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The  
**biblatex-philosophy**  
bundle

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If you have any questions, feedback or requests please email me at `ivan dot valbusa at univr dot it`. 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*

v1.9.1 – 2017/02/16

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## Abstract

This package provides a small collection of bibliography and citation styles for use with Philipp Lehman's `biblatex` package. These styles aim to match the needs of the Italian writers, particularly those concerned in the humanities (for example the comma is used to distinguish the units of the entry). They offer some 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 and Spanish localization is 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 `GIT` Forum: <http://www.guit.sssup.it/phpbb/viewtopic.php?t=6472> (See the discussion on <http://www.guit.sssup.it/phpbb/viewtopic.php?t=6717>.) Now this is the bibliography style of *L'arte di scrivere con L<sup>A</sup>T<sub>E</sub>X*, the most popular Italian guide to L<sup>A</sup>T<sub>E</sub>X (Pantieri and Gordini 2011).

*I would like to thank who took part in the debate on GIT Web site and the authors of the styles which inspired bibl<sub>at</sub>ex-philosophy, specifically: Dominik Waßenhoven (2011), James Clawson (2010) and Sander Gliboff (2010).*

## 1 Use

The styles can be loaded as usual, but to ensure Italian-style quotation marks, you need to call the `babel` and `csquotes` packages in the preamble of your L<sup>A</sup>T<sub>E</sub>X document:

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

Replace `⟨style⟩` with `classic`, `modern` or `verbose`, and `⟨bibfile⟩` with the name of your bibliography file (“`.bib`” must be declared). See the example files in the `texmf-dist/doc/latex/biblatex-philosophy/examples.zip` folder.

**Warning!** Since version 1.6 these styles *require* Biber as backend bibliography processor (see Kime and Charette 2016).

To uniform the style of quotation marks in multilingual bibliographies typeset using the `babel=other` package option, you can use the `\DeclareQuoteAlias` command:

```
\DeclareQuoteAlias{italian}{german}
```

## 2 The styles

### 2.1 philosophy-classic

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:

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

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

### 2.2 philosophy-modern

The `philosophy-modern` style uses the `philosophy-classic` style for the citations but produces a fancy bibliography divided into blocks, which is particularly suited for bibliographies with many entries for the same author:

Donald E. Knuth

1984/1986 *Computers & Typesetting*, 5 vols., Addison-Wesley, Reading, Mass.  
 1984 *Computers & Typesetting*, vol. A: *The T<sub>E</sub>Xbook*, Addison-Wesley, Reading, Mass.  
 1986a *Computers & Typesetting*, vol. B: *T<sub>E</sub>X: The Program*, Addison-Wesley, Reading, Mass.  
 1986b *Computers & Typesetting*, vol. C: *The METAFONTbook*, Addison-Wesley, Reading, Mass.  
 1986c *Computers & Typesetting*, vol. D: *METAFONT: The Program*, Addison-Wesley, Reading, Mass.

### 2.3 philosophy-verbose

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” is used; citing the same place of the previous citation you will have “Ibidem”:

<sup>1</sup> Cfr. Cartesio, *Discorso sul metodo*, trad. e introd. di Lucia Urbani Ulivi, 1<sup>a</sup> ed., testo francese a fronte, Bompiani, Milano 2002, p. 43.

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

<sup>3</sup> Ibidem.

<sup>4</sup> Settimo Termini, «Vita morte e miracoli di Alan Mathison Turing», in *Vite matematiche. Protagonisti del '900 da Hilbert a Wiles*, a cura di Claudio Bartocci *et al.*, Springer-Verlag Italia, Milano 2007, pp. 59-61.

<sup>5</sup> Cartesio, *Discorso sul metodo* cit., p. 35.

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

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

All the scholarly abbreviations (*latinities*) but “cit.” are printed by default in normal font. With the `latinemph` option (section 4.2.2) you can get them in italic shape.

## 3 Specialities

The first simple and trivial characteristic of these style is that they use commas instead of dots to separate the parts of the entry, according to the most common Italian tradition. But the do much more, of course.

### 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). Previous versions of the styles provided a different mechanism to manage translations. This feature is now deprecated and it is still supported only for backward compatibility. See section 6.1 for details.

Jules-Henri Poincaré (1968), *La science et l'hypothèse*, Flammarion, Paris; trans. as *La scienza e l'ipotesi*, ed. by Corrado Sinigaglia, 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}}

```

Since Biber 1.6 you can have cascading relations too (see Popper 1934).

```

@Book{key1,
  ...
  related = {key2},
  ...
}

@Book{key2,
  ...
  related = {key3},
  ...
}

@Book{key3,
  ...
}

```

The related entry is preceded by the `translationas` string which defaults to “trad. it.” for Italian documents and “trans. as” for English documents. If you want to change it, use the `relatedstring` field. For example:

```

@book{Poincare:1968-ORIG,
  author      = {Jules-Henri Poincaré},
  ...
  related     = {Poincare:1968-ITA},
  relatedstring = {ed.~it.}}

```

### 3.2 Classical works

The treatment of the classical works and other writings with uncertain or omitted date is particularly difficult and inevitably imposes some choices.

If a critical edition 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 Kant (1968b [henceforth cited as KpV]). Note that a “shorthand intro” is automatically printed when the entry is cited for the first time and omitted afterwards. To turn off this capability load the option `shorthandintro=false`. In this case you will need a list of shorthands (`\printshorthands` command). If you do not like these solutions you can use the `entrysubtype` field with `classic` value (see section 3.2) or the `\sdcite` command (section 3.5).

**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. (see Komensky 1969).

**entrysubtype** field (literal)

This feature is active only for the `classic` and `modern` styles. With the `classic` value the citation commands will produce an author-title label. This is useful for citing works from classical antiquity, such as Aristotle, *Physics*:

```
@book{aristotle:physics,
  entrysubtype = {classic},
  author       = {Aristotle},
  title        = {Physics},
  ...
}
```

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.

### 3.3 Crossreferences

The philosophy styles allow you to manage entries referring to other entries through the `crossref` fields. This is very useful when you have to cite two or more `@incollection` of the same `@collection` (see Corrocher 2009; Federspil and Vettor 2009). In this way the `@collection` is printed in the bibliography and is cross-referenced inside the `@incollection`, using the corresponding author-year label (the mechanism is the same for `@inbook` items).

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

1. use the `crossref` field (see Rossitto 1977; Termini 2007). In this case all the `@collection` data are automatically printed inside the `@incollection` entry;
2. put the `@collection` data in the fields of the `@incollection` entry (see Valbusa 2007). In this case the `@incollection` is self-contained;
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 1968c,d).

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`.

### 3.4 Annotated entries

**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. (see Heidegger 2001).

**annotation/annote** field (literal)

This field is printed in a new paragraph at the very end of the entry. It requires the `annotation` package option. The default font can be changed redefining the `\annotationfont` command (section 5.1). See the examples in the references of this documentation.



### 3.5 Citation commands

`\sdcite{⟨key⟩}`

Uses an author-title label instead of an author-year label (defined only for the `classic` and `modern` styles). It is useful for some classical or undated works (see section 3.2). Writing `\sdcite[15]{guzman:sd}` you will obtain: Guzmán de Rojas, *Problemática*. This command is deprecated. Use the `entrysubtype` field instead (see section 3.2).

`\footcitet{⟨key⟩}`

Same as `\footcite`,<sup>a</sup> but with the `\textcite` style.<sup>b</sup> (defined only for the `classic` and `modern` styles).

---

<sup>a</sup>Corrocher 2009, pp. 12-13.

<sup>b</sup>Corrocher (2009, pp. 12-13).

`\ccite{⟨key⟩}`

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

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

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

## 4 Options

### 4.1 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*, Milano, 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*, Milano, 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*, Milano, Bompiani 2003].

`shorthandintro=true, false`

default: true

`true` Prints a language-specific expression such as “hence- forth cited as [<shorthand>]” to introduce shorthands on the first citation. You can overwrite the default expression using the `shorthandintro` field. Note that the alternative expression must include the shorthand.

Kant (1968a [[henceforth cited as KpV](#)])

`false` Does not print the intro to the shorthand. Obviously, this option requires a list of shorthands (`\printshorthand` command).

`scauthors=true, false`

default: false

Prints the names (author, editor, etc.) at the beginning of the entry in small caps shape, both in citations and in bibliography.

If you want *all* the names (translator, commentator, etc.) in small caps, you have to redefine the `\mkbibname...` commands (see `biblatex` documentation for details).

`scauthorsbib=true, false`

default: false

Same as the previous, but only for the bibliography.

`scauthorscite=true, false`

default: false

Same as the previous, but only for the citations.

`lowscauthors=true, false`

default: false

Prints the initials of the names in lowercase small capitals. For example you will obtain DONALD E. KNUTH instead of DONALD E. KNUTH. If you need the uppercase for some specific entries use the `\MakeUppercase` command.

`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 (see above) and for the `orig`-fields (see section 6.1).

`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), ...

You can combine this option with volumeformat options and re-defining the \volnumpunct command you can get other styles (see section 5.3):

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

**volumeformat**=arabic, roman, romansc, Roman

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, ...

With the command

