1270   \usebibmacro{author/editor+others/translator+others}%
1271   \setunit{\labelnamepunct}\newblock
1272   \usebibmacro{title}%
1273   \newunit
1274   \printlist{language}%
1275   \newunit\newblock
1276   \usebibmacro{byauthor}%
1277   \newunit\newblock
1278   \usebibmacro{byeditor+others}%
1279   \newunit\newblock
1280   \printfield{howpublished}%
1281   \newunit\newblock
1282   \printfield{type}%
1283   \newunit
1284   \printfield{version}%

```

```

1285 \newunit
1286 \printfield{note}%
1287 \newunit\newblock
1288 \usebibmacro{organization+location+date}%
1289 \newunit\newblock
1290 \usebibmacro{doi+eprint+url}%
1291 \newunit\newblock
1292 \usebibmacro{addendum+pubstate}%
1293 \newblock
1294 \usebibmacro{phil:related}%
1295 \newunit\newblock
1296 \usebibmacro{pageref}%
1297 \usebibmacro{finentry}}
1298
1299 \DeclareBibliographyDriver{online}{%
1300   \usebibmacro{bibindex}%
1301   \usebibmacro{begentry}%
1302   \usebibmacro{author/editor+others/translator+others}%
1303   \setunit{\labelnamepunct}\newblock
1304   \usebibmacro{title}%
1305   \newunit
1306   \printlist{language}%
1307   \newunit\newblock
1308   \usebibmacro{byauthor}%
1309   \newunit\newblock
1310   \usebibmacro{byeditor+others}%
1311   \newunit\newblock
1312   \printfield{version}%
1313   \newunit
1314   \printfield{note}%
1315   \newunit\newblock
1316   \printlist{organization}%
1317   \newunit\newblock
1318   \usebibmacro{date}%
1319   \newunit\newblock
1320   \iftoggle{bbx:eprint}
1321     {\usebibmacro{eprint}}
1322     {}%
1323   \newunit\newblock
1324   \usebibmacro{url+urldate}%
1325   \newunit\newblock
1326   \usebibmacro{addendum+pubstate}%
1327   \newblock
1328   \usebibmacro{phil:related}%
1329   \newunit\newblock
1330   \usebibmacro{pageref}%
1331   \usebibmacro{finentry}}
1332
1333 \DeclareBibliographyDriver{patent}{%
1334   \usebibmacro{bibindex}%
1335   \usebibmacro{begentry}%

```

```

1336 \usebibmacro{author}%
1337 \setunit{\labelnamepunct}\newblock
1338 \usebibmacro{title}%
1339 \newunit
1340 \printlist{language}%
1341 \newunit\newblock
1342 \usebibmacro{byauthor}%
1343 \newunit\newblock
1344 \printfield{type}%
1345 \setunit*\addspace%
1346 \printfield{number}%
1347 \iflistundef{location}
1348   {}
1349   {\setunit*\addspace%
1350     \printtext[parens]{%
1351       \printlist[][-\value{listtotal}]{location}}}%
1352 \newunit\newblock
1353 \usebibmacro{byholder}%
1354 \newunit\newblock
1355 \printfield{note}%
1356 \newunit\newblock
1357 \usebibmacro{date}%
1358 \newunit\newblock
1359 \usebibmacro{doi+eprint+url}%
1360 \newunit\newblock
1361 \usebibmacro{addendum+pubstate}%
1362 \newblock
1363 \usebibmacro{phil:related}%
1364 \newunit\newblock
1365 \usebibmacro{pageref}%
1366 \usebibmacro{finentry}}
1367
1368 \DeclareBibliographyDriver{periodical}{%
1369   \usebibmacro{bibindex}%
1370   \usebibmacro{begentry}%
1371   \usebibmacro{editor}%
1372   \setunit{\labelnamepunct}\newblock
1373   \usebibmacro{title+issuetitle}%
1374   \newunit
1375   \printlist{language}%
1376   \newunit\newblock
1377   \usebibmacro{byeditor}%
1378   \newunit\newblock
1379   \printfield{note}%
1380   \newunit\newblock
1381   \iftoggle{bbx:isbn}
1382     {\printfield{issn}}
1383     {}%
1384   \newunit\newblock
1385   \usebibmacro{doi+eprint+url}%
1386   \newunit\newblock

```

```

1387 \usebibmacro{addendum+pubstate}%
1388 \newblock
1389 \usebibmacro{phil:related}%
1390 \newunit\newblock
1391 \usebibmacro{pageref}%
1392 \usebibmacro{finentry}}
1393
1394 \DeclareBibliographyDriver{proceedings}{%
1395   \usebibmacro{bibindex}%
1396   \usebibmacro{begentry}%
1397   \usebibmacro{editor+others}%
1398   \setunit{\labelnamepunct}\newblock
1399   \usebibmacro{maintitle+title}%
1400   \newunit
1401   \printlist{language}%
1402   \newunit\newblock
1403   \usebibmacro{event+venue+date}%
1404   \newunit\newblock
1405   \usebibmacro{byeditor+others}%
1406   \newunit\newblock
1407   \iffieldundef{maintitle}
1408     {\printfield{volume}%
1409      \printfield{part}}
1410     {}%
1411   \newunit
1412   \printfield{volumes}%
1413   \newunit\newblock
1414   \usebibmacro{series+number}%
1415   \newunit\newblock
1416   \printfield{note}%
1417   \newunit\newblock
1418   \printlist{organization}%
1419   \newunit
1420   \usebibmacro{publisher+location+date}%
1421   \newunit\newblock
1422   \usebibmacro{chapter+pages}%
1423   \newunit
1424   \printfield{pagetotal}%
1425   \newunit\newblock
1426   \iftoggle{bbx:isbn}
1427     {\printfield{isbn}}
1428     {}%
1429   \newunit\newblock
1430   \usebibmacro{doi+eprint+url}%
1431   \newunit\newblock
1432   \usebibmacro{addendum+pubstate}%
1433   \newblock
1434   \usebibmacro{phil:related}%
1435   \newunit\newblock
1436   \usebibmacro{pageref}%
1437   \usebibmacro{finentry}}

```

```

1438
1439 \DeclareBibliographyDriver{report}{%
1440   \usebibmacro{bibindex}%
1441   \usebibmacro{begentry}%
1442   \usebibmacro{author}%
1443   \setunit{\labelnamepunct}\newblock
1444   \usebibmacro{title}%
1445   \newunit
1446   \printlist{language}%
1447   \newunit\newblock
1448   \usebibmacro{byauthor}%
1449   \newunit\newblock
1450   \printfield{type}%
1451   \setunit*\addspace}%
1452   \printfield{number}%
1453   \newunit\newblock
1454   \printfield{version}%
1455   \newunit
1456   \printfield{note}%
1457   \newunit\newblock
1458   \usebibmacro{institution+location+date}%
1459   \newunit\newblock
1460   \usebibmacro{chapter+pages}%
1461   \newunit
1462   \printfield{pagetotal}%
1463   \newunit\newblock
1464   \iftoggle{bbx:isbn}
1465     {\printfield{isrn}}
1466     {}%
1467   \newunit\newblock
1468   \usebibmacro{doi+eprint+url}%
1469   \newunit\newblock
1470   \usebibmacro{addendum+pubstate}%
1471   \newblock
1472   \usebibmacro{phil:related}%
1473   \newunit\newblock
1474   \usebibmacro{pageref}%
1475   \usebibmacro{finentry}}
1476
1477 \DeclareBibliographyDriver{thesis}{%
1478   \usebibmacro{bibindex}%
1479   \usebibmacro{begentry}%
1480   \usebibmacro{author}%
1481   \setunit{\labelnamepunct}\newblock
1482   \usebibmacro{title}%
1483   \newunit
1484   \printlist{language}%
1485   \newunit\newblock
1486   \usebibmacro{byauthor}%
1487   \newunit\newblock
1488   \printfield{note}%

```

```

1489 \newunit\newblock
1490 \printfield{type}%
1491 \newunit
1492 \usebibmacro{institution+location+date}%
1493 \newunit\newblock
1494 \usebibmacro{chapter+pages}%
1495 \newunit
1496 \printfield{pagetotal}%
1497 \newunit\newblock
1498 \iftoggle{bbx:isbn}
1499   {\printfield{isbn}}
1500   {}%
1501 \newunit\newblock
1502 \usebibmacro{doi+eprint+url}%
1503 \newunit\newblock
1504 \usebibmacro{addendum+pubstate}%
1505 \newblock
1506 \usebibmacro{phil:related}%
1507 \newunit\newblock
1508 \usebibmacro{pageref}%
1509 \usebibmacro{finentry}}
1510
1511 \DeclareBibliographyDriver{unpublished}{%
1512   \usebibmacro{bibindex}%
1513   \usebibmacro{begentry}%
1514   \usebibmacro{author}%
1515   \setunit{\labelnamepunct}\newblock
1516   \usebibmacro{title}%
1517   \newunit
1518   \printlist{language}%
1519   \newunit\newblock
1520   \usebibmacro{byauthor}%
1521   \newunit\newblock
1522   \printfield{howpublished}%
1523   \newunit\newblock
1524   \printfield{note}%
1525   \newunit\newblock
1526   \usebibmacro{location+date}%
1527   \newunit\newblock
1528   \iftoggle{bbx:url}
1529     {\usebibmacro{url+urldate}}
1530     {}%
1531   \newunit\newblock
1532   \usebibmacro{addendum+pubstate}%
1533   \newblock
1534   \usebibmacro{phil:related}%
1535   \newunit\newblock
1536   \usebibmacro{pageref}%
1537   \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.

```
1538 \DeclareBibliographyDriver{set}{%
1539   \savefield{annotation}{\@phil@nnote}%
1540   \clearfield{annotation}%
1541   \entryset{}{}%
1542   \newunit\newblock
1543   \restorefield{annotation}{\@phil@nnote}%
1544   \usebibmacro{pageref}%
1545   \usebibmacro{finentry}}
```

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

```
1546 \DeclareFieldFormat[jurisdiction]{volume}{\RN{#1}}
1547 \DeclareFieldFormat[jurisdiction]{number}{\bibsstring{number}~{#1}}
1548 \DeclareFieldFormat[jurisdiction]{nameaddon}{%
1549   \ifinteger{#1}{\bibcpsstring{section}~\RN{#1}}{#1}}
1550 \DeclareFieldFormat[jurisdiction]{pages}{%
1551   \iffielddundef{bookpagination}{#1}{\mkpageprefix[bookpagination]{#1}}}
1552 \DeclareFieldFormat[jurisdiction]{title}{%
1553   \iffieldequalstr{entrysubtype}{international}{\mkbibemph{#1}}{#1}}
1554 \DeclareFieldFormat[jurisdiction]{notacomm}{nt\adddotspace#1}
```

A new macro to manage authors of @jurisdiction entries.

```
1555 \newbibmacro*{juris:author}{%
```

Use the default name format: “name surname”

```
1556 \DeclareNameAlias{sortname}{default}%
1557   \ifboolexpr{%
1558     test \ifuseauthor
1559     and
1560     not test {\ifnameundef{author}}
1561   }%
1562   {%
1563     \iffieldequalstr{type}{conclusions}{%
1564       \printtext{Conclusioni dell'Avv\adddotspace generale}%
1565       \setunit{\addspace}}{}%
1566   \printnames{author}%
1567     \iffielddundef{authortype}
1568       {}
1569       {\setunit{\addcomma\space}%
1570       \usebibmacro{authorstrg}}
1571   }%
1572 \iffieldequalstr{type}{conclusions}{%
1573   \setunit{\addspace}%
1574   \printtext{presentate il}%
1575   \setunit{\addspace}%
1576 }{%
1577   \setunit{\addcomma\space}%
1578   \iffielddundef{nameaddon}}{}%
```

```

1579 \printtext{\printfield{nameaddon}%
1580 \setunit{\addcomma\space}}}%
1581 }%
1582 \printeventdate}
1583
1584 \newbibmacro*{addendum+pubstate:juris}{%
1585 \printfield{usera}%notacomm
1586 \newunit\newblock
1587 \printfield{addendum}%
1588 \newunit\newblock
1589 \printfield{pubstate}%
1590 \ifdefstring{\bbx@origfields}{none}{}{%
1591 \newunit\newblock
1592 \usebibmacro{origdata:article-inbook}}}%
1593 \newunit\newblock
1594 \usebibmacro{library}}
1595
1596 \DeclareBibliographyDriver{jurisdiction}{%
1597 \usebibmacro{bibindex}%
1598 \usebibmacro{begentry}%
1599 \usebibmacro{juris:author}%
1600 \setunit{\labelnamepunct}\newblock
1601 \usebibmacro{title}%
1602 \newunit\newblock
1603 \usebibmacro{series+number}%
1604 \printlist{language}%
1605 \newunit\newblock
1606 \usebibmacro{byauthor}%
1607 \newunit\newblock
1608 \iffieldundef{booktitle}{}{%
1609 \usebibmacro{in:}%
1610 \usebibmacro{maintitle+booktitle}%
1611 \newunit\newblock
1612 \printdateextra
1613 \usebibmacro{byeditor+others}%
1614 \newunit\newblock
1615 \printfield{edition}%
1616 \newunit
1617% \iffieldundef{maintitle}
1618% {\printfield{volume}%
1619% \printfield{part}}
1620% {}%
1621 \newunit
1622 \printfield{volumes}%
1623 \newunit\newblock
1624 \printfield{note}%
1625 \newunit\newblock
1626 \usebibmacro{publisher+location+date}%
1627 \newunit\newblock
1628 \usebibmacro{chapter+pages}%
1629 \newunit\newblock