```
\DeclareFieldFormat{volume}{\bibstring{volume}~#1}
```

you can restore the default format for all but @article entries.

**editionformat**=arabic, roman, romansc, Roman, superscript

default: arabic

This option provides three styles for typesetting the edition field:

**arabic**      ... *Book Title*, 3<sup>a</sup> ed., ...  
**roman**      ... *Book Title*, iii ed., ...  
**romansc**    ... *Book Title*, III ed., ...  
**Roman**      ... *Book Title*, III ed., ...  
**superscript** ... *Book Title*, Publisher, Location 2010<sup>3</sup>. Available only for philosophy-verbose style.

**inbeforejournal**=true, false

default: false

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

**annotation**=true, false

default: false

Shows the annotation field, only in the bibliography (see also section 3.4).

**library**=true, false

default: true

Shows the library field, both in the bibliography and in the citations (see also section 3.4).

**classical**=true, false

default: false

[only for Italian and Spanish 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.

## 4.2 Style-specific

### 4.2.1 philosophy-classic and philosophy-modern

**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 when year or date is missing.

**yearleft**=true, false

default: false

[philosophy-modern only]

Prints the date flushed left in the bibliography.

**restoreclassic**=true, false

default: true

[philosophy-modern only]

This option can be given as an optional argument of `\printbibliography`:`\printbibliography[restoreclassic]`

It restores the classic style in a document typeset using the modern style. It is useful to compose a “Web List” like that at the end of this document (active only for the philosophy-modern).

### 4.2.2 philosophy-verbose

**latinemph**=true, false

default: false

Prints the *latinities* “ivi” and “ibidem” 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. ”.

## 5 Customizations

### 5.1 Fonts

`\annotationfont{<code>}`

default: `\footnotesize`

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

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

`\libraryfont{<code>}`

default: `\normalfont`

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

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

### 5.2 Punctuation

`\volnumpunct{<code>}`

default: `\addcomma\space`

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

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

### 5.3 Lengths

The new lengths described in this section are defined only for the modern style. For the other customizable lengths see the `biblatex` documentation (Lehman 2011).

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

`\yeartitle` The space between year and title.

The modern style redefines also 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:

```
\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}
```

If you want to change them past these codes in the preamble of your document and modify the values according to your needs.

## 5.4 Using the styles with other languages

The languages currently supported by this package are Italian, English and Spanish.

In order to use the styles with different languages, you have to define in the preamble of your document all the string not defined in the localization file of the language loaded. This is a sample code for using the styles in german documents:

```
\NewBibliographyString{edorig,cit}
\DefineBibliographyStrings{german}{%
  inherit      = {german},
  translationas = {deut\adddotsspace \ "Ubers\adddot},
  edorig       = {...},
  cit          = {...},
  reviewof    = {...}}
```

Another approach is to use the `\DeclareLanguageMapping` command. See the documentation of the `biblatex` package for details.

## 5.5 Date and page ranges

These style redefines the `\bibrangedash` and `\bibdatedash` commands in order to get a simple hyphen (–) instead of an en dash (—) in the page and date ranges. If you prefer the en dash use the following code:

```
\DefineBibliographyExtras{<language>}{%
  \protected\def\bibrangedash{%
    \textendash\penalty\hyphenpenalty}%
  \protected\def\bibdatedash{\bibrangedash}}%
```

For a consistent result you probably have to do this for all the languages loaded by `babel` or `polyglossia`.

# 6 Backward compatibility

This section explain a different mechanism (now deprecated) to manage entries comprising both the original publication data and the translation data. This mechanism uses some special fields.

## 6.1 Deprecated fields

The following fields can hold the translation or the original edition data. They are precede 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.

**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 or @incollection) is published.

The field is printed after the origtitle/transtitle.

**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.

## 6.2 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. (see Lobačevskij 1994).

`origfieldsformat=semicolon, parens, brackets`

default: semicolon

Deprecated. 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.

## References

The bibliography style of the document is `philosophy-modern`, but in this list of references we use `philosophy-classic` through the `restoreclassic` option. This is particularly useful for typesetting Web lists which.

Clawson, James (2010), *biblatex-mla. MLA Style Using biblatex*, version 0.95, <http://mirrors.ctan.org/macros/latex/contrib/biblatex-contrib/biblatex-mla/doc/biblatex-mla.pdf>.

The `biblatex-mla` files provide support to `biblatex`, `bibtex`, and `latex` for citations and Works Cited lists in the style established by the Modern Language Association (MLA).

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, <http://mirrors.ctan.org/macros/latex/contrib/biblatex-contrib/biblatex-historian/historian.pdf>.

Historian follows the conventions of The Chicago Manual of Style, as presented in Turabian's Manual for Writers.

Kime, Philip and François Charette (2016), *biber. A backend bibliography processor for biblatex*, version 2.5, <http://biblatex-biber.sourceforge.net>.

Lehman, Philipp (2011), *The biblatex package. Programmable Bibliographies and Citations*, version 1.7, <http://mirrors.ctan.org/macros/latex/contrib/biblatex/doc/biblatex.pdf>.

This document is a systematic reference manual for the `biblatex` package. Look at the sample documents which ship with `biblatex` to get a first impression.

Pantieri, Lorenzo and Tommaso Gordini (2011), *L'arte di scrivere con L<sup>A</sup>T<sub>E</sub>X. Un'introduzione a L<sup>A</sup>T<sub>E</sub>X*, with a forew. by Enrico Gregorio, [http://www.lorenzopantieri.net/LaTeX\\_files/ArteLaTeX.pdf](http://www.lorenzopantieri.net/LaTeX_files/ArteLaTeX.pdf).

The most popular italian guide to L<sup>A</sup>T<sub>E</sub>X. A little masterpiece of style and typesetting.

Waßenhoven, Dominik (2011), *biblatex-dw*, version 1.4, <http://mirrors.ctan.org/macros/latex/contrib/biblatex-contrib/biblatex-dw/doc/biblatex-dw.pdf>.

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.



## Examples

Aristotle

- 1929 *Physics*, trans. by P. H. Wicksteed and F. M. Cornford, G. P. Putnam, New York.  
A book entry with a `translator` field.

Corrocher, Roberto

- 2009 “Riflessioni sull’uomo di fronte a nuove sfide”, in Giaretta et al. (2009), pp. 27-42.  
An `@incollection` entry. The `@collection` is automatically printed in the bibliography because another `@incollection` has been cited.

Federspil, Giovanni and Roberto Vettor

- 2009 “Medicina: un unico metodo e una sola argomentazione?”, in Giaretta et al. (2009), pp. 43-74.  
An `@incollection` entry. The `@collection` is automatically printed in the bibliography because another `@incollection` has been cited.

Giaretta, Pierdaniele, Antonio Moretto, Gian Franco Gensini, and Marco Trabucchi

- 2009 (eds.), *Filosofia delle medicina. Metodo, modelli, cura ed errori*, 2 vols., il Mulino, Bologna.  
A collection with four editors. The list is automatically truncated in the citations.

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. Apparso originariamente nel 1927 nell’annuario diretto da H. Husserl *Jahrbuch für Philosophie und phänomenologische Forschung* (vol. VIII).  
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 *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.  
1968c *Kritik der praktischen Vernunft*, in Kant (1968a), vol. 5, pp. 1-163.  
1968d *Kritik der Urtheilskraft*, in Kant (1968a), vol. 5, pp. 165-485.

Komensky, Jan Amos [Comenio]

- 1969 *Opera Omnia*, Praga.  
This author is known with his Latin name, given in the `nameaddon` field.

Lobačevskij, Nikolaj Ivanovič

- 1994 *Nuovi principi della geometria. Con una teoria completa delle parallele*, ed. by Lucio Lombarto Radice, with a forew. by Evandro Agazzi, Bollati Boringhieri, Torino; orig. ed. 1835.

An entry typeset using the deprecated `orig-` fields mechanism.

Pantieri, Lorenzo and Tommaso Gordini

- 2011 *L'arte di scrivere con L<sup>A</sup>T<sub>E</sub>X. Un'introduzione a L<sup>A</sup>T<sub>E</sub>X*, with a forew. by Enrico Gregorio, [http://www.lorenzopantieri.net/LaTeX\\_files/ArteLaTeX.pdf](http://www.lorenzopantieri.net/LaTeX_files/ArteLaTeX.pdf).

The most popular italian guide to L<sup>A</sup>T<sub>E</sub>X. A little masterpiece of style and typesetting.

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).

Rossitto, Cristina

- 1977 “Opposizione e non contraddizione nella *Metafisica* di Aristotele”, in *La contraddizione*, ed. by Enrico Berti, Città Nuova, Roma, pp. 43-69.

Note that the `@collection` data (inherited from the `crossref` field) are printed inside the `@incollection` entry because this is the only `@incollection` cited from that `@collection`.

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.

Valbusa, Ivan

- 2007 “Psicologia e sistema in Alsted e in Wolff”, in *Christian Wolff tra psicologia empirica e psicologia razionale*, ed. by Ferdinando Luigi Marcolungo, Georg Olms Verlag, Hildesheim, Zürich, and London.

## Web List

Here we have a list of Web sites typeset with the `philosophy-classic` style through the `restoreclassic` option.

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

Note the `urldate` field and the `label` field, used for the citations.

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

A Web site.

## 7 The Code

### 7.1 philosophy-standard.bbx

```

1 \def\optionerror#1{%
2 \ClassError{biblatex-philosophy}
3 {\MessageBreak**** Unknown value for '#1' option}
4 {\MessageBreak**** Unknown value for '#1' option}
5 }
6
7 \RequireBiber[3]
8 \RequireBibliographyStyle{standard}

```

Load the localization modules:

```

9 \DeclareLanguageMapping{italian}{italian-philosophy}
10 \DeclareLanguageMapping{english}{english-philosophy}
11 \DeclareLanguageMapping{spanish}{spanish-philosophy}

```

#### 7.1.1 Global options

```

12 \newtoggle{bbx:annotation}
13 \newtoggle{bbx:library}
14 \newtoggle{bbx:scauthors}
15 \newtoggle{bbx:scauthorsbib}
16 \newtoggle{bbx:inbeforejournal}
17 \newtoggle{bbx:classical}
18 \newtoggle{bbx:lowscauthors}
19 \newtoggle{cbx:shorthandintro}
20
21 \DeclareBibliographyOption{annotation}[true]{%
22   \settoggle{bbx:annotation}{#1}}
23 \DeclareBibliographyOption{library}[true]{%
24   \settoggle{bbx:library}{#1}}
25 \DeclareBibliographyOption{scauthors}[true]{%
26   \settoggle{bbx:scauthors}{#1}}
27 \DeclareBibliographyOption{scauthorsbib}[true]{%
28   \settoggle{bbx:scauthorsbib}{#1}}
29 \DeclareBibliographyOption{inbeforejournal}[true]{%
30   \settoggle{bbx:inbeforejournal}{#1}}
31 \DeclareBibliographyOption{classical}[true]{%
32   \settoggle{bbx:classical}{#1}}
33 \DeclareBibliographyOption{lowscauthors}[true]{%
34   \settoggle{bbx:lowscauthors}{#1}}
35 \DeclareBibliographyOption{shorthandintro}[true]{%
36   \settoggle{cbx:shorthandintro}{#1}}
37
38 \newcommand{\bbx@publocformat}{}
39 \newcommand{\bbx@volnumformat}{}
40 \newcommand{\bbx@relatedformat}{}
41 \newcommand{\bbx@origfields}{}
42 \newcommand{\bbx@editionformat}{}
43 \newcommand{\bbx@volumeformat}{}
44
45 \DeclareBibliographyOption{publocformat}[publocyear]{%

```

```

46 \renewcommand{\bbx@publocformat}{#1}}
47 \DeclareBibliographyOption{volnumformat}[plain]{%
48 \renewcommand{\bbx@volnumformat}{#1}}
49 \DeclareBibliographyOption{origfieldsformat}[semicolon]{%
50 \renewcommand{\bbx@relatedformat}{#1}}
51 \DeclareBibliographyOption{relatedformat}[semicolon]{%
52 \renewcommand{\bbx@relatedformat}{#1}}
53 \DeclareBibliographyOption{origfields}[true]{%
54 \renewcommand{\bbx@origfields}{#1}}
55 \DeclareBibliographyOption{editionformat}[arabic]{%
56 \renewcommand{\bbx@editionformat}{#1}}
57 \DeclareBibliographyOption{volumeformat}[arabic]{%
58 \renewcommand{\bbx@volumeformat}{#1}}
59
60 \DeclareEntryOption{origed}[true]{%
61 \renewcommand{\bbx@origfields}{origed}}
62
63 \ExecuteBibliographyOptions{%
64 lowscauthors = false,
65 publocformat = publocyear,
66 annotation = false,
67 library = true,
68 scauthors = false,
69 scauthorsbib = false,
70 origfieldsformat = semicolon,
71 inbeforejournal = false,
72 volnumformat = plain,
73 editionformat = arabic,
74 volumeformat = arabic,
75 classical = false,
76 useprefix = true,
77 maxcitenames = 2,
78 mincitenames = 1,
79 maxbibnames = 999,
80 minbibnames = 999,
81 shorthandintro = true}

```

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

```

82 \setcounter{biburlnumpenalty}{9000}
83 \setcounter{biburlucpenalty}{9000}
84 \setcounter{biburllcpenalty}{9000}

```

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

```

85 \newcounter{maxnamesincross}
86 \newcounter{minnamesincross}

```

### 7.1.2 Name format

```

87 \AtBeginDocument{%
88 \iftoggle{bbx:lowscauthors}%
89 {\newrobustcmd*{\mkbibsc}[1]{\textsc{MakeLowercase{#1}}}}%
90 {\newrobustcmd*{\mkbibsc}[1]{\textsc{#1}}}}%
91 \iftoggle{bbx:scauthors}{%
92 \toggletrue{bbx:scauthorsbib}%

```

```

93 \toggletrue{cbx:scauthorscite}}%
94 {}
95 \AtBeginBibliography{%
96 \iftoggle{bbx:scauthorsbib}{%
97 \DeclareNameFormat{sortname}{%
98   \let\mkbibnamefamily\mkbibsc%
99   \let\mkbibnamegiven\mkbibsc%
100   \let\mkbibnameprefix\mkbibsc%
101   \let\mkbibnameaffix\mkbibsc%
102   \nameparts{#1}%
103   \ifnumequal{\value{listcount}}{1}
104     {\ifgiveninits
105       {\usebibmacro{name:family-given}
106         {\namepartfamily}
107         {\namepartgiveni}
108         {\namepartprefix}
109         {\namepartsuffix}}
110       {\usebibmacro{name:family-given}
111         {\namepartfamily}
112         {\namepartgiven}
113         {\namepartprefix}
114         {\namepartsuffix}}}%
115     \ifboolexpe{%
116       test {\ifdefvoid\namepartgiven}
117       and
118       test {\ifdefvoid\namepartprefix}}
119     {}
120     {\usebibmacro{name:revsdelim}}}
121   {\ifgiveninits
122     {\usebibmacro{name:given-family}
123       {\namepartfamily}
124       {\namepartgiveni}
125       {\namepartprefix}
126       {\namepartsuffix}}
127     {\usebibmacro{name:given-family}
128       {\namepartfamily}
129       {\namepartgiven}
130       {\namepartprefix}
131       {\namepartsuffix}}}%
132   \usebibmacro{name:andothers}}}%
133 {}}%

```

### 7.1.3 New internal commands

```

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

```

We have to define a new internal command in order to get pure parentheses for some specific fields when using the square option:

```

139 \newrobustcmd*{\mkpureparens}[1]{%

```

```

140 \begingroup
141 \blx@blxinit
142 \blx@setsfcodes
143 \blx@postpunct{#1\blx@postpunct}\midsentence%
144 \endgroup}
145 \newrobustcmd*{\mkpurebrackets}[1]{%
146 \begingroup
147 \blx@blxinit
148 \blx@setsfcodes
149 \blx@postpunct{#1\blx@postpunct}\midsentence%
150 \endgroup}

```

## Indexing

```

151 \renewbibmacro*{citeindex}{%
152 \ifciteindex{\indexnames{labelname}}{}}}%
153 \renewbibmacro*{bibindex}{%
154 \ifbibindex{\indexnames{author}}%
155 \indexnames{editor}}%
156 \indexnames{editora}}%
157 \indexnames{editorb}}%
158 \indexnames{editorc}}}%
159 {}}%

```

## Font selection

```

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

```

### 7.1.4 Fields formats

```

174 \DeclareFieldFormat[bookinbook,thesis]{title}{\mkbibemph{#1}}
175 \DeclareFieldFormat[review]{title}{\bibcpstring{reviewof}\addspace#1}
176 \DeclareFieldFormat[review]{citetitle}{\bibcpstring{reviewof}\addspace#1}
177 \DeclareFieldFormat[inreference,article]{title}{\mkbibquote{#1}}
178 \DeclareFieldFormat[bookinbook,thesis]{citetitle}{\mkbibemph{#1}}
179 \DeclareFieldFormat[origtitle]{\mkbibemph{#1}}
180 \DeclareFieldFormat[article]{origtitle}{\mkbibquote{#1}}
181 \DeclareFieldFormat{usera}{\mkbibemph{#1}}
182 \DeclareFieldFormat[bookinbook,inbook]{usera}{\mkbibemph{#1}}
183 \DeclareFieldFormat[incollection]{usera}{\mkbibquote{#1}}
184 \DeclareFieldFormat{userc}{\mkpageprefix[bookpagination]{#1}}

```

```

185 \DeclareFieldFormat{url}{\url{#1}}
186 \DeclareFieldFormat{annotation}{\annotationfont #1}
187 \DeclareFieldFormat{library}{\libraryfont #1}
188 \DeclareFieldFormat{pureparens}{\mkpureparens{#1}}
189 \DeclareFieldFormat{editortype}{\mkpureparens{#1}}
190 \DeclareFieldFormat{backrefparens}{\mkpureparens{#1}}
191 \DeclareFieldFormat{volume}{%
192   \bibstring{volume}~%
193   \ifinteger{#1}{%
194     \ifdefstring{\bbx@volumeformat}{arabic}%
195       {#1}%
196     {\ifdefstring{\bbx@volumeformat}{Roman}%
197       {\RN{#1}}%
198       {\ifdefstring{\bbx@volumeformat}{romansc}%
199         {\textsc{\RN{#1}}}%
200         {\ifdefstring{\bbx@volumeformat}{roman}%
201           {\RN{#1}}{\optionerror{volumeformat}}}}}}{#1}}
202 \DeclareFieldFormat[article]{volume}{%
203   \ifdefstring{\bbx@volnumformat}{strings}
204     {\bibstring{volume}~}%
205     {}%
206   \ifinteger{#1}{%
207     \ifdefstring{\bbx@volumeformat}{arabic}%
208       {#1}%
209     {\ifdefstring{\bbx@volumeformat}{Roman}%
210       {\RN{#1}}%
211       {\ifdefstring{\bbx@volumeformat}{romansc}%
212         {\textsc{\RN{#1}}}%
213         {\ifdefstring{\bbx@volumeformat}{roman}%
214           {\RN{#1}}{\optionerror{volumeformat}}}}}}{#1}}
215 \DeclareFieldFormat*{number}{%
216   \ifdefstring{\bbx@volnumformat}{strings}{%
217     \bibstring{number}~#1}{#1}}
218 \DeclareFieldFormat*{series}{%
219   \ifinteger{#1}
220     {\mkbibordseries{#1}~\bibstring{jourser}}
221     {\ifbibstring{#1}{\bibstring{#1}}{#1}}}
222 \DeclareFieldFormat{edition}{%
223   \ifinteger{#1}{%
224     \ifdefstring{\bbx@editionformat}{arabic}
225       {\mkbibordedition{#1}~\bibstring{edition}}
226       {\ifdefstring{\bbx@editionformat}{Roman}%
227         {\RN{#1}~\bibstring{edition}}%
228         {\ifdefstring{\bbx@editionformat}{romansc}%
229           {\textsc{\RN{#1}}~\bibstring{edition}}%
230           {\ifdefstring{\bbx@editionformat}{roman}%
231             {\RN{#1}~\bibstring{edition}}
232             {\ifdefstring{\bbx@editionformat}{superscript}%
233               {\ClassError{biblatex-philosophy}
234                 {\MessageBreak**** Option 'editionformat=superscript'
235                  available only for philosophy-verbose style}
236                 {\MessageBreak**** Option 'editionformat=superscript'

```

```

237   available only for philosophy-verbose style}}{}}}}{#1}}\isdot??
238 \DeclareFieldFormat{related}{%
239   \ifdefstring{\bbx@relatedformat}{parens}%
240   {\mkpureparens{#1}}%
241   {\ifdefstring{\bbx@relatedformat}{brackets}%
242   {\mkpurebrackets{#1}}%
243   {\ifdefstring{\bbx@relatedformat}{semicolon}%
244     {#1}{\optionerror{relatedformat}}}}}%
245 \DeclareFieldAlias{related:origpubin}{related}
246 \DeclareFieldAlias{related:origpubas}{related}
247 \DeclareFieldFormat{relatedstring:default}{#1\addspace}

```

### 7.1.5 The orig- macros (deprecated)

These macros are provided for backward compatibility. The new related field mechanism now directly support also this feature.