```

```

1630 \iftoggle{bbx:isbn}
1631   {\printfield{isbn}}
1632   {}%
1633 \newunit\newblock}
1634 \usebibmacro{doi+eprint+url}%
1635 \newunit\newblock
1636 \usebibmacro{addendum+pubstate:juris}%
1637 \newblock
1638 \usebibmacro{phil:related}%
1639 \newunit\newblock
1640 \usebibmacro{pageref}%
1641 \usebibmacro{finentry}}

```

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

```

1642 \DeclareStyleSourceMap{
1643 \maps[datatype=bibtex]{
1644   \map{
1645     \step[fieldsource=court      , fieldtarget=author]
1646     \step[fieldsource=notacomm  , fieldtarget=usera]
1647     \step[fieldsource=section   , fieldtarget=nameaddon]
1648     \step[fieldsource=transdate , fieldtarget=origdate]
1649     \step[fieldsource=transtitle, fieldtarget=origtitle]
1650     \step[fieldsource=tranpublisher, fieldtarget=origpublisher]
1651     \step[fieldsource=translocation, fieldtarget=origlocation]
1652     \step[fieldsource=transbooktitle, fieldtarget=usera]
1653     \step[fieldsource=transnote  , fieldtarget=userb]
1654     \step[fieldsource=transpages , fieldtarget=userc]
1655     \step[fieldsource=origbooktitle , fieldtarget=usera]
1656     \step[fieldsource=orignote    , fieldtarget=userb]
1657     \step[fieldsource=origpages   , fieldtarget=userc]
1658   }
1659 }
1660 }
1661 \DeclareDataInheritance{*}{*}{\noinherit{annotation}}
1662
1663 \DeclareFieldAlias[jurisdiction]{usera}[jurisdiction]{notacomm}
1664 \DeclareFieldAlias[jurisdiction]{nameaddon}[jurisdiction]{section}
1665 \DeclareFieldAlias[jurisdiction]{author}[jurisdiction]{court}

```

10.2 philosophy-verbose.bbx

10.2.1 Initial settings

```

1666 \RequireBibliographyStyle{authortitle}
1667 \RequireBibliographyStyle{philosophy-standard}

```

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

```

1668 \AtBeginShorthands{%
1669 \DeclareCiteCommand{\bbx@crossref@inbook}%
1670   {}%

```

```

1671 {\iffieldundef{shorthand}%
1672   {\usebibmacro{inbook:full}}%
1673   {\usebibmacro{cite:shorthand}}}%
1674 {}%
1675 {}%
1676 \DeclareCiteCommand{\bbx@crossref@incollection}%
1677   {}%
1678   {\iffieldundef{shorthand}%
1679     {\usebibmacro{incollection:full}}%
1680     {\usebibmacro{cite:shorthand}}}%
1681   {}%
1682   {}%
1683 }

```

10.2.2 Authors and editors

```

1684 \renewbibmacro*{author}{%
1685   \ifboolexpr{%
1686     test \ifuseauthor
1687     and
1688     not test {\ifnameundef{author}}
1689   }%
1690   {\usebibmacro{bbx:dashcheck}%
1691     {\bibnamedash}%
1692     {\printnames{author}}%
1693     \iffieldundef{nameaddon}{}%
1694     {\setunit{\addspace}%
1695       \printfield{nameaddon}}%MOD
1696     \setunit{\printdelim{editorstrgdelim}}%
1697     \usebibmacro{bbx:savehash}}%
1698     \usebibmacro{authorstrg}}%
1699   {\global\undef\bbx@lasthash}}%
1700
1701 \renewbibmacro*{bbx:editor}[1]{%
1702   \ifboolexpr{%
1703     test \ifuseeditor
1704     and
1705     not test {\ifnameundef{editor}}
1706   }%
1707   {\usebibmacro{bbx:dashcheck}%
1708     {\bibnamedash}%
1709     {\printnames{editor}}%
1710   \setunit{\printdelim{editorstrgdelim}}%MOD
1711     \usebibmacro{bbx:savehash}}%
1712     \usebibmacro{#1}%
1713     \clearname{editor}}%
1714   {\global\undef\bbx@lasthash}}%
1715
1716 \renewbibmacro*{bbx:translator}[1]{%
1717   \ifboolexpr{%
1718     test \ifusetranslator
1719     and

```

```

1720     not test {\ifnameundef{translator}}
1721 }%
1722     {\usebibmacro{bbx:dashcheck}%
1723      {\bibnamedash}%
1724      {\printnames{translator}%
1725 \setunit{\printdelim{editorstrgdelim}}}%MOD
1726      \usebibmacro{bbx:savehash}}%
1727      \usebibmacro{#1}%
1728      \clearname{translator}}%
1729      {\global\undef\bbx@lasthash}}%
1730
1731 \newbibmacro*{nodash:author}{%
1732   \ifboolexpr{%
1733     test \ifuseauthor
1734     and
1735     not test {\ifnameundef{author}}
1736   }%
1737   {\printnames{author}%
1738    \iffieldundef{nameaddon}{}%
1739    {\setunit{\addspace}%
1740     \printfield{nameaddon}}%
1741 \setunit{\addcomma\space}%
1742     \usebibmacro{authorstrg}}%
1743     {\global\undef\bbx@lasthash}}
1744
1745 \newbibmacro*{nodash:editor+others}{%
1746   \usebibmacro{nodash:bbx:editor}{editor+othersstrg}}%
1747 \newbibmacro*{nodash:bbx:editor}[1]{%
1748   \ifboolexpr{%
1749     test \ifuseeditor
1750     and
1751     not test {\ifnameundef{editor}}
1752   }%
1753   {\printnames{editor}%
1754 \setunit{\addspace}%
1755     \usebibmacro{#1}%
1756     \clearname{editor}}%
1757     {\global\undef\bbx@lasthash}}
1758
1759 \newbibmacro*{nodash:author/editor+others/translator+others}{%
1760   \ifboolexpr{
1761     test \ifuseauthor
1762     and
1763     not test {\ifnameundef{author}}
1764   }
1765   {\usebibmacro{nodash:author}}
1766   {\ifboolexpr{
1767     test \ifuseeditor
1768     and
1769     not test {\ifnameundef{editor}}
1770   }

```

```

1771      {\usebibmacro{nodash:editor+others}}
1772      {\usebibmacro{translator+others}}}}
1773
1774 \renewbibmacro*{relateddate}{%
1775   \setunit*{\addspace}%
1776   \printdate\ifdefstring{\bbx@editionformat}{superscript}%
1777   {\printfield{edition}}{}}
1778 \renewbibmacro*{commarelateddate}{%
1779   \setunit*{\addcomma\space}%
1780   \printdate\ifdefstring{\bbx@editionformat}{superscript}%
1781   {\printfield{edition}}{}}

```

10.2.3 Cross references

```

1782 \DeclareCiteCommand{\bbx@crossref@inbook}%
1783 {}%
1784 {\ifciteseen{%
1785   \ifthenelse{\value{listtotal}=2}%
1786   {\printrnames[][-\value{maxnamesincross}]{labelname}}%
1787   {\printrnames[][-\value{minnamesincross}]{labelname}}%
1788   \setunit*{\addcomma\space}\printtext{%
1789     \printfield[citetitle]{labeltitle}%
1790     \iftoggle{cbx:commacit}{\setunit{\addcomma\space}}%
1791     {\setunit{\addspace\midsentence}}}%
1792   \bibstring{opcit}}}%
1793 {\DeclareNameAlias{sortname}{default}%
1794   \usebibmacro{usedriver:book}}}%
1795 {}%
1796 {}%
1797 \DeclareCiteCommand{\bbx@crossref@incollection}%
1798 {}%
1799 {\ifciteseen{%
1800   \ifthenelse{\value{listtotal}=2}%
1801   {\printrnames[][-\value{maxnamesincross}]{labelname}}%
1802   {\printrnames[][-\value{minnamesincross}]{labelname}}%
1803   \setunit*{\addspace}%
1804   \usebibmacro{editorstrg}%
1805   \setunit*{\addcomma\space}%
1806   \printtext{%
1807     \printfield[citetitle]{labeltitle}%
1808     \iftoggle{cbx:commacit}{\setunit{\addcomma\space}}%
1809     {\setunit{\addspace\midsentence}}}%
1810   \bibstring{opcit}}}%
1811 {\DeclareNameAlias{sortname}{default}%
1812   \usebibmacro{usedriver:collection}}}%
1813 {}%
1814 {}%

```

10.2.4 Bibliography drivers

```

1815 \DeclareBibliographyDriver{book}{%
1816   \usebibmacro{bibindex}%

```

```

1817 \usebibmacro{begentry}%
1818 \usebibmacro{author+others/translator+others}%
1819 \setunit{\labelnamepunct}\newblock
1820 \usebibmacro{maintitle+title}%
1821 \newunit
1822 \printlist{language}%
1823 \newunit\newblock
1824 \usebibmacro{byauthor}%
1825 \newunit\newblock
1826 \usebibmacro{byeditor+others}%
1827 \newunit\newblock
1828 \ifdefstring{\bbx@editionformat}{superscript}{}%
1829 {\printfield{edition}%
1830 \newunit}%
1831 \printfield{volumes}%
1832 \newunit\newblock
1833 \usebibmacro{series+number}%
1834 \newunit\newblock
1835 \printfield{note}%
1836 \newunit\newblock
1837 \usebibmacro{publisher+location+date}%
1838 \newunit
1839 \iffieldundef{maintitle}
1840   {\printfield{volume}%
1841     \printfield{part}}
1842   {}%
1843 \newunit\newblock
1844 \usebibmacro{chapter+pages}%
1845 \newunit
1846 \printfield{pagetotal}%
1847 \newunit\newblock
1848 \iftoggle{bbx:isbn}
1849   {\printfield{isbn}}
1850   {}%
1851 \newunit\newblock
1852 \usebibmacro{doi+eprint+url}%
1853 \newunit\newblock
1854 \usebibmacro{addendum+pubstate}%
1855 \newblock
1856 \usebibmacro{phil:related}%
1857 \newunit\newblock
1858 \usebibmacro{pageref}%
1859 \usebibmacro{finentry}}
1860
1861 \DeclareBibliographyDriver{collection}{%
1862   \usebibmacro{bibindex}%
1863   \usebibmacro{begentry}%
1864   \usebibmacro{editor+others}%
1865   \setunit{\labelnamepunct}\newblock
1866   \usebibmacro{maintitle+title}%
1867   \newunit

```

```

1868 \printlist{language}%
1869 \newunit\newblock
1870 \usebibmacro{byeditor+others}%
1871 \newunit\newblock
1872 \ifdefstring{\bbx@editionformat}{superscript}{}%
1873 {\printfield{edition}%
1874 \newunit}%
1875 \iffieldundef{maintitle}
1876   {\printfield{volume}%
1877   \printfield{part}}
1878   {}%
1879 \newunit
1880 \printfield{volumes}%
1881 \newunit\newblock
1882 \usebibmacro{series+number}%
1883 \newunit\newblock
1884 \printfield{note}%
1885 \newunit\newblock
1886 \usebibmacro{publisher+location+date}%
1887 \newunit\newblock
1888 \usebibmacro{chapter+pages}%
1889 \newunit
1890 \printfield{pagetotal}%
1891 \newunit\newblock
1892 \iftoggle{bbx:isbn}
1893   {\printfield{isbn}}
1894   {}%
1895 \newunit\newblock
1896 \usebibmacro{doi+eprint+url}%
1897 \newunit\newblock
1898 \usebibmacro{addendum+pubstate}%
1899 \newblock
1900 \usebibmacro{phil:related}%
1901 \newunit\newblock
1902 \usebibmacro{pageref}%
1903 \usebibmacro{finentry}}
1904
1905 \renewbibmacro*{inbook:full}{%
1906   \usebibmacro{bybookauthor}%
1907   \newunit\newblock
1908   \usebibmacro{maintitle+booktitle}%
1909   \newunit\newblock
1910   \usebibmacro{byeditor+others}%
1911   \newunit\newblock
1912   \ifdefstring{\bbx@editionformat}{superscript}{}%
1913   {\printfield{edition}%
1914   \newunit}%
1915   \printfield{volumes}%
1916   \newunit\newblock
1917   \usebibmacro{series+number}%
1918   \newunit\newblock

```

```

1919 \printfield{note}%
1920 \newunit\newblock
1921 \usebibmacro{publisher+location+date}%
1922 \newunit
1923 \iffieldundef{maintitle}
1924   {\printfield{volume}%
1925     \printfield{part}}
1926   {}%
1927 \newunit\newblock
1928 \usebibmacro{chapter+pages}%
1929 \newunit\newblock
1930 \iftoggle{bbx:isbn}
1931   {\printfield{isbn}}
1932   {}%
1933 \newunit\newblock
1934 \usebibmacro{doi+eprint+url}%
1935 \newunit\newblock
1936 \usebibmacro{addendum+pubstate:article-inbook-incoll}%
1937 \newblock
1938 \usebibmacro{phil:related}%
1939 \newunit\newblock
1940 \usebibmacro{pageref}%
1941 \usebibmacro{finentry}}
1942
1943 \renewbibmacro*{incollection:full}{%
1944 \usebibmacro{maintitle+booktitle}%
1945 \newunit\newblock
1946 \usebibmacro{byeditor+others}%
1947 \newunit\newblock
1948 \ifdefstring{\bbx@editionformat}{superscript}{}%
1949 {\printfield{edition}%
1950 \newunit}%
1951 \printfield{volumes}%
1952 \newunit\newblock
1953 \usebibmacro{series+number}%
1954 \newunit\newblock
1955 \printfield{note}%
1956 \newunit\newblock
1957 \usebibmacro{publisher+location+date}%
1958 \newunit
1959 \iffieldundef{maintitle}
1960   {\printfield{volume}%
1961     \printfield{part}}
1962   {}%
1963 \newunit\newblock
1964 \usebibmacro{chapter+pages}%
1965 \newunit\newblock
1966 \iftoggle{bbx:isbn}
1967   {\printfield{isbn}}
1968   {}%
1969 \newunit\newblock