```

248 \newbibmacro*{origpublisher+origlocation+origdate}{%
249 \ifdefstring{\bbx@publocformat}{loccolonpub}
250 {\usebibmacro{origloccolonpub}\setunit{\bibpagespunct}%
251   \printfield{userc}}{\ifdefstring{\bbx@publocformat}{locpubyear}
252 {\usebibmacro{origlocpubyear}\setunit{\bibpagespunct}%
253   \printfield{userc}}
254 {\usebibmacro{origpublocyear}\setunit{\bibpagespunct}%
255   \printfield{userc}}}}
256
257 \newbibmacro*{origpublocyear}{%
258 \iflistundef{origpublisher}%
259 {\printlist{origlocation}%
260 \setunit*{\addspace}%
261   \printorigdate}%
262 {\printlist{origpublisher}%
263   \setunit*{\addcomma\space}%
264 \printlist{origlocation}%
265 \setunit*{\addspace}%
266   \printorigdate}%
267 \newunit}
268
269 \newbibmacro*{origloccolonpub}{%
270 \iflistundef{origlocation}{}%
271 {\printlist{origlocation}}%
272 \iflistundef{origpublisher}%
273   {\setunit*{\addspace}%
274 \printorigdate}%
275   {\setunit*{\addcolon\space}%
276 \printlist{origpublisher}%
277 \setunit*{\addcomma\space}%
278 \printorigdate}%
279 \newunit}
280
281 \newbibmacro*{origlocpubyear}{%
282 \iflistundef{origlocation}{}%
283 {\printlist{origlocation}}%

```



```

284 \iflistundef{origpublisher}%
285   {\setunit*{\addspace}%
286 \printorigdate}%
287   {\setunit*{\addcomma\space}%
288 \printlist{origpublisher}%
289 \setunit*{\addcomma\space}%
290 \printorigdate}%
291 \newunit}
292
293 \newbibmacro*{reprinttitle}{%
294 \iffieldundef{reprinttitle}{}{%
295 \iffieldsequal{reprinttitle}{title}{}{%
296 \printfield[title]{reprinttitle}%
297 \setunit{\addcomma\space}}}%
298 \iffieldundef{userb}{}{%
299 \printfield{userb}}}%
300
301 \newbibmacro*{transorigstring}{%
302 \iffieldundef{reprinttitle}%
303 {\printtext{\ifdefstring{\bbx@origfields}{origed}
304 {\bibstring{origed}}}%
305 {\bibstring{translationas}}}\nopunct}%
306 {\printtext{\bibstring{reprint}}}\nopunct}
307
308 \newbibmacro*{origtitle:book}{%
309 \iffieldundef{origtitle}{}{%
310 \printfield[origtitle]{origtitle}%
311 \setunit{\addcomma\space}%
312 \iffieldundef{userb}{}{%
313 \printfield{userb}}}%
314
315 \newbibmacro*{origtitledata:book}{%
316 \usebibmacro{transorigstring}%
317 \iffieldundef{reprinttitle}%
318 {\usebibmacro{origtitle:book}}%
319 {\usebibmacro{reprinttitle}}%
320 \newunit\newblock
321 \usebibmacro{origpublisher+origlocation+origdate}}
322
323 \newbibmacro*{origdata:book}{%
324 \ifboolexpr{%
325 test {\iffieldundef{origtitle}}
326 and
327 test {\iffieldundef{origlocation}}
328 and
329 test {\iffieldundef{origpublisher}}
330 and
331 test {\iffieldundef{origyear}}
332 }%
333 }%
334 {\ifdefstring{\bbx@relatedformat}{parens}
335 {\nopunct\printtext[pureparens]{\usebibmacro{origtitledata:book}}}

```

```

336   {\ifdefstring{\bbx@relatedformat}{brackets}
337     {\nopunct\printtext[brackets]{\usebibmacro{origtitledata:book}}}
338     {\setunit{\addsemicolon\space}%
339       \printtext{\usebibmacro{origtitledata:book}}}}}}
340
341 \newbibmacro*{origtitle:article-inbook-incoll}{%
342   \iffieldundef{origtitle}{}{%
343     \printfield[origtitle]{origtitle}%
344   \setunit{\addcomma\space}}%
345   \iffieldundef{usera}{}{%
346     \usebibmacro{in:}%
347     \printfield{usera}%
348     \setunit{\addcomma\space}}%
349   \iffieldundef{userb}{}{%
350     \printfield{userb}%
351     \newunit}}
352
353 \newbibmacro*{origtitledata:article-inbook-incoll}{%
354   \usebibmacro{transorigstring}%
355   \setunit{\addspace}%
356   \usebibmacro{origtitle:article-inbook-incoll}%
357   \usebibmacro{origpublisher+origlocation+origdate}}
358
359 \newbibmacro*{origdata:article-inbook}{%
360   \iflistundef{origlocation}{}{%
361     \ifdefstring{\bbx@relatedformat}{parens}
362     {\nopunct\printtext[pureparens]{%
363       \usebibmacro{origtitledata:article-inbook-incoll}}}%
364     {\ifdefstring{\bbx@relatedformat}{brackets}
365       {\nopunct\printtext[brackets]{%
366         \usebibmacro{origtitledata:article-inbook-incoll}}}%
367       {\setunit{\addsemicolon\space}%
368         \printtext{%
369           \usebibmacro{origtitledata:article-inbook-incoll}}}}}}

```

### 7.1.6 New macros

```

370 \renewbibmacro*{addendum+pubstate}{%
371   \printfield{addendum}%
372   \newunit\newblock
373   \printfield{pubstate}%
374   \ifdefstring{\bbx@origfields}{none}{}{%
375     \newunit\newblock
376     \usebibmacro{origdata:book}}%
377   \newunit\newblock
378   \usebibmacro{library}}
379
380 \newbibmacro*{addendum+pubstate:article-inbook-incoll}{%
381   \printfield{addendum}%
382   \newunit\newblock
383   \printfield{pubstate}%
384   \ifdefstring{\bbx@origfields}{none}{}{%

```

```

385 \newunit\newblock
386 \usebibmacro{origdata:article-inbook}}%
387 \newunit\newblock
388 \usebibmacro{library}}
389
390 \newbibmacro*{volnumdefault}{%
391 \printfield{volume}%
392 \setunit*{\volnumpunct}%
393 \printfield{number}}
394
395 \newbibmacro*{volnumparens}{%
396 \nopunct%
397 \printtext[pureparens]{%
398 \printfield{volume}%
399 \setunit*{\volnumpunct}%
400 \printfield{number}}}
401
402 \newbibmacro*{volnumstrings}{%
403 \iffieldundef{volume}{}{%
404 \printfield{volume}\setunit*{\volnumpunct}}%
405 \iffieldundef{number}{}{%
406 \printfield{number}}}
407
408 \renewbibmacro*{journal}{%
409 \iffieldundef{journalttitle}
410 {}
411 {\printtext[journalttitle]{%
412 \printfield[titlecase]{journalttitle}%
413 \midsentence%
414 \setunit{\subtitledpunct}%
415 \printfield[titlecase]{journalsubtitle}}}}
416
417 \renewbibmacro*{periodical}{%
418 \iffieldundef{title}
419 {}
420 {\printtext[title]{%
421 \printfield[titlecase]{title}%
422 \midsentence%
423 \setunit{\subtitledpunct}%
424 \printfield[titlecase]{subtitle}}}}
425
426 \renewbibmacro*{journal+issuetitle}{%
427 \usebibmacro{journal}%
428 \setunit*{\addspace}%
429 \iffieldundef{series}
430 {}
431 {\newunit%
432 \printfield{series}\setunit{\addspace}\midsentence}%
433 \newunit%
434 \usebibmacro{volume+number+eid}%
435 \setunit{\addspace}%
436 \usebibmacro{issue+date}%

```

```

437 \setunit{\addcolon\space}%
438 \usebibmacro{issue}%
439 \newunit}
440
441 \renewbibmacro*{title+issuetitle}{%
442 \usebibmacro{periodical}%
443 \setunit*{\addspace}%
444 \iffieldundef{series}
445 {}
446 {\newunit
447 \printfield{series}%
448 \setunit{\addspace}\midsentence}%
449 \newunit
450 \usebibmacro{volume+number+eid}%
451 \setunit{\addcomma\space}%
452 \printfield{eid}%
453 \setunit{\addspace}%
454 \usebibmacro{issue+date}%
455 \setunit{\addcolon\space}%
456 \usebibmacro{issue}%
457 \newunit}
458
459 \renewbibmacro*{volume+number+eid}{%
460 \ifdefstring{\bbx@volnumformat}{strings}
461 {\usebibmacro{volnumstrings}}%
462 {\ifdefstring{\bbx@volnumformat}{parens}
463 {\usebibmacro{volnumparens}}%
464 {\ifdefstring{\bbx@volnumformat}{plain}
465 {\usebibmacro{volnumdefault}}%
466 {\optionerror{volnumformat}}}%
467 \setunit{\addcomma\space}%
468 \printfield{eid}}
469
470 \renewbibmacro*{issue+date}{%
471 \printtext[pureparens]{%
472 \iffieldundef{issue}
473 {\usebibmacro{date}}
474 {\printfield{issue}%
475 \setunit*{\addspace}%
476 \usebibmacro{date}}}%
477 \newunit}
478
479 \renewbibmacro*{event+venue+date}{%v0.8
480 \printfield[eventtitle]%
481 \ifboolexpr{%
482 test {\iffieldundef{venue}}
483 and
484 test {\iffieldundef{eventyear}}
485 }%
486 {}
487 {\setunit*{\addspace}%
488 \printtext{%

```

```

489     \printfield{venue}%
490     \setunit*{\addcomma\space}%
491     \printeventdate}}%
492 \newunit}
493
494 \renewbibmacro*{series+number}{%
495     \printfield{series}%
496     \setunit*{\addcomma\space}%
497     \printfield{number}%
498     \newunit}
499
500 \renewbibmacro*{publisher+location+date}{%
501 \ifdefstring{\bbx@publocformat}{loccolonpub}
502   {\usebibmacro{loccolonpub}}
503   {\ifdefstring{\bbx@publocformat}{locpubyear}
504     {\usebibmacro{locpubyear}}
505     {\ifdefstring{\bbx@publocformat}{publocyear}%
506       {\usebibmacro{publocyear}}{\optionerror{publocformat}}}}}
507
508 \renewbibmacro*{institution+location+date}{%
509 \ifdefstring{\bbx@publocformat}{loccolonpub}
510   {\usebibmacro{inloccolonpub}}
511   {\ifdefstring{\bbx@publocformat}{locpubyear}
512     {\usebibmacro{inlocpubyear}}
513     {\ifdefstring{\bbx@publocformat}{publocyear}%
514       {\usebibmacro{inpublocyear}}{\optionerror{publocformat}}}}}
515
516 \renewbibmacro*{organization+location+date}{%
517 \ifdefstring{\bbx@publocformat}{loccolonpub}
518   {\usebibmacro{orgloccolonpub}}
519   {\ifdefstring{\bbx@publocformat}{locpubyear}
520     {\usebibmacro{orglocpubyear}}
521     {\ifdefstring{\bbx@publocformat}{publocyear}%
522       {\usebibmacro{orgpublocyear}}{\optionerror{publocformat}}}}}
523
524 \newbibmacro*{library}{%
525 \iftoggle{bbx:library}{%
526   \iffieldundef{library}%
527   {}%
528   {\setunit{\addperiod\space}%
529     {\printfield{library}}}}}%
530   {}%

```

In this macro the `\nopunct` command is needed to avoid the dot after the parentheses.

```

531 \renewbibmacro*{pageref}{%
532   \iflistundef{pageref}
533   {}%
534   {\setunit{\addperiod\space}%
535     \printtext[backrefparens]{%
536       \ifnumgreater{\value{pageref}}{1}
537       {\bibstring{backrefpages}\ppspace}%
538       {\bibstring{backrefpage}\ppspace}%

```

```

539      \printlist[pageref][- \value{listtotal}]{pageref}\addot\NOPUNCT}}%
540
541 \renewbibmacro*{finentry}{%
542   \iftoggle{bbx:annotation}%
543     {\iffieldundef{annotation}%
544       {\finentry}%
545       {\setunit{\addperiod\par\nobreak\vspace*{.5ex}}%
546         \printtext[annotation]{\printfield{annotation}\finentry\par}}}%
547   {\finentry}}
548
549 \newbibmacro*{publocyear}{%
550   \iflistundef{publisher}%
551     {}%
552   {\printlist{publisher}}
553   \setunit*{\addcomma\space}%
554   \printlist{location}%
555   \usebibmacro{relateddate}%
556   \newunit}
557
558 \newbibmacro*{inpublocyear}{%
559   \iflistundef{institution}%
560     {}%
561   {\printlist{institution}}
562   \setunit*{\addcomma\space}%
563   \printlist{location}%
564   \usebibmacro{relateddate}%
565   \newunit}
566
567 \newbibmacro*{orgpublocyear}{%
568   \iflistundef{organization}%
569     {}%
570   {\printlist{organization}}
571   \setunit*{\addcomma\space}%
572   \printlist{location}%
573   \usebibmacro{relateddate}%
574   \newunit}
575
576 \newbibmacro*{loccolonpub}{%
577   \printlist{location}%
578   \iflistundef{publisher}%
579     {\setunit*{\addspace}}
580     {\setunit*{\addcolon\space}}%
581   \printlist{publisher}%
582   \usebibmacro{commarelateddate}%
583   \newunit}
584
585 \newbibmacro*{inloccolonpub}{%
586   \printlist{location}%
587   \iflistundef{institution}%
588     {\setunit*{\addspace}}
589     {\setunit*{\addcolon\space}}%
590   \printlist{institution}%

```

```

591 \usebibmacro{commarelateddate}%
592 \newunit}
593
594 \newbibmacro*{orgloccolonpub}{%
595 \printlist{location}%
596 \iflistundef{organization}
597   {\setunit*{\addspace}}
598   {\setunit*{\addcolon\space}}%
599 \printlist{organization}%
600 \usebibmacro{commarelateddate}%
601 \newunit}
602
603 \newbibmacro*{locpubyear}{%
604 \printlist{location}%
605 \iflistundef{publisher}%
606   {\setunit*{\addspace}}
607   {\setunit*{\addcomma\space}}%
608 \printlist{publisher}%
609 \usebibmacro{commarelateddate}%
610 \newunit}
611
612 \newbibmacro*{inlocpubyear}{%
613 \printlist{location}%
614 \iflistundef{institution}
615   {\setunit*{\addspace}}
616   {\setunit*{\addcomma\space}}%
617 \printlist{institution}%
618 \usebibmacro{commarelateddate}%
619 \newunit}
620
621 \newbibmacro*{orgloccolpubyear}{%
622 \printlist{location}%
623 \iflistundef{organization}
624   {\setunit*{\addspace}}
625   {\setunit*{\addcomma\space}}%
626 \printlist{organization}%
627 \usebibmacro{commarelateddate}%
628 \newunit}

```

### 7.1.7 The related field mechanism

```

629 \newbibmacro*{relateddate}{%
630 \setunit*{\addspace}%
631 \printdate}
632 \newbibmacro*{commarelateddate}{%
633 \setunit*{\addcomma\space}%
634 \printdate}

```

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

```

635 \newbibmacro*{related:clearauthors}{%
636 \renewbibmacro*{author/translator+others}{\usebibmacro{bbx:savehash}}%
637 \renewbibmacro*{author/editor+others/translator+others}{%
638 \usebibmacro{bbx:savehash}}%
639 \renewbibmacro*{editor+others}{\usebibmacro{bbx:savehash}}%

```

```

640 \renewbibmacro*{author/translator+others}{\usebibmacro{bbx:savehash}}%
641 \renewbibmacro*{author/editor}{\usebibmacro{bbx:savehash}}%
642 \renewbibmacro*{author}{\usebibmacro{bbx:savehash}}%
643 \renewbibmacro*{editor}{\usebibmacro{bbx:savehash}}%
644 \renewcommand*{\labelnamepunct}{}%
645 \DeclareCiteCommand{\relatedcite}
646 {}%
647 {\usedriver
648   {\DeclareNameAlias{sortname}{default}}%
649   \usebibmacro{related:clearauthors}%
650   \renewbibmacro*{relateddate}{%
651     \setunit*{\addspace}\printdate}%
652   \renewbibmacro*{commarelateddate}{%
653     \setunit*{\addcomma\space}\printdate}}%
654   {\thefield{entrytype}}}%
655 {}%
656 {}%
657 \renewbibmacro*{related:default}[1]{%
658 \togglefalse{cbx:scauthorscite}%
659 \togglefalse{bbx:annotation}%
660 \ifboolexpr{
661 test {\iffieldundef{relatedtype}}
662 and
663 test {\iffieldundef{relatedstring}}}
664 }
665 {\printtext{\bibstring{translationas}}}{}%
666 \printtext{\addspace}%
667 \relatedcite{\thefield{related}}}

```

We redefine the `begrelatedloop` macro to avoid nested parentheses in cascading related entries:

```

668 \renewbibmacro*{begrelatedloop}{%
669 \renewrobustcmd*{\mkpureparens}{\relatedpunct}%
670 \renewrobustcmd*{\mkpurebrackets}{\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.

```

671 \newbibmacro*{phil:related}{%
672 \iftoggle{bbx:related}
673   {\ifdefstring{bbx@relatedformat}{semicolon}}%
674   {\setunit{\relatedpunct}}%
675   {\setunit{\addspace}}%
676   \usebibmacro{related:init}%
677   \usebibmacro{related}}{}%

```

### 7.1.8 Bibliography drivers

```

678 \DeclareBibliographyDriver{article}{%
679 \usebibmacro{bibindex}%
680 \usebibmacro{begentry}%
681 \usebibmacro{author/translator+others}%
682 \setunit{\labelnamepunct}\newblock
683 \usebibmacro{title}%
684 \newunit
685 \printlist{language}%

```



```

686 \newunit\newblock
687 \usebibmacro{byauthor}%
688 \newunit\newblock
689 \usebibmacro{bytranslator+others}%
690 \newunit\newblock
691 \printfield{version}%
692 \newunit\newblock
693 \iftoggle{bbx:inbeforejournal}{\usebibmacro{in:}}{}%
694 \usebibmacro{journal+issuetitle}%
695 \newunit\newblock
696 \usebibmacro{byeditor+others}%
697 \newunit\newblock
698 \usebibmacro{note+pages}%
699 \newunit\newblock
700 \iftoggle{bbx:isbn}
701   {\printfield{issn}}
702   {}%
703 \newunit\newblock
704 \usebibmacro{doi+eprint+url}%
705 \newunit\newblock
706 \usebibmacro{addendum+pubstate:article-inbook-incoll}%
707 \newblock
708 \usebibmacro{phil:related}%
709 \newunit\newblock
710 \usebibmacro{pageref}%
711 \usebibmacro{finentry}}
712
713 \DeclareBibliographyDriver{book}{%
714   \usebibmacro{bibindex}%
715   \usebibmacro{begentry}%
716   \usebibmacro{author/editor+others/translator+others}%
717   \setunit{\labelnamepunct}\newblock
718   \usebibmacro{maintitle+title}%
719   \newunit
720   \printlist{language}%
721   \newunit\newblock
722   \usebibmacro{byauthor}%
723   \newunit\newblock
724   \usebibmacro{byeditor+others}%
725   \newunit\newblock
726   \printfield{edition}%
727   \newunit
728   \printfield{volumes}%
729   \newunit\newblock
730   \usebibmacro{series+number}%
731   \newunit\newblock
732   \printfield{note}%
733   \newunit\newblock
734   \usebibmacro{publisher+location+date}%
735   \newunit
736   \iffieldundef{maintitle}
737     {\printfield{volume}}%