```

1970 \usebibmacro{doi+eprint+url}%
 1971 \newunit\newblock
 1972 \usebibmacro{addendum+pubstate:article-inbook-incoll}%
 1973 \newblock
 1974 \usebibmacro{phil:related}%
 1975 \newunit\newblock
 1976 \usebibmacro{pageref}%
 1977 \usebibmacro{finentry}}
 1978
 1979 \DeclareBibliographyDriver{manual}{%
 1980 \usebibmacro{bibindex}%
 1981 \usebibmacro{begentry}%
 1982 \usebibmacro{author/editor}%
 1983 \setunit{\labelnamepunct}\newblock
 1984 \usebibmacro{title}%
 1985 \newunit
 1986 \printlist{language}%
 1987 \newunit\newblock
 1988 \usebibmacro{byauthor}%
 1989 \newunit\newblock
 1990 \usebibmacro{byeditor}%
 1991 \newunit\newblock
 1992 \ifdefstring{\bbx@editionformat}{superscript}{}%
 1993 {\printfield{edition}}%
 1994 \newunit\newblock}%
 1995 \usebibmacro{series+number}%
 1996 \newunit\newblock
 1997 \printfield{type}%
 1998 \newunit
 1999 \printfield{version}%
 2000 \newunit
 2001 \printfield{note}%
 2002 \newunit\newblock
 2003 \printlist{organization}%
 2004 \newunit
 2005 \usebibmacro{publisher+location+date}%
 2006 \newunit\newblock
 2007 \usebibmacro{chapter+pages}%
 2008 \newunit
 2009 \printfield{pagetotal}%
 2010 \newunit\newblock
 2011 \iftoggle{bbx:isbn}
 2012 {\printfield{isbn}}
 2013 {}}%
 2014 \newunit\newblock
 2015 \usebibmacro{doi+eprint+url}%
 2016 \newunit\newblock
 2017 \usebibmacro{addendum+pubstate}%
 2018 \newblock
 2019 \usebibmacro{phil:related}%
 2020 \newunit\newblock

```

2021 \usebibmacro{pageref}%
2022 \usebibmacro{finentry}}
2023
2024 \newbibmacro*{usedriver:book}{%
2025   \usebibmacro{bibindex}%
2026   \usebibmacro{begentry}%
2027   \usebibmacro{nodash:author/editor+others/translator+others}%
2028   \setunit{\labelnamepunct}\newblock
2029   \usebibmacro{maintitle+title}%
2030   \newunit
2031   \printlist{language}%
2032   \newunit\newblock
2033   \usebibmacro{byauthor}%
2034   \newunit\newblock
2035   \usebibmacro{byeditor+others}%
2036   \newunit\newblock
2037   \ifdefstring{\bbx@editionformat}{superscript}{}%
2038   {\printfield{edition}}%
2039   \newunit}%
2040   \printfield{volumes}%
2041   \newunit\newblock
2042   \usebibmacro{series+number}%
2043   \newunit\newblock
2044   \printfield{note}%
2045   \newunit\newblock
2046   \usebibmacro{publisher+location+date}%
2047   \newunit
2048   \iffieldundef{maintitle}
2049     {\printfield{volume}}%
2050     \printfield{part}}
2051   {}%
2052   \newunit\newblock
2053   \usebibmacro{chapter+pages}%
2054   \newunit
2055   \printfield{pagetotal}%
2056   \newunit\newblock
2057   \iftoggle{bbx:isbn}
2058     {\printfield{isbn}}
2059     {}%
2060   \newunit\newblock
2061   \usebibmacro{doi+eprint+url}%
2062   \newunit\newblock
2063   \usebibmacro{addendum+pubstate}%
2064   \newblock
2065   \usebibmacro{phil:related}%
2066   \newunit\newblock
2067   \usebibmacro{pageref}%
2068   }
2069 \newbibmacro*{usedriver:collection}{%
2070   \usebibmacro{bibindex}%
2071   \usebibmacro{begentry}%

```

```

2072 \usebibmacro{nodash:editor+others}%
2073 \setunit{\labelnamepunct}\newblock%
2074 \usebibmacro{maintitle+title}%
2075 \newunit
2076 \printlist{language}%
2077 \newunit\newblock
2078 \usebibmacro{byeditor+others}%
2079 \newunit\newblock
2080 \ifdefstring{\bbx@editionformat}{superscript}{}%
2081 {\printfield{edition}%
2082 \newunit}%
2083 \iffieldundef{maintitle}
2084 {\printfield{volume}%
2085 \printfield{part}}
2086 {}%
2087 \newunit
2088 \printfield{volumes}%
2089 \newunit\newblock
2090 \usebibmacro{series+number}%
2091 \newunit\newblock
2092 \printfield{note}%
2093 \newunit\newblock
2094 \usebibmacro{publisher+location+date}%
2095 \newunit\newblock
2096 \usebibmacro{chapter+pages}%
2097 \newunit
2098 \printfield{pagetotal}%
2099 \newunit\newblock
2100 \iftoggle{bbx:isbn}
2101 {\printfield{isbn}}
2102 {}%
2103 \newunit\newblock
2104 \usebibmacro{doi+eprint+url}%
2105 \newunit\newblock
2106 \usebibmacro{addendum+pubstate}%
2107 \newblock
2108 \usebibmacro{phil:related}%
2109 \newunit\newblock
2110 \usebibmacro{pageref}%
2111 }

```

10.3 philosophy-classic.bbx

10.3.1 Initial settings

```

2112 \RequireBibliographyStyle{authoryear-comp}
2113 \RequireBibliographyStyle{philosophy-standard}
2114
2115 \newtoggle{bbx:square}
2116 \newtoggle{bbx:nodate}
2117
2118 \DeclareBibliographyOption{square}[true]{%

```

```

2119 \settoggle{bbx:square}{#1}}
2120 \DeclareBibliographyOption{nodate}[true]{%
2121 \settoggle{bbx:nodate}{#1}}

```

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

```

2122 \blx@kv@defkey{blx@bib1}{nodate}[]{}%
2123 \blx@kv@defkey{blx@bib2}{nodate}[true]{%
2124 \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.

```

2125 \def\bbx@opt@mergedate@maximum{%
2126 \renewbibmacro*{date+extradate}{%
2127 \iffielddundef{labelyear}
2128 {\usebibmacro{bbx:nodate}}
2129 {\postsepyear{%
2130 \iflabeldateisdate
2131 {\printfield{issue}%
2132 \setunit*{\addspace}%
2133 \printdateextra}
2134 {\printlabeldateextra}}}%
2135 \renewbibmacro*{bbx:ifmergeddate}{\iflabeldateisdate}%
2136 \renewbibmacro*{date}{%
2137 \iflabeldateisdate
2138 {}
2139 {\printdate}}%
2140 \renewbibmacro*{issue+date}{%
2141 \usebibmacro{bbx:ifmergeddate}
2142 {}
2143 {\ifdefstring{\bbx@volnumformat}{parens}%
2144 {\printtext{%
2145 \printfield{issue}%
2146 \setunit*{\addspace}%
2147 \printdate}}
2148 {\printtext[pureparens]{%
2149 \printfield{issue}%
2150 \setunit*{\addspace}%
2151 \printdate}}}}%
2152 \def\bbx@opt@mergedate@compact{%
2153 \renewbibmacro*{date+extradate}{%
2154 \iffielddundef{labelyear}
2155 {\usebibmacro{bbx:nodate}}
2156 {\postsepyear{%
2157 \iflabeldateisdate
2158 {\printdateextra}
2159 {\printlabeldateextra}}}%
2160 \renewbibmacro*{bbx:ifmergeddate}{\iflabeldateisdate}%

```

```

2161 \renewbibmacro*{date}{%
2162   \iflabeldateisdate
2163     {}
2164     {\printdate}}%
2165 \renewbibmacro*{issue+date}{%
2166   \ifboolexpr{not test {\iffieldundef{issue}}
2167               or not test {\iflabeldateisdate}}
2168     {\ifdefstring{\bbx@volnumformat}{parens}%
2169      {\printtext{%
2170        \printfield{issue}%
2171        \setunit*{\addspace}%
2172        \usebibmacro{bbx:ifmergeddate}
2173        {}
2174        {\printdate}}}%
2175      }}%
2176     {\printtext[pureparens]{%
2177       \printfield{issue}%
2178       \setunit*{\addspace}%
2179       \usebibmacro{bbx:ifmergeddate}
2180       {}
2181       {\printdate}}}%
2182     }}}
2183   {}%
2184   \newunit}}
2185 \def\bbx@opt@mergeddate@basic{%
2186   \renewbibmacro*{date+extradate}{%
2187     \iffieldundef{labelyear}
2188       {\usebibmacro{bbx:nodate}}
2189       {\postsepyear{\printlabeldateextra}}}%
2190   \renewbibmacro*{bbx:ifmergeddate}{%
2191     \ifboolexpr{
2192       test {\iflabeldateisdate}
2193       and
2194       not test {\ifdateshavedifferentprecision{label}}}}
2195   }%
2196 }%
2197 \renewbibmacro*{date}{%
2198   \ifboolexpr{
2199     test {\iflabeldateisdate}
2200     and
2201     not test {\ifdateshavedifferentprecision{label}}}
2202   }
2203   {}
2204   {\printdate}}%
2205 \renewbibmacro*{issue+date}{%
2206   \ifboolexpr{
2207     test {\usebibmacro{bbx:ifmergeddate}}
2208     and
2209     test {\iffieldundef{issue}}
2210   }
2211   {}

```

```

2212     {\ifdefstring{\bbx@volnumformat}{parens}%
2213     {\printtext{%
2214         \printfield{issue}%
2215         \setunit*{\addspace}%
2216         \printdate}}
2217     {\printtext[parens]{%
2218         \printfield{issue}%
2219         \setunit*{\addspace}%
2220         \printdate}}}%
2221     \newunit}}
2222 \def\bbx@opt@mergedate@minimum{%
2223     \renewbibmacro*{date+extradate}{%
2224         \iffieldundef{labelyear}
2225         {\usebibmacro{bbx:nodate}}
2226         {\postsepyear{\printlabeldateextra}}}%
2227     \renewbibmacro*{bbx:ifmergeddate}{%
2228         \ifboolexpr{
2229             test {\iflabeldateisdate}
2230             and
2231             not test {\ifdateshavedifferentprecision{label}{}}
2232             and
2233             test {\iffieldundef{extradate}}}
2234     }%
2235 }%
2236 \renewbibmacro*{date}{%
2237     \ifboolexpr{
2238         test {\iflabeldateisdate}
2239         and
2240         not test {\ifdateshavedifferentprecision{label}{}}
2241         and
2242         test {\iffieldundef{extradate}}}
2243     }
2244     {}
2245     {\printdate}}%
2246 \renewbibmacro*{issue+date}{%
2247     \ifboolexpr{
2248     test {\usebibmacro{bbx:ifmergeddate}}
2249     and
2250     test {\iffieldundef{issue}}}
2251 }
2252 {}
2253     {\ifdefstring{\bbx@volnumformat}{parens}%
2254     {\printtext{%
2255         \printfield{issue}%
2256         \setunit*{\addspace}%
2257         \printdate}}
2258     {\printtext[pureparens]{%
2259         \printfield{issue}%
2260         \setunit*{\addspace}%
2261         \printdate}}}%
2262     \newunit}}

```

```

2263 \def\bbx@opt@mergedate@false{%
2264   \renewbibmacro*{date+extradate}{%
2265     \iffieldundef{labelyear}
2266       {\usebibmacro{bbx:nodate}}
2267       {\postsepyear{\printlabeldateextra}}}%
2268   \renewbibmacro*{bbx:ifmergeddate}{\@secondoftwo}%
2269   \renewbibmacro*{date}{\printdate}%
2270   \renewbibmacro*{issue+date}{%
2271     \ifdefstring{\bbx@volnumformat}{parens}%
2272     {\printtext{%
2273       \printfield{issue}%
2274       \setunit*\addspace}%
2275     \usebibmacro{date}}}%
2276   {\printtext[pureparens]{%
2277     \printfield{issue}%
2278     \setunit*\addspace}%
2279     \usebibmacro{date}}}%
2280   \newunit}}

```

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

```

2281 \ExecuteBibliographyOptions{%
2282   nodate      = true,
2283   mergedate   = basic,
2284   uniquename  = false,
2285   pagetracker = true,
2286   singletitle = false,
2287   square      = false,
2288   dashed      = true,
2289 }

```

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

```

2290 \newcommand*\postsepyear[1]{%
2291   \printtext[parens]{#1}}
2292 \newbibmacro*{bbx:nodate}{%
2293   \iftoggle{bbx:nodate}{%
2294     \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 short-hands 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.

```

2295 \AtBeginShorthands{%
2296   \renewcommand{\labelnamepunct}{\addcomma\space}%
2297   \renewbibmacro*{relateddate}{%
2298     \setunit*\addspace}%
2299   \printdate}%
2300 \renewbibmacro*{commarelateddate}{%
2301   \setunit*\addcomma\space}%