```

```

738     \printfield{part}}
739   {}%
740 \newunit\newblock
741 \usebibmacro{chapter+pages}%
742 \newunit
743 \printfield{pagetotal}%
744 \newunit\newblock
745 \iftoggle{bbx:isbn}
746   {\printfield{isbn}}
747   {}%
748 \newunit\newblock
749 \usebibmacro{doi+eprint+url}%
750 \newunit\newblock
751 \usebibmacro{addendum+pubstate}%
752 \newblock
753 \usebibmacro{phil:related}%
754 \newunit\newblock
755 \usebibmacro{pageref}%
756 \usebibmacro{finentry}}
757
758 \DeclareBibliographyDriver{booklet}{%
759   \usebibmacro{bibindex}%
760   \usebibmacro{begentry}%
761   \usebibmacro{author/editor+others/translator+others}%
762   \setunit{\labelnamepunct}\newblock
763   \usebibmacro{title}%
764   \newunit
765   \printlist{language}%
766   \newunit\newblock
767   \usebibmacro{byauthor}%
768   \newunit\newblock
769   \usebibmacro{byeditor+others}%
770   \newunit\newblock
771   \printfield{howpublished}%
772   \newunit\newblock
773   \printfield{type}%
774   \newunit\newblock
775   \printfield{note}%
776   \newunit\newblock
777   \usebibmacro{location+date}%
778   \newunit\newblock
779   \usebibmacro{chapter+pages}%
780   \newunit
781   \printfield{pagetotal}%
782   \newunit\newblock
783   \usebibmacro{doi+eprint+url}%
784   \newunit\newblock
785   \usebibmacro{addendum+pubstate}%
786   \newblock
787   \usebibmacro{phil:related}%
788   \newunit\newblock
789   \usebibmacro{pageref}%

```

```

790 \usebibmacro{finentry}}
791
792 \DeclareBibliographyDriver{collection}{%
793 \usebibmacro{bibindex}%
794 \usebibmacro{begentry}%
795 \usebibmacro{editor+others}%
796 \setunit{\labelnamepunct}\newblock
797 \usebibmacro{maintitle+title}%
798 \newunit
799 \printlist{language}%
800 \newunit\newblock
801 \usebibmacro{byeditor+others}%
802 \newunit\newblock
803 \printfield{edition}%
804 \newunit
805 \iffieldundef{maintitle}
806 {\printfield{volume}%
807 \printfield{part}}
808 {}%
809 \newunit
810 \printfield{volumes}%
811 \newunit\newblock
812 \usebibmacro{series+number}%
813 \newunit\newblock
814 \printfield{note}%
815 \newunit\newblock
816 \usebibmacro{publisher+location+date}%
817 \newunit\newblock
818 \usebibmacro{chapter+pages}%
819 \newunit
820 \printfield{pagetotal}%
821 \newunit\newblock
822 \iftoggle{bbx:isbn}
823 {\printfield{isbn}}
824 {}%
825 \newunit\newblock
826 \usebibmacro{doi+eprint+url}%
827 \newunit\newblock
828 \usebibmacro{addendum+pubstate}%
829 \newblock
830 \usebibmacro{phil:related}%
831 \newunit\newblock
832 \usebibmacro{pageref}%
833 \usebibmacro{finentry}}
834
835 \DeclareBibliographyDriver{inbook}{%
836 \togglefalse{cbx:scauthorscite}%
837 \usebibmacro{bibindex}%
838 \usebibmacro{begentry}%
839 \usebibmacro{author/translator+others}%
840 \setunit{\labelnamepunct}\newblock
841 \usebibmacro{title}%

```

```

842 \newunit
843 \printlist{language}%
844 \newunit\newblock
845 \usebibmacro{byauthor}%
846 \newunit\newblock
847 \usebibmacro{in:}%
848 \iffieldundef{xref}%
849 {\iffieldundef{crossref}{\usebibmacro{inbook:full}}}%
850 {\bbx@crossref@inbook{\thefield{crossref}}}%
851 \newunit\newblock
852 \usebibmacro{crossrefdata}}}%
853 {\bbx@crossref@inbook{\thefield{xref}}}%
854 \newunit\newblock
855 \usebibmacro{xrefdata}}}%
856
857 \newbibmacro*{inbook:full}{%
858 \usebibmacro{bybookauthor}%
859 \newunit\newblock
860 \usebibmacro{maintitle+booktitle}%
861 \newunit\newblock
862 \usebibmacro{byeditor+others}%
863 \newunit\newblock
864 \printfield{edition}%
865 \newunit
866 \printfield{volumes}%
867 \newunit\newblock
868 \usebibmacro{series+number}%
869 \newunit\newblock
870 \printfield{note}%
871 \newunit\newblock
872 \usebibmacro{publisher+location+date}%
873 \newunit
874 \iffieldundef{maintitle}
875 {\printfield{volume}%
876 \printfield{part}}
877 {}%
878 \newunit\newblock
879 \usebibmacro{chapter+pages}%
880 \newunit\newblock
881 \iftoggle{bbx:isbn}
882 {\printfield{isbn}}
883 {}%
884 \newunit\newblock
885 \usebibmacro{doi+eprint+url}%
886 \newunit\newblock
887 \usebibmacro{addendum+pubstate:article-inbook-incoll}%
888 \newblock
889 \usebibmacro{phil:related}%
890 \newunit\newblock
891 \usebibmacro{pageref}%
892 \usebibmacro{finentry}}
893

```

```

894 \DeclareBibliographyDriver{incollection}{%
895 \togglefalse{cbx:scauthorscite}%
896 \usebibmacro{bibindex}%
897 \usebibmacro{begentry}%
898 \usebibmacro{author/translator+others}%
899 \setunit{\labelnamepunct}\newblock
900 \usebibmacro{title}%
901 \newunit
902 \printlist{language}%
903 \newunit\newblock
904 \usebibmacro{byauthor}%
905 \newunit\newblock
906 \usebibmacro{in:}%
907 \iffieldundef{xref}%
908 {\iffieldundef{crossref}{\usebibmacro{incollection:full}}}%
909 {\bbx@crossref@incollection{\thefield{crossref}}}%
910 \newunit\newblock
911 \usebibmacro{crossrefdata}}}%
912 {\bbx@crossref@incollection{\thefield{xref}}}%
913 \newunit\newblock
914 \usebibmacro{xrefdata}}}%
915
916 \newbibmacro*{incollection:full}{%
917 \usebibmacro{maintitle+booktitle}%
918 \newunit\newblock
919 \usebibmacro{byeditor+others}%
920 \newunit\newblock
921 \printfield{edition}%
922 \newunit
923 \printfield{volumes}%
924 \newunit\newblock
925 \usebibmacro{series+number}%
926 \newunit\newblock
927 \printfield{note}%
928 \newunit\newblock
929 \usebibmacro{publisher+location+date}%
930 \newunit
931 \iffieldundef{maintitle}
932 {\printfield{volume}%
933 \printfield{part}}
934 {}%
935 \newunit\newblock
936 \usebibmacro{chapter+pages}%
937 \newunit\newblock
938 \iftoggle{bbx:isbn}
939 {\printfield{isbn}}
940 {}%
941 \newunit\newblock
942 \usebibmacro{doi+eprint+url}%
943 \newunit\newblock
944 \usebibmacro{addendum+pubstate:article-inbook-incoll}%
945 \newblock

```

```

946 \usebibmacro{phil:related}%
947 \newunit\newblock
948 \usebibmacro{pageref}%
949 \usebibmacro{finentry}}
950
951 \DeclareBibliographyDriver{inproceedings}{%
952 \togglefalse{cbx:scauthorscite}%
953 \usebibmacro{bibindex}%
954 \usebibmacro{begentry}%
955 \usebibmacro{author/translator+others}%
956 \setunit{\labelnamepunct}\newblock
957 \usebibmacro{title}%
958 \newunit
959 \printlist{language}%
960 \newunit\newblock
961 \usebibmacro{byauthor}%
962 \newunit\newblock
963 \usebibmacro{in:}%
964 \iffieldundef{xref}%
965 {\iffieldundef{crossref}{\usebibmacro{inproceedings:full}}}%
966 {\bbx@crossref@incollection{\thefield{crossref}}}%
967 \newunit\newblock
968 \usebibmacro{crossrefdata}}}%
969 {\bbx@crossref@incollection{\thefield{xref}}}%
970 \newunit\newblock
971 \usebibmacro{xrefdata}}}}
972
973 \newbibmacro*{inproceedings:full}{%
974 \usebibmacro{maintitle+booktitle}%
975 \newunit\newblock
976 \usebibmacro{event+venue+date}%
977 \newunit\newblock
978 \usebibmacro{byeditor+others}%
979 \newunit
980 \printfield{volumes}%
981 \newunit\newblock
982 \usebibmacro{series+number}%
983 \newunit\newblock
984 \printfield{note}%
985 \newunit\newblock
986 \printlist{organization}%
987 \newunit
988 \usebibmacro{publisher+location+date}%
989 \newunit
990 \iffieldundef{maintitle}
991 {\printfield{volume}%
992 \printfield{part}}
993 {}%
994 \newunit\newblock
995 \usebibmacro{chapter+pages}%
996 \newunit\newblock
997 \iftoggle{bbx:isbn}