```

2302 \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.

```
2303 \savebibmacro{date+extradate}
2304 \renewbibmacro*{date+extradate}{
2305 \DeclareCiteCommand{\bbx@crossref@inbook}
2306 {\renewcommand*{\postsepyear}{\printtext[parens]}}%
2307 \restorebibmacro{date+extradate}}%
2308 {\iffielddundef{shorthand}{%
2309 \usebibmacro{citeindex}%
2310 \ifuseeditor{%
2311 \ifthenelse{\value{listtotal}=2}%
2312 {\printnames[][-\value{maxnamesincross}]{labelname}}%
2313 {\printnames[][-\value{minnamesincross}]{labelname}}}%
2314 {\usebibmacro{labeltitle}}}%
2315 \setunit*{\addspace}%
2316 \usebibmacro{date+extradate}}%
2317 {\usebibmacro{cite:shorthand}}}%
2318 {}%
2319 {}%
2320 \DeclareCiteCommand{\bbx@crossref@incollection}%
2321 {\renewcommand*{\postsepyear}{\printtext[parens]}}%
2322 \restorebibmacro{date+extradate}}%
2323 {\iffielddundef{shorthand}{%
2324 \usebibmacro{citeindex}%
2325 \ifuseeditor{%
2326 \ifthenelse{\value{listtotal}=2}%
2327 {\printnames[][-\value{maxnamesincross}]{labelname}}%
2328 {\printnames[][-\value{minnamesincross}]{labelname}}}%
2329 {\usebibmacro{labeltitle}}}%
2330 \setunit*{\addspace}%
2331 \usebibmacro{date+extradate}}%
2332 {\usebibmacro{cite:shorthand}}}%
2333 {}%
2334 {}%
2335 }%
```

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

```
2336 \AtBeginDocument{%
2337 \ifdefstring{\bbx@editionformat}{superscript}%
2338 {\ClassError{biblatex-philosophy}
2339 {\MessageBreak**** Option 'editionformat=superscript'
2340 available only for philosophy-verbose style}
2341 {\MessageBreak**** Option 'editionformat=superscript'
2342 available only for philosophy-verbose style}}{}}
```

```

2343 \iftoggle{bbx:square}
2344   {\renewcommand{\bibopenparen}{\bibopenbracket}}%
2345   \renewcommand{\bibcloseparen}{\bibclosebracket}}%
2346   {}%
2347 \setcounter{maxnamesincross}{\value{maxnames}}%
2348 \setcounter{minnamesincross}{\value{minnames}}%
2349}%
2350 \AtEveryBibitem{%
2351   \iffieldequalstr{entrysubtype}{classic}{%
2352     \togglefalse{bbx:nodate}}}%
2353}%

```

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

```

2354 \renewbibmacro*{relateddate}{}
2355 \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).

```

2356 \renewbibmacro*{author}{%
2357   \ifboolexpr{
2358     test \ifuseauthor
2359     and
2360     not test {\ifnameundef{author}}
2361   }
2362   {\usebibmacro{bbx:dashcheck}
2363     {\bibnamedash}
2364     {\usebibmacro{bbx:savehash}%
2365       \printnames{author}%
2366       \iffieldundef{nameaddon}{}%
2367       {\setunit{\addspace}%
2368         \printfield{nameaddon}}}%*
2369     \iffieldundef{authortype}
2370       {\setunit{\printdelim{nameyeardelim}}}
2371       {\setunit{\printdelim{editorstrgdelim}}}}}%*
2372   \iffieldundef{authortype}
2373     {}
2374     {\usebibmacro{authorstrg}%
2375       \setunit{\printdelim{nameyeardelim}}}%
2376   {\global\undef\bbx@lasthash
2377     \usebibmacro{labeltitle}%
2378     \setunit*{\printdelim{nonameyeardelim}}}%
2379   \usebibmacro{date+extradate}}
2380
2381 \renewbibmacro*{bbx:editor}[1]{%
2382   \ifboolexpr{

```

```

2383   test \ifuseeditor
2384   and
2385   not test {\ifnameundef{editor}}
2386 }
2387 {\usebibmacro{bbx:dashcheck}
2388   {\bibnamedash}
2389   {\printnames{editor}%
2390     \setunit{\printdelim{editorstrgdelim}}}%MOD
2391     \usebibmacro{bbx:savehash}}%
2392   \usebibmacro{#1}%
2393   \clearname{editor}%
2394   \setunit{\printdelim{nameyeardelim}}}%
2395 {\global\undef\bbx@lasthash
2396   \usebibmacro{labeltitle}%
2397   \setunit*\printdelim{nonameyeardelim}}}%
2398 \usebibmacro{date+extradate}}
2399
2400 \renewbibmacro*{bbx:translator}[1]{%
2401   \ifboolexpr{
2402     test \ifusetranslator
2403     and
2404     not test {\ifnameundef{translator}}
2405   }
2406   {\usebibmacro{bbx:dashcheck}
2407     {\bibnamedash}
2408     {\printnames{translator}%
2409       \setunit{\printdelim{editorstrgdelim}}}%MOD
2410       \usebibmacro{bbx:savehash}}%
2411     \usebibmacro{#1}%MOD
2412     \clearname{translator}%
2413     \setunit{\printdelim{nameyeardelim}}}%
2414   {\global\undef\bbx@lasthash
2415     \usebibmacro{labeltitle}%
2416     \setunit*\printdelim{nonameyeardelim}}}%
2417   \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.

```

2418 \renewbibmacro*{labeltitle}{%
2419   \iffieldundef{label}
2420   {\iffieldundef{shorttitle}
2421     {\printfield{title}%
2422       \clearfield{title}}
2423     {\printfield{title}{shorttitle}}\blx@postpunct}
2424   {\printfield{label}}}

```

10.3.3 Cross references

```

2425 \DeclareCiteCommand{\bbx@crossref@inbook}%

```

```

2426 {}%
2427 {\usebibmacro{citeindex}%
2428 \ifuseeditor{%
2429   \ifthenelse{\value{listtotal}=2}%
2430     {\printnames[][-\value{maxnamesincross}]{labelname}}%
2431     {\printnames[][-\value{minnamesincross}]{labelname}}}%
2432   {\usebibmacro{labeltitle}}}%
2433   \setunit*{\addspace}%
2434   \printtext[bibhyperref]{\usebibmacro{date+extradate}}}%
2435 {}%
2436 {}%
2437 \DeclareCiteCommand{\bbx@crossref@incollection}%
2438 {}%
2439 {\usebibmacro{citeindex}%
2440 \ifuseeditor{%
2441   \ifthenelse{\value{listtotal}=2}%
2442     {\printnames[][-\value{maxnamesincross}]{labelname}}%
2443     {\printnames[][-\value{minnamesincross}]{labelname}}}%
2444   {\usebibmacro{labeltitle}}}%
2445   \setunit*{\addspace}%
2446   \printtext[bibhyperref]{\usebibmacro{date+extradate}}}%
2447 {}%
2448 {}%

```

10.4 philosophy-modern.bbx

10.4.1 Initial settings

```

2449 \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`.

```

2450 \newtoggle{bbx:yearleft}
2451 \DeclareBibliographyOption{yearleft}[true]{%
2452   \settoggle{bbx:yearleft}{#1}}

```

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

```

2453 \blx@kv@defkey{blx@biblist1}{restoreclassic}[]{}
2454 \blx@kv@defkey{blx@biblist2}{restoreclassic}[true]{\blx@kv@setkeys{blx@bib2}{restoreclassic}}
2455 \blx@kv@defkey{blx@bib1}{restoreclassic}[]{}
2456 \blx@kv@defkey{blx@bib2}{restoreclassic}[true]{%
2457   \ifstrequal{#1}{true}{%
2458     \setlength{\bibhang}{\parindent}%
2459     \renewcommand{\labelnamepunct}{\newunitpunct}%
2460     \renewcommand*{\postsepyear}[1]{\printtext[parens]{##1}}%
2461     \renewbibmacro*{author}{%
2462       \ifboolexpr{
2463         test \ifuseauthor
2464         and
2465         not test {\ifnameundef{author}}

```

```

2466 }
2467 {\usebibmacro{bbx:dashcheck}
2468   {\bibnamedash}%
2469   {\usebibmacro{bbx:savehash}%
2470     \printnames{author}%
2471     \iffieldundef{nameaddon}{}%
2472     {\setunit{\addspace}%
2473       \printfield{nameaddon}}}%*
2474     \iffieldundef{authortype}
2475       {\setunit{\printdelim{nameyeardelim}}}%
2476       {\setunit{\printdelim{editorstrgdelim}}}}}%*
2477   \iffieldundef{authortype}
2478     {}%
2479     {\usebibmacro{authorstrg}%
2480       \setunit{\printdelim{nameyeardelim}}}%
2481   {\global\undef\bbx@lasthash
2482     \usebibmacro{labeltitle}%
2483     \setunit*{\printdelim{nonameyeardelim}}}%
2484   \usebibmacro{date+extradate}}%
2485 \renewbibmacro*{bbx:editor}[1]{%
2486   \ifboolexpr{
2487     test \ifuseeditor
2488     and
2489     not test {\ifnameundef{editor}}
2490   }
2491   {\usebibmacro{bbx:dashcheck}
2492     {\bibnamedash}%
2493     {\printnames{editor}%
2494       \setunit{\printdelim{editorstrgdelim}}}%
2495     \usebibmacro{bbx:savehash}}%
2496     \usebibmacro{##1}%
2497     \clearname{editor}%
2498     \setunit{\printdelim{nameyeardelim}}}%
2499   {\global\undef\bbx@lasthash
2500     \usebibmacro{labeltitle}%
2501     \setunit*{\printdelim{nonameyeardelim}}}%
2502   \usebibmacro{date+extradate}}%
2503 \renewbibmacro*{bbx:translator}[1]{%
2504   \ifboolexpr{
2505     test \ifusetranslator
2506     and
2507     not test {\ifnameundef{translator}}
2508   }
2509   {\usebibmacro{bbx:dashcheck}
2510     {\bibnamedash}%
2511     {\printnames{translator}%
2512       \setunit{\printdelim{editorstrgdelim}}}%
2513     \usebibmacro{bbx:savehash}}%
2514     \usebibmacro{##1}%
2515     \clearname{translator}%
2516     \setunit{\printdelim{nameyeardelim}}}%

```

```

2517   {\global\undef\bbx@lasthash
2518     \usebibmacro{labeltitle}%
2519     \setunit*{\printdelim{nonameyeardelim}}}%
2520   \usebibmacro{date+extradate}}%
2521 }{}}%

```

Execute default options.

```

2522 \ExecuteBibliographyOptions{yearleft=false}

```

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

```

2523 \renewcommand{\labelnamepunct}{}

```

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

```

2524 \newlength{\yeartitle}
2525 \newlength{\postnamesep}
2526 \setlength{\yeartitle}{0.8em}
2527 \setlength{\postnamesep}{0.5ex plus 2pt minus 1pt}

```

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

```

2528 \setlength{\bibitemsep}{\postnamesep}
2529 \setlength{\bibnamesep}{1.5ex plus 2pt minus 1pt}
2530 \setlength{\bibhang}{4\parindent}

```

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

```

2531 \AtBeginShorthands{%
2532   \renewcommand{\postsep}{\addspace}%
2533   \renewcommand{\labelnamepunct}{\newunitpunct}}
2534 \AtBeginBibliography{%
2535   \iftoggle{bbx:yearleft}{%
2536     \setlength{\yeartitle}{\filll}}{}}

```

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`.

```

2537 \newcommand{\postsep}{%
2538   \null\par\nobreak\vskip\postnamesep%
2539   \hskip-\bibhang\ignorespaces}
2540 \renewcommand*{\postsepyear}[1]{%
2541   \printtext{\makebox[\bibhang][r]{%
2542     #1\hskip\yeartitle}}\nopunct}
2543 \renewbibmacro*{bbx:nodate}{%
2544   \postsepyear{%
2545     \iftoggle{bbx:nodate}{%
2546       \midsentence\bibstring{nodate}}{}}}

```

10.4.2 Authors and editors

```
2547 \renewbibmacro*{author}{%
2548   \ifboolexpr{
2549     test \ifuseauthor
2550     and
2551     not test {\ifnameundef{author}}
2552   }
2553   {\usebibmacro{bbx:dashcheck}
2554     {}%
2555     {\usebibmacro{bbx:savehash}%
2556       \printnames{author}%
2557       \iffieldundef{nameaddon}{}%
2558       {\setunit{\addspace}%
2559         \printfield{nameaddon}}}%*
2560     \postsep}%
2561   \usebibmacro{date+extradate}%
2562   \iffieldundef{authortype}
2563   {}%
2564   {\usebibmacro{authorstrg}%
2565     \printtext{\addcomma\space}}}%
2566   {\global\undef\bbx@lasthash
2567     \usebibmacro{labeltitle}%
2568     \postsep%
2569     \usebibmacro{date+extradate}%
2570   }%
2571 }
2572
2573 \renewbibmacro*{bbx:editor}[1]{%
2574   \ifboolexpr{%
2575     test \ifuseeditor
2576     and
2577     not test {\ifnameundef{editor}}
2578   }%
2579   {\usebibmacro{bbx:dashcheck}%
2580     {}%
2581     {\printnames{editor}%
2582       \postsep%
2583       \usebibmacro{bbx:savehash}}}%
2584   \usebibmacro{date+extradate}%
2585   \usebibmacro{#1}%
2586   \clearname{editor}%
2587   \printtext{\addcomma\space}%
2588 }%
2589 {\global\undef\bbx@lasthash%
2590   \usebibmacro{labeltitle}%
2591   \postsep%
2592   \usebibmacro{date+extradate}%
2593 }%
2594 }%
2595
2596 \renewbibmacro*{bbx:translator}[1]{%
```

```

2597 \ifboolexpr{%
2598     test \ifusetranslator
2599     and
2600     not test {\ifnameundef{translator}}
2601 }%
2602 {\usebibmacro{bbx:dashcheck}%
2603 }%
2604 {\printnames{translator}%
2605     \postsep%
2606     \usebibmacro{bbx:savehash}}%
2607     \usebibmacro{date+extradate}%
2608     \usebibmacro{#1}%
2609     \clearname{translator}%
2610     \printtext{\addcomma\space}%
2611 }%
2612 {\global\undef\bbx@lasthash%
2613     \usebibmacro{labeltitle}%
2614     \postsep%
2615     \usebibmacro{date+extradate}%
2616 }%
2617 }%

```

10.4.3 Cross references

```

2618 \DeclareCiteCommand{\bbx@crossref@inbook}%
2619 {\renewcommand*{\postsepyear}{\printtext[parens]}}%
2620 {\usebibmacro{citeindex}%
2621 \ifuseeditor{%
2622     \ifthenelse{\value{listtotal}=2}%
2623     {\printnames[][-\value{maxnamesincross}]{labelname}}%
2624     {\printnames[][-\value{minnamesincross}]{labelname}}}%
2625     {\usebibmacro{labeltitle}}%
2626     \setunit*{\addspace}%
2627     \printtext[bibhyperref]{\usebibmacro{date+extradate}}}%
2628 {}%
2629 {}%
2630 \DeclareCiteCommand{\bbx@crossref@incollection}%
2631 {\renewcommand*{\postsepyear}{\printtext[parens]}}%
2632 {\usebibmacro{citeindex}%
2633 \ifuseeditor{%
2634     \ifthenelse{\value{listtotal}=2}%
2635     {\printnames[][-\value{maxnamesincross}]{labelname}}%
2636     {\printnames[][-\value{minnamesincross}]{labelname}}}%
2637     {\usebibmacro{labeltitle}}%
2638     \setunit*{\addspace}%
2639     \printtext[bibhyperref]{\usebibmacro{date+extradate}}}%
2640 {}%
2641 {}%

```

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.

```
2642 \DeclareBibliographyDriver{set}{%
2643   \savefield{annotation}{\@phil@nnote}%
2644   \clearfield{annotation}%
2645   \entryset{\ifnumgreater{\thefield{entrysetcount}}{1}%
2646     {\blx@kv@setkeys{blx@bib2}{restoreclassic}}{}}}%
2647   \newunit\newblock
2648   \restorefield{annotation}{\@phil@nnote}%
2649   \usebibmacro{pageref}%
2650   \usebibmacro{finentry}}
```

10.6 philosophy-verbose.cbx

10.6.1 Initial settings

```
2651 \RequireCitationStyle{verbose-trad2}
2652
2653 \newtoggle{cbx:commacit}
2654
2655 \DeclareBibliographyOption{commacit}[true]{%
2656   \settoggle{cbx:commacit}{#1}}
2657
2658 \ExecuteBibliographyOptions{%
2659   idemtracker=false,
2660   loccittracker=strict,
2661   commacit=false}
```

The annotation field is omitted in every citation:

```
2662 \AtEveryCite{\togglefalse{bbx:annotation}}
```

10.6.2 New macros

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

```
2663 \newbibmacro*{cite:opcit}{%
2664   \printtext[bibhyperlink]{\bibstring[\mkibid]{opcited}}}
2665
2666 \newbibmacro*{cite:loccit}{%
2667   \printtext{%
2668     \bibhyperlink{cite\csuse{cbx@lastcite@thefield{entrykey}}}%
2669     \bibstring[\mkibid]{loccit}}}%
2670   \global\toggletrue{cbx:loccit}}
```

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

```
2671 \renewbibmacro*{cite:ibid}{%
```

```

2672 \ifloccit
2673 {\usebibmacro{cite:loccit}}{%
2674   \printtext{%
2675     \bibhyperlink{cite\csuse{cbx@lastcite@\thefield{entrykey}}}{%
2676       \bibstring[\mkivi]{ibidem}}}}}%
2677
2678 \renewbibmacro*{cite:title}{%
2679   \ifsingletitle{\usebibmacro{cite:opcit}}{%
2680     \printtext[bibhyperlink]{%
2681       \printfield[citetitle]{labeltitle}%
2682       \iftoggle{cbx:commacit}{\setunit{\addcomma\space}}%
2683       {\setunit{\addspace\midsentence}}}%
2684   \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.

```

2685 \newbibmacro{cite:full:noshorthand}{%
2686   \usebibmacro{cite:full:citepages}%
2687   \global\toggletrue{cbx:fullcite}%
2688   \printtext[bibhypertarget]{%
2689     \usedriver
2690     {\iftoggle{cbx:scauthorscite}{%
2691       \DeclareNameAlias{sortname}{scdefault}}%
2692     {\DeclareNameAlias{sortname}{default}}}%
2693   {\thefield{entrytype}}}}
2694
2695 \renewbibmacro*{cite:full}{%
2696   \iffieldundef{shorthand}
2697   {\usebibmacro{cite:full:noshorthand}}
2698   {\iftoggle{cbx:shorthandintro}
2699     {\usebibmacro{cite:full:noshorthand}%
2700     \usebibmacro{shorthandintro}}%
2701   {\usebibmacro{cite:shorthand}}}}
2702
2703 \renewbibmacro*{cite:idem}{%
2704   \iftoggle{cbx:scauthorscite}{%
2705     \bibstring[\mkbibsc]{idem\thefield{gender}}}%
2706   \bibstring[\mkibid]{idem\thefield{gender}}}%
2707   \setunit{\nametitledelim}}

```

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

```

2708 \newbibmacro*{ccite:cite}{%
2709 % \usebibmacro{related:clearauthors}%
2710 \usebibmacro{cite:citepages}%
2711 \global\togglefalse{cbx:fullcite}%
2712 \global\togglefalse{cbx:loccit}%

```

```

2713 \bibhypertarget{cite\the\value{instcount}}{%
2714   \ifciteseen
2715     {\iffielddundef{shorthand}
2716       {\usebibmacro{cite:title}%
2717         \usebibmacro{cite:save}}}
2718     {\usebibmacro{cite:shorthand}}}
2719   {\usebibmacro{cite:full}%
2720     \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.

```

2721 \DeclareCiteCommand{\fullcite}
2722   {\usebibmacro{prenote}}
2723   {\usedriver
2724     {\iftoggle{cbx:scauthorscite}%
2725       {\DeclareNameAlias{sortname}{scdefault}}%
2726       {\DeclareNameAlias{sortname}{default}}}%
2727   {\thefield{entrytype}}}
2728   {\multicitedelim}
2729   {\usebibmacro{postnote}}

```

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

```

2730 \DeclareCiteCommand{\ccite}
2731   {\usebibmacro{prenote}}%
2732   {\usebibmacro{citeindex}%
2733     \usebibmacro{ccite:cite}}
2734   {\multicitedelim}
2735   {\usebibmacro{cite:postnote}}

```

10.7 philosophy-classic.cbx

10.7.1 Initial settings

```

2736 \RequireCitationStyle{authoryear-comp}
2737
2738 \ExecuteBibliographyOptions{citetracker}
2739
2740 \newcommand{\switchATAY}[2]{%
2741   \iffieldequalstr{entrysubtype}{classic}%
2742     {\usebibmacro{#1}}%
2743     {\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).

```
2744 \newbibmacro*{cbx:testshorthand}[1]{%
2745 \ifbool{expr}{
2746   not test {\iftoggle{cbx:shorthandintro}}
2747   or
2748   test \ifciteseen}
2749   {\usebibmacro{cite:shorthand}}{\usebibmacro{#1}}%
2750   \usebibmacro{shorthandintro}}}
```

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

```
2751 \newbibmacro*{cite:init:AT}{%
2752   \ifnumless{\value{multicitecount}}{2}
2753     {\global\boolfalse{cbx:parens}%
2754     \global\undef\cbx@lasthash}%
2755     {\iffieldundef{prenote}%
2756     {}%
2757     {\global\undef\cbx@lasthash}}}
2758
2759 \newbibmacro*{cite:reinit:AT}{%
2760   \global\undef\cbx@lasthash}
2761
2762 \newbibmacro*{cite:AT:noshorthand}{%
2763   \iffieldequals{namehash}{\cbx@lasthash}
2764     {\setunit{\comp{citedelim}}}
2765     {\ifnameundef{labelname}
2766     {}%
2767     {\printnames{labelname}%
2768     \setunit{\printdelim{nametitledelim}}}%
2769     \savefield{namehash}{\cbx@lasthash}}%
2770   \usebibmacro{cite:title:AT}}
2771
2772 \newbibmacro*{cite:AT}{%
2773   \iffieldundef{shorthand}
2774     {\usebibmacro{cite:AT:noshorthand}}
2775     {\usebibmacro{cbx:testshorthand}{cite:AT:noshorthand}%
2776     \usebibmacro{cite:reinit:AT}}%
2777   \setunit{\multicitedelim}}
2778
2779 \newbibmacro*{citetitle:AT}{%
2780   \iffieldundef{shorthand}
2781     {\usebibmacro{cite:title:AT}}%
2782     {\usebibmacro{cbx:testshorthand}{cite:title:AT}}%
2783   \setunit{\multicitedelim}}
2784
2785 \newbibmacro*{textcite:AT}{%
2786   \iffieldequals{namehash}{\cbx@lasthash}
2787     {\setunit{\comp{citedelim}}}
2788     {\ifnameundef{labelname}
```

```

2789     {}%
2790     {\printnames{labelname}%
2791     \setunit{%
2792     \global\booltrue{cbx:parens}%
2793     \printdelim{nametitledelim}\bibopenparen}}%
2794     \stepcounter{textcitecount}%
2795     \savefield{namehash}{\cbx@lasthash}}%
2796 \ifnumequal{\value{citecount}}{1}
2797   {\usebibmacro{prenote}}
2798   {}%
2799 \iffieldundef{shorthand}
2800   {\usebibmacro{cite:title:AT}}%
2801   {\usebibmacro{cbx:testshorthand}{cite:title:AT}}%
2802 \setunit{%
2803   \ifbool{cbx:parens}
2804     {\bibcloseparen\global\boolfalse{cbx:parens}}
2805     {}%
2806   \textcitedelim}}
2807
2808 \newbibmacro*{cite:title:AT}{%
2809   \printtext[bibhyperref]{\printfield[citetitle]{labeltitle}}}
2810
2811 \newbibmacro*{textcite:postnote:AT}{%
2812   \ifnameundef{labelname}
2813     {\setunit{%
2814       \global\booltrue{cbx:parens}%
2815       \extpostnotedelim\bibopenparen}}
2816     {\setunit{\postnotedelim}}%
2817   \printfield{postnote}%
2818   \ifthenelse{\value{multicitecount}=\value{multicitetotal}}
2819     {\setunit{}}%
2820     \printtext{%
2821       \ifbool{cbx:parens}
2822         {\bibcloseparen\global\boolfalse{cbx:parens}}
2823         {}}}
2824   {\setunit{%
2825     \ifbool{cbx:parens}
2826       {\bibcloseparen\global\boolfalse{cbx:parens}}
2827       {}%
2828     \textcitedelim}}}

```

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

```

2829 \newbibmacro*{cite:init:AY}{%
2830   \ifnumless{\value{multicitecount}}{2}
2831     {\global\boolfalse{cbx:parens}%
2832     \global\undef\cbx@lasthash
2833     \global\undef\cbx@lastyear}
2834   {\iffieldundef{prenote}
2835     {}

```

```

2836     {\global\undef\cbx@lasthash
2837     \global\undef\cbx@lastyear}}
2838
2839 \newbibmacro*{cite:reinit:AY}{%
2840   \global\undef\cbx@lasthash
2841   \global\undef\cbx@lastyear}
2842
2843 \newbibmacro*{cite:AY:noshorthand}{%
2844   \ifthenelse{\ifnameundef{labelname}\OR\iffielddundef{labelyear}}
2845     {\usebibmacro{cite:label}%
2846       \setunit{\printdelim{nonameyeardelim}}%
2847       \usebibmacro{cite:labeldate+extradate}%
2848       \usebibmacro{cite:reinit}}
2849     {\iffieldequals{namehash}{\cbx@lasthash}
2850       {\ifthenelse{\iffieldequals{labelyear}{\cbx@lastyear}\AND
2851         \(\value{multicitecount}=0\OR\iffielddundef{postnote}\)}
2852         {\setunit{\addcomma}%
2853           \usebibmacro{cite:extradate}}
2854         {\setunit{\compcitedelim}%
2855           \usebibmacro{cite:labeldate+extradate}%
2856           \savefield{labelyear}{\cbx@lastyear}}}
2857       {\printnames{labelname}%
2858         \setunit{\printdelim{nameyeardelim}}%
2859         \usebibmacro{cite:labeldate+extradate}%
2860         \savefield{namehash}{\cbx@lasthash}%
2861         \savefield{labelyear}{\cbx@lastyear}}}}
2862
2863 \newbibmacro*{cite:AY}{%
2864   \iffielddundef{shorthand}
2865     {\usebibmacro{cite:AY:noshorthand}}%
2866     {\usebibmacro{cbx:testshorthand}{cite:AY:noshorthand}%
2867       \usebibmacro{cite:reinit}}%
2868   \setunit{\multicitedelim}}
2869
2870 \newbibmacro*{textcite:AY:noshorthand:A}{%
2871   \ifthenelse{\iffieldequals{labelyear}{\cbx@lastyear}\AND
2872     \(\value{multicitecount}=0\OR\iffielddundef{postnote}\)}
2873     {\setunit{\addcomma}%
2874       \usebibmacro{cite:extradate}}
2875     {\setunit{\compcitedelim}%
2876       \usebibmacro{cite:labeldate+extradate}%
2877       \savefield{labelyear}{\cbx@lastyear}}
2878
2879 \newbibmacro*{textcite:AY:noshorthand:B}{%
2880   \usebibmacro{cite:label}%
2881     \setunit{%
2882       \global\booltrue{cbx:parens}%
2883       \printdelim{nonameyeardelim}\bibopenparen}%
2884     \ifnumequal{\value{citecount}}{1}
2885       {\usebibmacro{prenote}}
2886       {}%