```

```

998     {\printfield{isbn}}
999     {}%
1000 \newunit\newblock
1001 \usebibmacro{doi+eprint+url}%
1002 \newunit\newblock
1003 \usebibmacro{addendum+pubstate:article-inbook-incoll}%
1004 \newblock
1005 \usebibmacro{phil:related}%
1006 \newunit\newblock
1007 \usebibmacro{pageref}%
1008 \usebibmacro{finentry}}
1009
1010 \DeclareBibliographyDriver{manual}{%
1011   \usebibmacro{bibindex}%
1012   \usebibmacro{begentry}%
1013   \usebibmacro{author/editor}%
1014   \setunit{\labelnamepunct}\newblock
1015   \usebibmacro{title}%
1016   \newunit
1017   \printlist{language}%
1018   \newunit\newblock
1019   \usebibmacro{byauthor}%
1020   \newunit\newblock
1021   \usebibmacro{byeditor}%
1022   \newunit\newblock
1023   \printfield{edition}%
1024   \newunit\newblock
1025   \usebibmacro{series+number}%
1026   \newunit\newblock
1027   \printfield{type}%
1028   \newunit
1029   \printfield{version}%
1030   \newunit
1031   \printfield{note}%
1032   \newunit\newblock
1033   \printlist{organization}%
1034   \newunit
1035   \usebibmacro{publisher+location+date}%
1036   \newunit\newblock
1037   \usebibmacro{chapter+pages}%
1038   \newunit
1039   \printfield{pagetotal}%
1040   \newunit\newblock
1041   \iftoggle{bbx:isbn}
1042     {\printfield{isbn}}
1043     {}%
1044   \newunit\newblock
1045   \usebibmacro{doi+eprint+url}%
1046   \newunit\newblock
1047   \usebibmacro{addendum+pubstate}%
1048   \newblock
1049   \usebibmacro{phil:related}%

```

```

1050 \newunit\newblock
1051 \usebibmacro{pageref}%
1052 \usebibmacro{finentry}}
1053
1054 \DeclareBibliographyDriver{misc}{%
1055   \usebibmacro{bibindex}%
1056   \usebibmacro{begentry}%
1057   \usebibmacro{author/editor+others/translator+others}%
1058   \setunit{\labelnamepunct}\newblock
1059   \usebibmacro{title}%
1060   \newunit
1061   \printlist{language}%
1062   \newunit\newblock
1063   \usebibmacro{byauthor}%
1064   \newunit\newblock
1065   \usebibmacro{byeditor+others}%
1066   \newunit\newblock
1067   \printfield{howpublished}%
1068   \newunit\newblock
1069   \printfield{type}%
1070   \newunit
1071   \printfield{version}%
1072   \newunit
1073   \printfield{note}%
1074   \newunit\newblock
1075   \usebibmacro{organization+location+date}%
1076   \newunit\newblock
1077   \usebibmacro{doi+eprint+url}%
1078   \newunit\newblock
1079   \usebibmacro{addendum+pubstate}%
1080   \newblock
1081   \usebibmacro{phil:related}%
1082   \newunit\newblock
1083   \usebibmacro{pageref}%
1084   \usebibmacro{finentry}}
1085
1086 \DeclareBibliographyDriver{online}{%
1087   \usebibmacro{bibindex}%
1088   \usebibmacro{begentry}%
1089   \usebibmacro{author/editor+others/translator+others}%
1090   \setunit{\labelnamepunct}\newblock
1091   \usebibmacro{title}%
1092   \newunit
1093   \printlist{language}%
1094   \newunit\newblock
1095   \usebibmacro{byauthor}%
1096   \newunit\newblock
1097   \usebibmacro{byeditor+others}%
1098   \newunit\newblock
1099   \printfield{version}%
1100   \newunit
1101   \printfield{note}%

```



```

1102 \newunit\newblock
1103 \printlist{organization}%
1104 \newunit\newblock
1105 \usebibmacro{date}%
1106 \newunit\newblock
1107 \iftoggle{bbx:eprint}
1108   {\usebibmacro{eprint}}
1109   {}%
1110 \newunit\newblock
1111 \usebibmacro{url+urldate}%
1112 \newunit\newblock
1113 \usebibmacro{addendum+pubstate}%
1114 \newblock
1115 \usebibmacro{phil:related}%
1116 \newunit\newblock
1117 \usebibmacro{pageref}%
1118 \usebibmacro{finentry}}
1119
1120 \DeclareBibliographyDriver{patent}{%
1121   \usebibmacro{bibindex}%
1122   \usebibmacro{begentry}%
1123   \usebibmacro{author}%
1124   \setunit{\labelnamepunct}\newblock
1125   \usebibmacro{title}%
1126   \newunit
1127   \printlist{language}%
1128   \newunit\newblock
1129   \usebibmacro{byauthor}%
1130   \newunit\newblock
1131   \printfield{type}%
1132   \setunit*{\addspace}%
1133   \printfield{number}%
1134   \iflistundef{location}
1135     {}
1136     {\setunit*{\addspace}%
1137       \printtext[parens]{%
1138         \printlist[][-\value{listtotal}]{location}}}%
1139   \newunit\newblock
1140   \usebibmacro{byholder}%
1141   \newunit\newblock
1142   \printfield{note}%
1143   \newunit\newblock
1144   \usebibmacro{date}%
1145   \newunit\newblock
1146   \usebibmacro{doi+eprint+url}%
1147   \newunit\newblock
1148   \usebibmacro{addendum+pubstate}%
1149   \newblock
1150   \usebibmacro{phil:related}%
1151   \newunit\newblock
1152   \usebibmacro{pageref}%
1153   \usebibmacro{finentry}}

```

```

1154
1155 \DeclareBibliographyDriver{periodical}{%
1156   \usebibmacro{bibindex}%
1157   \usebibmacro{begentry}%
1158   \usebibmacro{editor}%
1159   \setunit{\labelnamepunct}\newblock
1160   \usebibmacro{title+issuetitle}%
1161   \newunit
1162   \printlist{language}%
1163   \newunit\newblock
1164   \usebibmacro{byeditor}%
1165   \newunit\newblock
1166   \printfield{note}%
1167   \newunit\newblock
1168   \iftoggle{bbx:isbn}
1169     {\printfield{issn}}
1170     {}%
1171   \newunit\newblock
1172   \usebibmacro{doi+eprint+url}%
1173   \newunit\newblock
1174   \usebibmacro{addendum+pubstate}%
1175   \newblock
1176   \usebibmacro{phil:related}%
1177   \newunit\newblock
1178   \usebibmacro{pageref}%
1179   \usebibmacro{finentry}}
1180
1181 \DeclareBibliographyDriver{proceedings}{%
1182   \usebibmacro{bibindex}%
1183   \usebibmacro{begentry}%
1184   \usebibmacro{editor+others}%
1185   \setunit{\labelnamepunct}\newblock
1186   \usebibmacro{maintitle+title}%
1187   \newunit
1188   \printlist{language}%
1189   \newunit\newblock
1190   \usebibmacro{event+venue+date}%
1191   \newunit\newblock
1192   \usebibmacro{byeditor+others}%
1193   \newunit\newblock
1194   \iffieldundef{maintitle}
1195     {\printfield{volume}%
1196       \printfield{part}}
1197     {}%
1198   \newunit
1199   \printfield{volumes}%
1200   \newunit\newblock
1201   \usebibmacro{series+number}%
1202   \newunit\newblock
1203   \printfield{note}%
1204   \newunit\newblock
1205   \printlist{organization}%

```

```

1206 \newunit
1207 \usebibmacro{publisher+location+date}%
1208 \newunit\newblock
1209 \usebibmacro{chapter+pages}%
1210 \newunit
1211 \printfield{pagetotal}%
1212 \newunit\newblock
1213 \iftoggle{bbx:isbn}
1214   {\printfield{isbn}}
1215   {}%
1216 \newunit\newblock
1217 \usebibmacro{doi+eprint+url}%
1218 \newunit\newblock
1219 \usebibmacro{addendum+pubstate}%
1220 \newblock
1221 \usebibmacro{phil:related}%
1222 \newunit\newblock
1223 \usebibmacro{pageref}%
1224 \usebibmacro{finentry}}
1225
1226 \DeclareBibliographyDriver{report}{%
1227   \usebibmacro{bibindex}%
1228   \usebibmacro{begentry}%
1229   \usebibmacro{author}%
1230   \setunit{\labelnamepunct}\newblock
1231   \usebibmacro{title}%
1232   \newunit
1233   \printlist{language}%
1234   \newunit\newblock
1235   \usebibmacro{byauthor}%
1236   \newunit\newblock
1237   \printfield{type}%
1238   \setunit*{\addspace}%
1239   \printfield{number}%
1240   \newunit\newblock
1241   \printfield{version}%
1242   \newunit
1243   \printfield{note}%
1244   \newunit\newblock
1245   \usebibmacro{institution+location+date}%
1246   \newunit\newblock
1247   \usebibmacro{chapter+pages}%
1248   \newunit
1249   \printfield{pagetotal}%
1250   \newunit\newblock
1251   \iftoggle{bbx:isbn}
1252     {\printfield{isrn}}
1253     {}%
1254   \newunit\newblock
1255   \usebibmacro{doi+eprint+url}%
1256   \newunit\newblock
1257   \usebibmacro{addendum+pubstate}%