```

```

2887         \usebibmacro{cite:labeldate+extradate}}
2888
2889 \newbibmacro*{textcite:AY:noshorthand:C}{%
2890 \iffielddundef{labelyear}
2891         {\usebibmacro{cite:label}}
2892         {\usebibmacro{cite:labeldate+extradate}}}%
2893         \savefield{labelyear}{\cbx@lastyear}}
2894
2895 \newbibmacro*{textcite:AY}{%
2896 \iffieldequals{namehash}{\cbx@lasthash}
2897     {\iffielddundef{shorthand}
2898         {\usebibmacro{textcite:AY:noshorthand:A}}
2899         {\setunit{\comp citedelim}%
2900 \usebibmacro{cbx:testshorthand}{textcite:AY:noshorthand:A}%
2901         \global\undef\cbx@lastyear}}
2902     {\ifnameundef{labelname}%
2903         {\iffielddundef{shorthand}
2904             {\usebibmacro{textcite:AY:noshorthand:B}}
2905             {\usebibmacro{cbx:testshorthand}{textcite:AY:noshorthand:B}}}
2906         {\printnames{labelname}%
2907             \setunit{%
2908                 \global\booltrue{cbx:parens}%
2909                 \printdelim{nameyeardelim}\bibopenparen}%
2910                 \ifnumequal{\value{citecount}}{1}
2911                     {\usebibmacro{prenote}}
2912                     {}}%
2913             \iffielddundef{shorthand}
2914                 {\usebibmacro{textcite:AY:noshorthand:C}}}%
2915                 {\usebibmacro{cbx:testshorthand}{textcite:AY:noshorthand:C}%
2916                 \global\undef\cbx@lastyear}}}%
2917     \stepcounter{textcitecount}%
2918     \savefield{namehash}{\cbx@lasthash}}}%
2919 \setunit{%
2920     \ifbool{cbx:parens}
2921         {\bibcloseparen\global\boolfalse{cbx:parens}}
2922         {}}%
2923 \textcitedelim}}
2924
2925 \newbibmacro*{textcite:postnote:AY}{%
2926 \usebibmacro{postnote}%
2927 \ifthenelse{\value{multicitecount}=\value{multicitetotal}}
2928     {\setunit{}}%
2929     \printtext{%
2930         \ifbool{cbx:parens}
2931         {\bibcloseparen\global\boolfalse{cbx:parens}}
2932         {}}}
2933     {\setunit{%
2934         \ifbool{cbx:parens}
2935         {\bibcloseparen\global\boolfalse{cbx:parens}}
2936         {}}%
2937     \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 `author-title-comp` style.

```

2938 \renewbibmacro*{cite:init}{%
2939   \switchATAY{cite:init:AT}{cite:init:AY}}
2940 \renewbibmacro*{cite:reinit}{%
2941   \switchATAY{cite:reinit:AT}{cite:reinit:AY}}
2942 \renewbibmacro*{cite}{%
2943   \switchATAY{cite:AT}{cite:AY}}
2944 \renewbibmacro*{textcite}{%
2945   \switchATAY{textcite:AT}{textcite:AY}}
2946 \renewbibmacro*{textcite:postnote}{%
2947   \switchATAY{textcite:postnote:AT}{textcite:postnote:AY}}

```

10.7.3 Citation commands

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

```

2948 \DeclareCiteCommand*\cite{
2949   {\usebibmacro{cite:init}%
2950     \usebibmacro{prenote}}
2951   {\usebibmacro{citeindex}%
2952     \switchATAY{citetitle:AT}{citeyear}}%
2953   {}
2954   {\usebibmacro{postnote}}
2955
2956 \DeclareCiteCommand*\parencite[\mkbibparens]
2957   {\usebibmacro{cite:init}%
2958     \usebibmacro{prenote}}
2959   {\usebibmacro{citeindex}%
2960     \switchATAY{citetitle:AT}{citeyear}}
2961   {}
2962   {\usebibmacro{postnote}}

```

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

```

2963 \DeclareCiteCommand*\citetitle{
2964   {\boolfalse{citetracker}%
2965     \boolfalse{pagetracker}%
2966     \usebibmacro{prenote}}
2967   {\ifciteindex
2968     {\indexfield{indextitle}}
2969     {}}%
2970   \printtext[bibhyperref]{\printfield[citetitle]{labeltitle}}}
2971   {\multicitedelim}
2972   {\usebibmacro{postnote}}
2973
2974 \DeclareCiteCommand*\citetitle{
2975   {\boolfalse{citetracker}%

```

```

2976 \boolfalse{pagetracker}%
2977 \usebibmacro{prenote}}
2978 {\ifciteindex
2979   {\indexfield{indextitle}}
2980   {}}%
2981 \printtext[bibhyperref]{\printfield[citetitle]{title}}
2982 {\multicitedelim}
2983 {\usebibmacro{postnote}}
2984
2985 \DeclareCiteCommand{\citeyear}
2986   {\boolfalse{citetracker}%
2987    \boolfalse{pagetracker}%
2988    \usebibmacro{prenote}}
2989   {\printtext[bibhyperref]{\printfield{year}}}
2990   {\multicitedelim}
2991   {\usebibmacro{postnote}}
2992
2993 \DeclareCiteCommand*{\citeyear}
2994   {\boolfalse{citetracker}%
2995    \boolfalse{pagetracker}%
2996    \usebibmacro{prenote}}
2997   {\printtext[bibhyperref]{\printdateextra}}
2998   {\multicitedelim}
2999   {\usebibmacro{postnote}}
3000
3001 \DeclareCiteCommand{\citedate}
3002   {\boolfalse{citetracker}%
3003    \boolfalse{pagetracker}%
3004    \usebibmacro{prenote}}
3005   {\printtext[bibhyperref]{\printdate}}
3006   {\multicitedelim}
3007   {\usebibmacro{postnote}}
3008
3009 \DeclareCiteCommand*{\citedate}
3010   {\boolfalse{citetracker}%
3011    \boolfalse{pagetracker}%
3012    \usebibmacro{prenote}}
3013   {\printtext[bibhyperref]{\printdateextra}}
3014   {\multicitedelim}
3015   {\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.

```

3016 \DeclareCiteCommand{\fullcite}
3017   {\usebibmacro{prenote}}
3018   {\usedriver
3019     {\iftoggle{cbx:scauthorscite}%
3020       {\DeclareNameAlias{sortname}{scdefault}}%
3021       {\DeclareNameAlias{sortname}{default}}}%
3022   {\thefield{entrytype}}}

```

```

3023 {\multicitedelim}
3024 {\usebibmacro{postnote}}

```

This is the only new command provided by the style:

```

3025 \DeclareCiteCommand{\footcitet}[\mkbibfootnote]
3026   {\usebibmacro{cite:init}}
3027   {\usebibmacro{citeindex}%
3028     \usebibmacro{textcite}}
3029   {}%
3030   {\usebibmacro{textcite:postnote}}

```

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

```

3031 \DeclareCiteCommand{\sdcite}
3032   {\boolfalse{citetracker}%
3033     \boolfalse{pagetracker}%
3034     \usebibmacro{prenote}}
3035   {\indexnames{labelname}%
3036     \printtext[bibhyperref]{\printnames{labelname}}}%
3037   \setunit{\addcomma\space}%
3038   \indexfield{indextitle}%
3039   \printtext[bibhyperref]{\printfield[citetitle]{labeltitle}}}
3040   {\multicitedelim}
3041   {\usebibmacro{postnote}}

```

10.8 philosophy-modern.cbx

The modern style uses the classic citation scheme:

```

3042 \RequireCitationStyle{philosophy-classic}

```

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

```

3043 \DeclareCiteCommand{\fullcite}
3044   {\usebibmacro{prenote}}
3045   {\blx@kv@setkeys{blx@bib2}{restoreclassic}%
3046     \usedriver
3047       {\iftoggle{cbx:scauthorscite}%
3048         {\DeclareNameAlias{sortname}{scdefault}}%
3049         {\DeclareNameAlias{sortname}{default}}}%
3050   {\thefield{entrytype}}}
3051   {\multicitedelim}
3052   {\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.

```
3053 \InheritBibliographyExtras{italian}
3054
3055 \DeclareBibliographyExtras{%
```

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

```
3056 \protected\def\bibrangedash{-\penalty\hyphenpenalty}%
3057 \protected\def\bibdaterangesep{\bibrangedash}%
3058 }%
```

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:

```
3059 \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.

```
3060 \DeclareBibliographyStrings{%
3061   inherit          = {italian},
3062   opcited          = {{op\addotsspace cit\addot}{op\addotsspace cit\addot}},
```

Redefined strings:

```
3063   ibidem           = {{ivi}{ivi}},
3064   loccit           = {{ibidem}{ibidem}},
3065   editor           = {{a cura di}{a cura di}},
3066   editors          = {{a cura di}{a cura di}},
3067   backrefpage      = {{citato a pagina}{citato a \bibsstring{page}\addot}},
3068   backrefpages     = {{citato alle pagine}{citato alle \bibsstring{pages}\addot}},
3069   nodate           = {{senza data}{s\addot d\addot}},
3070   volumes          = {{volumi}{\iftoggle{bbx:classical}{voll\addot}{vol\addot}}},
3071   pages            = {{pagine}{\iftoggle{bbx:classical}{pp\addot}{p\addot}}},
3072   columns          = {{colonne}{\iftoggle{bbx:classical}{coll\addot}{col\addot}}},
3073   lines            = {{righe}{\iftoggle{bbx:classical}{rr\addot}{r\addot}}},
3074   verses           = {{versi}{\iftoggle{bbx:classical}{vv\addot}{v\addot}}},
3075   % section        = {{}}{\S},% FIXME: missing
3076   % sections       = {{}}{\S\S},% FIXME: missing
3077   paragraphs       = {{paragrafi}{\iftoggle{bbx:classical}{parr\addot}{par\addot}}},
3078   pagetotals       = {{pagine}{\iftoggle{bbx:classical}{pp\addot}{p\addot}}},
3079   columntotals     = {{colonne}{\iftoggle{bbx:classical}{coll\addot}{col\addot}}},
3080   linetotals       = {{righe}{\iftoggle{bbx:classical}{rr\addot}{r\addot}}},
3081   versetotals      = {{versi}{\iftoggle{bbx:classical}{vv\addot}{v\addot}}},
3082   % sectiontotal   = {{}}{\S},% FIXME: missing
3083   % sectiontotals   = {{}}{\S\S},% FIXME: missing
```

```

3084 paragraphtotals = {{paragrafi}{\iftoggle{bbx:classical}{parr\adddot}{par\adddot}}},
3085 byreviser       = {{revisione di}{rev\adddot\space di}},
3086 translationof   = {{traduzione di}{trad\adddot\space di}},
3087 translationas   = {{traduzione italiana}{trad\adddot\space it\adddot}},
3088 reviewof        = {{recensione di}{rec\adddot\space di}},
3089 origpubas       = {{ed\adddot\space orig\adddot}{ed\adddot\space orig\adddot}},
3090 astitle         = {{come}{come}},
3091 bypublisher     = {{\addcomma\space}{\addcomma\space}},
3092 section         = {{sezione}{sez\adddot}},
3093 sections        = {{sezioni}{\iftoggle{bbx:classical}{sezz\adddot}{sez\adddot}}},
3094 withcommentator = {{commenti di}{commenti di}},
3095 withannotator   = {{annotazioni di}{annotazioni di}},
3096 withintroduction = {{introduzione di}{introduzione di}},
3097 withforeword    = {{prefazione di}{prefazione di}},
3098 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.

```

3099 andothers      = {{\mkibid{et\addabbrvspace al\adddot}}{\mkibid{et\addabbrvspace al\adddot}}},
3100 andmore        = {{\mkibid{et\addabbrvspace al\adddot}}{\mkibid{et\addabbrvspace al\adddot}}},

```

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

```

3101 reviser        = {{revisore}{rev\adddot}},% FIXME: missing
3102 revisers       = {{revisori}{rev\adddot}},% FIXME: missing
3103 founder        = {{fondatore}{fond\adddot}},% FIXME: missing
3104 founders       = {{fondatori}{fond\adddot}},% FIXME: missing
3105 continuator    = {{continuatore}{cont\adddot}},% FIXME: missing
3106 continuators   = {{continuatori}{cont\adddot}},% FIXME: missing
3107 editortr       = {{curatore e traduttore}% FIXME: missing
3108   {cur\adddot\space e trad\adddot}},
3109 editorstr       = {{curatori e traduttori}% FIXME: missing
3110   {cur\adddot\space e trad\adddot}},
3111 editorco        = {{curatore e commentatore}% FIXME: missing
3112   {cur\adddot\space e comm\adddot}},
3113 editorsco       = {{curatori e commentatori}% FIXME: missing
3114   {cur\adddot\space e comm\adddot}},
3115 editoran        = {{curatore e annotatore}% FIXME: missing
3116   {cur\adddot\space e annot\adddot}},
3117 editorsan       = {{curatori e annotatori}% FIXME: missing
3118   {cur\adddot\space e annot\adddot}},
3119 editorin        = {{curatore e introduzione}% FIXME: missing
3120   {cur\adddot\space e introd\adddot}},
3121 editorsin       = {{curatori e introduzione}% FIXME: missing
3122   {cur\adddot\space e introd\adddot}},
3123 editorfo        = {{curatore e prefazione}% FIXME: missing
3124   {cur\adddot\space e pref\adddot}},
3125 editorsfo       = {{curatori e prefazione}% FIXME: missing
3126   {cur\adddot\space e pref\adddot}},

```

```

3127 editoraf          = {{curatore e postfazione}% FIXME: missing
3128   {cur\addotsspace e postf\addot}},
3129 editorsaf          = {{curatori e postfazione}% FIXME: missing
3130   {cur\addotsspace e postf\addot}},
3131 editortrco         = {{curatore, traduttore\finalandcomma\ e commentatore}% FIXME: missing
3132   {ed.,\addabrvspace trad\addot\finalandcomma\ e comm\addot}},
3133 editorstrco        = {{curatori, traduttori\finalandcomma\ e commentatori}% FIXME: missing
3134   {eds.,\addabrvspace trad\addot\finalandcomma\ e comm\addot}},
3135 editortran         = {{curatore, traduttore\finalandcomma\ e annotatore}% FIXME: missing
3136   {ed.,\addabrvspace trad\addot\finalandcomma\ e annot\addot}},
3137 editorstran        = {{curatori, traduttori\finalandcomma\ e annotatori}% FIXME: missing
3138   {eds.,\addabrvspace trad\addot\finalandcomma\ e annot\addot}},
3139 editortrin         = {{curatore, traduttore\finalandcomma\ e introduzione}% FIXME: missing
3140   {ed.,\addabrvspace trad\addot\finalandcomma\ e introd\addot}},
3141 editorstrin        = {{curatori, traduttori\finalandcomma\ e introduzione}% FIXME: missing
3142   {eds.,\addabrvspace trad\addot\finalandcomma\ e introd\addot}},
3143 editortrfo         = {{curatore, traduttore\finalandcomma\ e prefazione}% FIXME: missing
3144   {ed.,\addabrvspace trad\addot\finalandcomma\ e pref\addot}},
3145 editorstrfo        = {{curatori, traduttori\finalandcomma\ e prefazione}% FIXME: missing
3146   {eds.,\addabrvspace trad\addot\finalandcomma\ e pref\addot}},
3147 editortraf         = {{curatore, traduttore\finalandcomma\ e postfazione}% FIXME: missing
3148   {ed.,\addabrvspace trad\addot\finalandcomma\ e postf\addot}},
3149 editorstraf        = {{curatori, traduttori\finalandcomma\ e postfazione}% FIXME: missing
3150   {eds.,\addabrvspace trad\addot\finalandcomma\ e postf\addot}},
3151 editorcoin         = {{curatore, commentatore\finalandcomma\ e introduzione}% FIXME: missing
3152   {ed.,\addabrvspace comm\addot\finalandcomma\ e introd\addot}},
3153 editorscoin        = {{curatori, commentatori\finalandcomma\ e introduzione}% FIXME: missing
3154   {eds.,\addabrvspace comm\addot\finalandcomma\ e introd\addot}},
3155 editorcofo         = {{curatore, commentatore\finalandcomma\ e prefazione}% FIXME: missing
3156   {ed.,\addabrvspace comm\addot\finalandcomma\ e pref\addot}},
3157 editorscofo        = {{curatori, commentatori\finalandcomma\ e prefazione}% FIXME: missing
3158   {eds.,\addabrvspace comm\addot\finalandcomma\ e pref\addot}},
3159 editorcoaf         = {{curatore, commentatore\finalandcomma\ e postfazione}% FIXME: missing
3160   {ed.,\addabrvspace comm\addot\finalandcomma\ e postf\addot}},
3161 editorscoaf        = {{curatori, commentatori\finalandcomma\ e postfazione}% FIXME: missing
3162   {eds.,\addabrvspace comm\addot\finalandcomma\ e postf\addot}},
3163 editoranin         = {{curatore, annotatore\finalandcomma\ e introduzione}% FIXME: missing
3164   {ed.,\addabrvspace annot\addot\finalandcomma\ e introd\addot}},
3165 editorsanin        = {{curatori, annotatori\finalandcomma\ e introduzione}% FIXME: missing
3166   {eds.,\addabrvspace annot\addot\finalandcomma\ e introd\addot}},
3167 editoranfo         = {{curatore, annotatore\finalandcomma\ e prefazione}% FIXME: missing
3168   {ed.,\addabrvspace annot\addot\finalandcomma\ e pref\addot}},
3169 editorsanfo        = {{curatori, annotatori\finalandcomma\ e prefazione}% FIXME: missing
3170   {eds.,\addabrvspace annot\addot\finalandcomma\ e pref\addot}},
3171 editoranaf         = {{curatore, annotatore\finalandcomma\ e postfazione}% FIXME: missing
3172   {ed.,\addabrvspace annot\addot\finalandcomma\ e postf\addot}},
3173 editorsanaf        = {{curatori, annotatori\finalandcomma\ e postfazione}% FIXME: missing
3174   {eds.,\addabrvspace annot\addot\finalandcomma\ e postf\addot}},
3175 editortrcoin       = {{curatore, traduttore, commentatore\finalandcomma\ e introduzione}% FIXME:
3176   {cur.,\addabrvspace trad., comm\addot\finalandcomma\ e introd\addot}},
3177 editorstrcoin      = {{curatori, traduttori, commentatori\finalandcomma\ e introduzione}% FIXME:

```

```

3178 {cur.,\addabbrvspace trad., comm\adddot\finalandcomma\ e introd\adddot}},
3179 editortrcofo = {{curatore, traduttore, commentatore\finalandcomma\ e prefazione}% FIXME: m
3180 {cur.,\addabbrvspace trad., comm\adddot\finalandcomma\ e pref\adddot}},
3181 editorstrcofo = {{curatori, traduttori, commentatori\finalandcomma\ e prefazione}% FIXME: m
3182 {cur.,\addabbrvspace trad., comm\adddot\finalandcomma\ e pref\adddot}},
3183 editortrcoaf = {{curatore, traduttore, commentatore\finalandcomma\ e postfazione}% FIXME: m
3184 {cur.,\addabbrvspace trad., comm\adddot\finalandcomma\ e postf\adddot}},
3185 editorstrcoaf = {{curatori, traduttori, commentatori\finalandcomma\ e postfazione}% FIXME: m
3186 {cur.,\addabbrvspace trad., comm\adddot\finalandcomma\ e postf\adddot}},
3187 editortranin = {{curatore, traduttore, annotatore\finalandcomma\ e introduzione}% FIXME: m
3188 {cur.,\addabbrvspace trad., annot\adddot\finalandcomma\ e introd\adddot}},
3189 editorstranin = {{curatori, traduttori, annotatori\finalandcomma\ e introduzione}% FIXME: m
3190 {cur.,\addabbrvspace trad., annot\adddot\finalandcomma\ e introd\adddot}},
3191 editortranfo = {{curatore, traduttore, annotatore\finalandcomma\ e prefazione}% FIXME: mis
3192 {cur.,\addabbrvspace trad., annot\adddot\finalandcomma\ e pref\adddot}},
3193 editorstranfo = {{curatori, traduttori, annotatori\finalandcomma\ e prefazione}% FIXME: mis
3194 {cur.,\addabbrvspace trad., annot\adddot\finalandcomma\ e pref\adddot}},
3195 editortranaf = {{curatore, traduttore, annotatore\finalandcomma\ e postfazione}% FIXME: mi
3196 {cur.,\addabbrvspace trad., annot\adddot\finalandcomma\ e postf\adddot}},
3197 editorstranaf = {{curatori, traduttori, annotatori\finalandcomma\ e postfazione}% FIXME: mi
3198 {cur.,\addabbrvspace trad., annot\adddot\finalandcomma\ e postf\adddot}},
3199 translatorco = {{traduttore e commentatore}% FIXME: missing
3200 {trad\adddot\ e comm\adddot}},
3201 translatorsco = {{traduttori e commentatori}% FIXME: missing
3202 {trad\adddot\ e comm\adddot}},
3203 translatoran = {{traduttore e annotatore}% FIXME: missing
3204 {trad\adddot\ e annot\adddot}},
3205 translatorsan = {{traduttori e annotatori}% FIXME: missing
3206 {trad\adddot\ e annot\adddot}},
3207 translatorin = {{traduzione e introduzione}% FIXME: missing
3208 {trad\adddot\ e introd\adddot}},
3209 translatorsin = {{traduzione e introduzione}% FIXME: missing
3210 {trad\adddot\ e introd\adddot}},
3211 translatorfo = {{traduzione e prefazione}% FIXME: missing
3212 {trad\adddot\ e pref\adddot}},
3213 translatorsfo = {{traduzione e prefazione}% FIXME: missing
3214 {trad\adddot\ e pref\adddot}},
3215 translatoraf = {{traduzione e postfazione}% FIXME: missing
3216 {trad\adddot\ e postf\adddot}},
3217 translatorsaf = {{traduzione e postfazione}% FIXME: missing
3218 {trad\adddot\ e postf\adddot}},
3219 translatorcoin = {{traduzione, commenti\finalandcomma\ e introduzione}% FIXME: missing
3220 {trans., comm\adddot\finalandcomma\ e introd\adddot}},
3221 translatorscoin = {{traduzione, commenti\finalandcomma\ e introduzione}% FIXME: missing
3222 {trans., comm\adddot\finalandcomma\ e introd\adddot}},
3223 translatorcofo = {{traduzione, commenti\finalandcomma\ e prefazione}% FIXME: missing
3224 {trans., comm\adddot\finalandcomma\ e pref\adddot}},
3225 translatorscofo = {{traduzione, commenti\finalandcomma\ e prefazione}% FIXME: missing
3226 {trans., comm\adddot\finalandcomma\ e pref\adddot}},
3227 translatorcoaf = {{traduzione, commenti\finalandcomma\ e postfazione}% FIXME: missing
3228 {trans., comm\adddot\finalandcomma\ e postf\adddot}},

```

```

3229 translatorscoaf = {{traduzione, commenti\finalandcomma\ e postfazione}% FIXME: missing
3230     {trans., comm\addot\finalandcomma\ e postf\addot}},
3231 translatoranin = {{traduzione, annotazioni\finalandcomma\ e introduzione}% FIXME: missing
3232     {trans., annot\addot\finalandcomma\ e introd\addot}},
3233 translatorsanin = {{traduzione, annotazioni\finalandcomma\ e introduzione}% FIXME: missing
3234     {trans., annot\addot\finalandcomma\ e introd\addot}},
3235 translatoranfo = {{traduzione, annotazioni\finalandcomma\ e prefazione}% FIXME: missing
3236     {trans., annot\addot\finalandcomma\ e pref\addot}},
3237 translatorsanfo = {{traduzione, annotazioni\finalandcomma\ e prefazione}% FIXME: missing
3238     {trans., annot\addot\finalandcomma\ e pref\addot}},
3239 translatoranaf = {{traduzione, annotazioni\finalandcomma\ e postfazione}% FIXME: missing
3240     {trans., annot\addot\finalandcomma\ e postf\addot}},
3241 translatorsanaf = {{traduzione, annotazioni\finalandcomma\ e postfazione}% FIXME: missing
3242     {trans., annot\addot\finalandcomma\ e postf\addot}},
3243 %byreviser      = {{rivisto da}{riv\addotsspace da}},% FIXME: missing: UNSURE
3244 byreviewer      = {{recensito da}{rec\addotsspace da}},% FIXME: missing: UNSURE
3245 byfounder       = {{fondato da}{fond\addotsspace da}},% FIXME: missing
3246 bycontinuator   = {{continuato da}{cont\addotsspace da}},% FIXME: missing: UNSURE
3247 bycollaborator = {{in collaborazione con}{in coll\addotsspace con}},% FIXME: missing: UNSURE
3248 book           = {{libro}{lib\addot}},% FIXME: missing: UNSURE
3249 part           = {{parte}{pt\addot}},% FIXME: missing: UNSURE
3250 issue          = {{uscita}{uscita}},% FIXME: missing: UNSURE
3251 reprints       = {{ristampato come}{rist\addotsspace come}},% FIXME: missing
3252 reprintfrom    = {{ristampato da}{rist\addotsspace da}},% FIXME: missing
3253 % translationof = {{traduzione di}{trad\addotsspace di}},% FIXME: missing
3254 % translationas = {{tradotto come}{trad\addotsspace come}},% FIXME: missing
3255 translationfrom = {{tradotto da}{trad\addotsspace da}},% FIXME: missing
3256 % reviewof     = {{recensione di}{rec\addotsspace di}},% FIXME: missing
3257 % origpubas    = {{edizione originale}{ed\addotsspace orig\addotsspace}},% FIXME: missing: UNSURE
3258 origpubin      = {{originalmente pubblicato in}{orig\addotsspace pub\addotsspace in}},% FIXME: missing
3259 % astitle      = {{come}{come}},% FIXME: missing
3260 % bypublisher  = {{publicato da}{pubb\addotsspace da}},% FIXME: missing: UNSURE
3261 % section      = {{sezione}{\S}},% FIXME: missing
3262 % sections     = {{sezioni}{\S\S}},% FIXME: missing
3263 candthesis     = {{candidato}{cand\addot}},% FIXME: missing
3264 software       = {{software}{software}},% FIXME: missing
3265 datacd         = {{CD-ROM}{CD-ROM}},% FIXME: missing
3266 audiocd       = {{audio CD}{audio CD}},% FIXME: missing
3267 urlfrom        = {{disponibile su}{disponibile su}},% FIXME: missing: UNSURE
3268 inpreparation  = {{in preparazione}{in preparazione}},% FIXME: missing
3269 % submitted    = {{}}{%}},% FIXME: missing
3270 forthcoming     = {{in uscita}{in uscita}},% FIXME: missing
3271 prepublished   = {{pre-pubblicato}{pre-pubblicato}},% FIXME: missing: UNSURE
3272 thiscite       = {{specialmente}{spec\addot}},% FIXME: missing: UNSURE
3273 langcatalan    = {{catalano}{catalano}},% FIXME: missing
3274 langcroatian   = {{croato}{croato}},% FIXME: missing
3275 langczech      = {{ceco}{ceco}},% FIXME: missing
3276 langestonian   = {{estone}{estone}},% FIXME: missing
3277 langfinnish    = {{finnico}{finnico}},% FIXME: missing
3278 langpolish     = {{polacco}{polacco}},% FIXME: missing
3279 langrussian    = {{russo}{russo}},% FIXME: missing

```

```

3280 langslovene      = {{sloveno}{sloveno}},% FIXME: missing
3281 fromcatalan       = {{dal catalano}{dal catalano}},% FIXME: missing
3282 fromcroatian       = {{dal croato}{dal croato}},% FIXME: missing
3283 fromczech          = {{dal ceco}{dal ceco}},% FIXME: missing
3284 fromestonian       = {{dall'estone}{dall'estone}},% FIXME: missing
3285 fromfinnish        = {{dal finnico}{dal finnico}},% FIXME: missing
3286 frompolish         = {{dal polacco}{dal polacco}},% FIXME: missing
3287 fromrussian        = {{dal russo}{dal russo}},% FIXME: missing
3288 fromslovene        = {{dallo sloveno}{dallo sloveno}},% FIXME: missing
3289 circa              = {{circa}{ca\adddot}},% FIXME: missing
3290 spring             = {{primavera}{prim\adddot}},% FIXME: missing
3291 summer             = {{estate}{est\adddot}},% FIXME: missing
3292 autumn             = {{autunno}{aut\adddot}},% FIXME: missing
3293 winter             = {{inverno}{inv\adddot}},% FIXME: missing
3294 }

```

10.10 english-philosophy.lbx

```

3295 \InheritBibliographyExtras{english}
3296
3297 \DeclareBibliographyExtras{%
3298 \protected\def\bibrangedash{-\penalty\hyphenpenalty}%
3299 \protected\def\bibdaterangesep{\bibrangedash}%
3300 }%
3301
3302 \NewBibliographyString{op cited}
3303
3304 \DeclareBibliographyStrings{%
3305   inherit          = {english},

```

New string:

```

3306   op cited          = {{op\addotsspace cit\adddot}{op\addotsspace cit\adddot}},

```

Redefined strings:

```

3307   op cit            = {{cit\adddot}{cit\adddot}},
3308   ibidem            = {{ibid\adddot}{ibid\adddot}},
3309   loc cit           = {{ibid\adddot}{ibid\adddot}},
3310   translationas     = {{trans\adddot}{trans\adddot}},
3311   withcommentator   = {{commentary by}{comment\adddot\ by}},
3312   withannotator     = {{annotations by}{annots\adddot\ by}},
3313   withinintroduction = {{introduction by}{intro\adddot\ by}},
3314   withforeword      = {{foreword by}{forew\adddot\ by}},
3315   withafterword     = {{afterword by}{afterw\adddot\ by}},

```

See the note for the Italian localization module.

```

3316   andothers         = {{\mkibid{et\addabrvspace al\adddot}}{\mkibid{et\addabrvspace al\adddot}}},
3317   andmore            = {{\mkibid{et\addabrvspace al\adddot}}{\mkibid{et\addabrvspace al\adddot}}},
3318   }

```

10.11 spanish-philosophy.lbx

Thanks to Eduardo Villegas for these translations.

```
3319 %
3320 % Thanks to Eduardo Villegas for these translations.
3321 %
3322 \InheritBibliographyExtras{spanish}
3323
3324 \DeclareBibliographyExtras{%
3325 \protected\def\bibrangedash{-\penalty\hyphenpenalty}%
3326 \protected\def\bibdaterangesep{\bibrangedash}%
3327 }%
3328
3329 \NewBibliographyString{opcited}
3330
3331 \DeclareBibliographyStrings{%
3332   inherit          = {spanish},
```

New string:

```
3333   opcited          = {{\'}{o}p\addotsspace cit\addot}{\'{o}p\addot cit\addot}},
```

Redefined strings:

```
3334   opcit            = {{cit\addot}{cit\addot}},
3335   ibidem            = {{ivi}{ivi}},
3336   loccit            = {{ibidem}{ibidem}},
3337   langspanish       = {{espa\~{n}ol}{es\addot}},
3338   editor            = {{ed\addot}{ed\addot}},
3339   editors           = {{ed\addot}{eds\addot}},
3340   byreviser         = {{revisi\'{o}n de}{rev\addotsspace de}},
3341   reviewof          = {{rese\~{n}a de}{rese\~{n}a de}},%%FIXME
3342   backrefpage       = {{citado en la p\'{a}gina}{citado en la \bibsstring{page}\addot}},%%FIXME
3343   backrefpages      = {{citado en las p\'{a}ginas}{citado en las p\'{a}gs\addot}},%%FIXME
3344   withcommentator   = {{comentarios de}{com\addotsspace de}},
3345   withannotator     = {{notas de}{notas de}},
3346   withintroduction  = {{introducci\'{o}n de}{intr\addotsspace de}},
3347   withforeword      = {{prefacio de}{pref\addotsspace de}},
3348   withafterword     = {{postfacio de}{postfacio de}},
3349   translationof     = {{traducci\'{o}n al espa\~{n}ol de}{trad\addotsspace de}},
3350   translationas     = {{traducido al espa\~{n}ol como}{trad\addotsspace es\addot}},
3351   origpubas         = {{edici\'{o}n original}{ed\addot orig\addot}},
3352   section           = {{secci\'{o}n}{sec\addot}},
3353   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.").

```
3354   andmore          = {{\mkibid{et\addabbrvspace al\addot}}{\mkibid{et\addabbrvspace al\addot}}
3355 }
```

10.12 french-philosophy.lbx

!EXEPRIMENTAL! This file needs a revision!

```
3356 \InheritBibliographyExtras{french}
```

```
3357
```

```
3358 \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.

```
3359 \protected\def\mkbibnamefamily#1{#1}%
```

```
3360 \protected\def\bibrangedash{-\penalty\hyphenpenalty}%
```

```
3361 \protected\def\bibdaterangesep{\bibrangedash}%
```

```
3362 }%
```

```
3363
```

```
3364 \NewBibliographyString{opcited}
```

```
3365
```

```
3366 \DeclareBibliographyStrings{%
```

```
3367   inherit          = {french},
```

New string:

```
3368   opcited          = {{op\addotsspace cit\addot}}{op\addotsspace cit\addot}},
```

Redefined strings:

```
3369   opcit             = {{cit\addot}}{cit\addot}},%%FIXME
```

```
3370   ibidem            = {{ibid\addot}}{ibid\addot}},%%FIXME
```

```
3371   loccit            = {{ibid\addot}}{ibid\addot}},%%FIXME
```

```
3372   translationas     = {{trad\addot}}{trad\addot}},%%FIXME
```

```
3373   withcommentator   = {{commentaires \smartof}{comment\addotsspace\smartof}},%%FIXME
```

```
3374   withannotator     = {{annotations \smartof}{annot\addotsspace\smartof}},%%FIXME
```

```
3375   withinintroduction = {{introduction \smartof}{introd\addotsspace\smartof}},%%FIXME
```

```
3376   withforeword      = {{pr\’eface \smartof}{pr\’ef\addotsspace\smartof}},%%FIXME
```

```
3377   withafterword     = {{postface \smartof}{postf\addotsspace\smartof}},%%FIXME
```

See the note for the Italian localization module.

```
3378   andothers         = {{\mkibid{et\addabrvspace al\addot}}{\mkibid{et\addabrvspace al\addot}}}
```

```
3379   andmore           = {{\mkibid{et\addabrvspace al\addot}}{\mkibid{et\addabrvspace al\addot}}}
```

```
3380   }
```

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 \XeTeX and \LuaTeX* , 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 \XeTeX and (with some exceptions) \LuaTeX . 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`, \BibTeX , and \TeX 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 3rd edition, and the *MLA Handbook for Writers of Research Papers*, now in its 8th 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 L^AT_EX. The package is a complete reimplementation of the bibliographic facilities provided by L^AT_EX. The biblatex package works with the “backend” (program) biber, which is used to process BibT_EX format data files and then performs all sorting, label generation (and a great deal more). Formatting of the bibliography is entirely controlled by T_EX macros. Good working knowledge in L^AT_EX 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 L^AT_EX. Un'introduzione a L^AT_EX*, forew. by Enrico Gregorio, http://www.lorenzopantieri.net/LaTeX_files/ArteLaTeX.pdf.

Lo scopo di questo lavoro, rivolto sia a chi muove i primi passi in L^AT_EX 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

biblatex version 0.9 1

General: Improved compatibility for

v0.5	reviewof. Updated documentation	1
General: Added new bibliography style philosophy-verbose. Added localization file italian-philosophy.lbx. Added package options origparens, origbrackets, latinemph. Changed package options scauthors, scauthorcite, scauthorsbib. Renamed file biblatex-philosophy-doc.tex to philosophy-authoryear-doc.tex. Added file philosophy-verbose-doc.tex. 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
v0.7	General: Removed package option colonloc. Removed package options origparens origbrackets. Added package options origfieldsformat, publocformat, commacit, inbeforejournal, romanvol, volnumformat. Added command volnumpunct. Added citation commands \sdcite, \ccite. Updated documentation	1
v0.7a	General: Added command volumfont. Added command footcitet. Updated documentation	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	
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
v0.8d	General: Fixed some bugs related to \DeclareDriverSourcemap, \ccite, and @review entry type	1
v0.8e	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
v0.8f	General: New option nodate for \printbibliography command	1
v0.9a	General: Maintenance release. Corrected some bugs.	1
v0.9b	General: Updated bibliography drivers to correct a bug when using the related mechanism.	1
v0.9c	General: Maintenance release. Corrected some bugs.	1
v0.9d	General: Maintenance release.	

	Corrected some bugs.	1		
v0.9e	General: Maintenance release. Updated documentation.	1	v1.6	General: Removed compatibility with legacy BibTeX backend.
v0.9f	General: Updated documentation. Corrected a bug in the volnumformat option.	1	v1.7	General: Maintenance release. Updated documentation.
v0.9g	General: Added localization module for spanish. Corrected a bug in @inbook and @incollection entries when using crossref field. Updated documentation.	1	v1.8	General: Maintenance release. Corrected an incompatibility with scauthors option.
v0.9h	General: New option lowscauthors. Corrected some bugs. Updated documentation.	1	v1.9	General: Redefined ibidem and loccit strings in file english-philosophy.lbx according to the Chicago Manual of Style.
v0.9i	General: Corrected a bug with shorthandintro option.	1	v1.9.1	General: Redefined macros for the eechnism. Support for the @set entries for classic style. Support for the origpubin and origpubas default related types. Improved .lbx files. Updated documentation.
v1.0	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	v1.9.2	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.
v1.1	General: Maintenance release. Updated documentation.	1	v1.9.3	General: Maintenance release. Reset philosophy-verbose.cbx to version 1.9. Moved labelname format from philosophy-standard.bbx to philosophy-classic.cbx.
v1.2	General: Maintenance release. New value superscript for editionformat option.	1	v1.9.4	General: Maintenance release. Fixed some bugs in modern style.
v1.3	General: Maintenance release. Corrected a spurious space in article entries.	1	v1.9.5	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
v1.4	General: Maintenance release. Updated style for working with biblatex v.3.4.	1		
v1.5	General: Improved compatibility with legacy BibTeX backend.	1		

removed for Spanish. Provided experimental French localization module. Improved annotation option. Updated documentation.	1	v1.9.6	General: Maintenance release. Fixed a bug in the \fullcite command.	1	v1.9.7	General: Maintenance release. Fixed a bug in the @set bibliography driver.	1	v1.9.8	General: Maintenance release. Updated macros involving extrayear component.	1	v1.9.8a	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	v1.9.8e	General: New option iviemph. Updated documentation.	1
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