```

```

1258 \newblock
1259 \usebibmacro{phil:related}%
1260 \newunit\newblock
1261 \usebibmacro{pageref}%
1262 \usebibmacro{finentry}}
1263
1264 \DeclareBibliographyDriver{thesis}{%
1265   \usebibmacro{bibindex}%
1266   \usebibmacro{begentry}%
1267   \usebibmacro{author}%
1268   \setunit{\labelnamepunct}\newblock
1269   \usebibmacro{title}%
1270   \newunit
1271   \printlist{language}%
1272   \newunit\newblock
1273   \usebibmacro{byauthor}%
1274   \newunit\newblock
1275   \printfield{note}%
1276   \newunit\newblock
1277   \printfield{type}%
1278   \newunit
1279   \usebibmacro{institution+location+date}%
1280   \newunit\newblock
1281   \usebibmacro{chapter+pages}%
1282   \newunit
1283   \printfield{pagetotal}%
1284   \newunit\newblock
1285   \iftoggle{bbx:isbn}
1286     {\printfield{isbn}}
1287     {}%
1288   \newunit\newblock
1289   \usebibmacro{doi+eprint+url}%
1290   \newunit\newblock
1291   \usebibmacro{addendum+pubstate}%
1292   \newblock
1293   \usebibmacro{phil:related}%
1294   \newunit\newblock
1295   \usebibmacro{pageref}%
1296   \usebibmacro{finentry}}
1297
1298 \DeclareBibliographyDriver{unpublished}{%
1299   \usebibmacro{bibindex}%
1300   \usebibmacro{begentry}%
1301   \usebibmacro{author}%
1302   \setunit{\labelnamepunct}\newblock
1303   \usebibmacro{title}%
1304   \newunit
1305   \printlist{language}%
1306   \newunit\newblock
1307   \usebibmacro{byauthor}%
1308   \newunit\newblock
1309   \printfield{howpublished}%

```

```

1310 \newunit\newblock
1311 \printfield{note}%
1312 \newunit\newblock
1313 \usebibmacro{location+date}%
1314 \newunit\newblock
1315 \iftoggle{bbx:url}
1316   {\usebibmacro{url+urldate}}
1317   {}%
1318 \newunit\newblock
1319 \usebibmacro{addendum+pubstate}%
1320 \newblock
1321 \usebibmacro{phil:related}%
1322 \newunit\newblock
1323 \usebibmacro{pageref}%
1324 \usebibmacro{finentry}}
1325
1326 \DeclareBibliographyDriver{set}{%
1327 \savefield{annotation}{\@phil@nnote}%
1328 \clearfield{annotation}%
1329 \entryset{}{}%
1330 \newunit\newblock
1331 \restorefield{annotation}{\@phil@nnote}%
1332 \usebibmacro{pageref}%
1333 \usebibmacro{finentry}}
1334
1335 % reset order name/surname in the inbook:full entries
1336 \renewbibmacro*{bybookauthor}{%
1337   \ifnamesequal{author}{bookauthor}%
1338   {}%
1339   {\printnames[default]{bookauthor}}}%
1340
1341 \newbibmacro*{cross:maintitle+booktitle}{%
1342   \iffieldundef{volume}
1343   {}%
1344   {\printfield{volume}%
1345     \printfield{part}%
1346     \setunit{\addcolon\space}%
1347     \printfield{booktitle}}}%
1348
1349 \newbibmacro*{xrefdata}{%
1350   \usebibmacro{cross:maintitle+booktitle}%
1351   \newunit\newblock
1352   \usebibmacro{byeditor+others}%
1353   \newunit\newblock
1354   \printfield{edition}%
1355   \newunit
1356   \printfield{volumes}%
1357   \newunit\newblock
1358   \usebibmacro{series+number}%
1359   \newunit\newblock
1360   \printfield{note}%
1361   \newunit\newblock

```

```

1362 \usebibmacro{publisher+location+date}%
1363 \newunit\newblock
1364 \usebibmacro{chapter+pages}%
1365 \newunit\newblock
1366 \iftoggle{bbx:isbn}
1367   {\printfield{isbn}}
1368   {}%
1369 \newunit\newblock
1370 \usebibmacro{doi+eprint+url}%
1371 \newunit\newblock
1372 \usebibmacro{addendum+pubstate:article-inbook-incoll}%
1373 \newblock
1374 \usebibmacro{phil:related}%
1375 \newunit\newblock
1376 \usebibmacro{pageref}%
1377 \usebibmacro{finentry}}
1378
1379 \newbibmacro*{crossrefdata}{%
1380   \iffielddundef{maintitle}
1381     {\printfield{volume}}%
1382     {\printfield{part}}
1383   {}%
1384 \newunit\newblock
1385 \usebibmacro{chapter+pages}%
1386 \newunit\newblock
1387 \iftoggle{bbx:isbn}
1388   {\printfield{isbn}}
1389   {}%
1390 \newunit\newblock
1391 \usebibmacro{doi+eprint+url}%
1392 \newblock
1393 \usebibmacro{phil:related}%
1394 \newunit\newblock
1395 \usebibmacro{pageref}%
1396 \usebibmacro{finentry}}

```

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

```

1397 %\DeclareFieldFormat[jurisprudence]{title}{#1}
1398 %\DeclareFieldFormat[jurisprudence]{pages}{#1}
1399 %\ExecuteBibliographyOptions[jurisprudence]{skipbib=true}%
1400 \DeclareFieldFormat[jurisprudence]{volume}{\RN{#1}}
1401 \DeclareFieldFormat[jurisprudence]{number}{\bibsstring{number}~{#1}}
1402 \DeclareFieldFormat[jurisprudence]{nameaddon}{%
1403   \ifinteger{#1}{\bibcsstring{section}~\RN{#1}}{#1}}
1404 \DeclareFieldFormat[jurisprudence]{pages}{%
1405   \iffielddundef{bookpagination}{#1}{\mkpageprefix[bookpagination]{#1}}}
1406 \DeclareFieldFormat[jurisprudence]{title}{%
1407   \iffieldequalstr{entrysubtype}{international}{\emph{#1}}{#1}}
1408 \DeclareFieldFormat[jurisprudence]{notacomm}{nt\addoddspace#1}

```

A new macro to manage authors of @jurisdiction entries.

```

1409 \newbibmacro*{juris:author}{%

```

Use the default name format: “name surname”

```

1410 \DeclareNameAlias{sortname}{default}%
1411   \ifbool{expr}%
1412     test \ifuseauthor
1413     and
1414     not test {\ifnameundef{author}}
1415   }%
1416   {%
1417     \iffieldequalstr{type}{conclusions}{%
1418       \printtext{Conclusioni dell'Avv\adddotspace generale}%
1419       \setunit{\addspace}}}%
1420 \printnames{author}%
1421   \iffieldundef{authortype}
1422   {}
1423   {\setunit{\addcomma\space}%
1424 \usebibmacro{authorstrg}}}%
1425 {}%
1426 \iffieldequalstr{type}{conclusions}{%
1427   \setunit{\addspace}%
1428   \printtext{presentate il}%
1429   \setunit{\addspace}%
1430 }{%
1431   \setunit{\addcomma\space}%
1432   \iffieldundef{nameaddon}{}%
1433 \printtext{\printfield{nameaddon}}%
1434 \setunit{\addcomma\space}}}%
1435 }%
1436   \printeventdate}
1437
1438 \newbibmacro*{addendum+pubstate:juris}{%
1439   \printfield{usera}%notacomm
1440   \newunit\newblock
1441   \printfield{addendum}%
1442   \newunit\newblock
1443   \printfield{pubstate}%
1444   \ifdefstring{\bbx@origfields}{none}{}%
1445   \newunit\newblock
1446   \usebibmacro{origdata:article-inbook}}%
1447   \newunit\newblock
1448   \usebibmacro{library}}
1449
1450 \DeclareBibliographyDriver{jurisdiction}{%
1451   \usebibmacro{bibindex}%
1452   \usebibmacro{begentry}%
1453   \usebibmacro{juris:author}%
1454   \setunit{\labelnamepunct}\newblock
1455   \usebibmacro{title}%
1456   \newunit\newblock
1457   \usebibmacro{series+number}%
1458   \printlist{language}%
1459   \newunit\newblock
1460   \usebibmacro{byauthor}%

```

```

1461 \newunit\newblock
1462 \iffieldundef{booktitle}{}{}%
1463 \usebibmacro{in:}%
1464 \usebibmacro{maintitle+booktitle}%
1465 \newunit\newblock
1466 \printtext{%
1467 \printfield{labelyear}%
1468 \printfield{extrayear}}
1469 \usebibmacro{byeditor+others}%
1470 \newunit\newblock
1471 \printfield{edition}%
1472 \newunit
1473 % \iffieldundef{maintitle}
1474 {\printfield{volume}%
1475 \printfield{part}}
1476 {}%
1477 \newunit
1478 \printfield{volumes}%
1479 \newunit\newblock
1480 \printfield{note}%
1481 \newunit\newblock
1482 \usebibmacro{publisher+location+date}%
1483 \newunit\newblock
1484 \usebibmacro{chapter+pages}%
1485 \newunit\newblock
1486 \iftoggle{bbx:isbn}
1487 {\printfield{isbn}}
1488 {}%
1489 \newunit\newblock}
1490 \usebibmacro{doi+eprint+url}%
1491 \newunit\newblock
1492 \usebibmacro{addendum+pubstate:juris}%
1493 \newblock
1494 \usebibmacro{phil:related}%
1495 \newunit\newblock
1496 \usebibmacro{pageref}%
1497 \usebibmacro{finentry}}

```

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

```

1498 \DeclareStyleSourceMap{
1499 \maps[datatype=bibtex]{
1500 \map{
1501 \step[fieldsource=court , fieldtarget=author]
1502 \step[fieldsource=notacomm , fieldtarget=usera]
1503 \step[fieldsource=section , fieldtarget=nameaddon]
1504 \step[fieldsource=transdate , fieldtarget=origdate]
1505 \step[fieldsource=transtitle , fieldtarget=origtitle]
1506 \step[fieldsource=tranpublisher , fieldtarget=origpublisher]
1507 \step[fieldsource=translocation , fieldtarget=origlocation]
1508 \step[fieldsource=transbooktitle, fieldtarget=usera]
1509 \step[fieldsource=transnote , fieldtarget=userb]
1510 \step[fieldsource=transpages , fieldtarget=userc]

```



```

1511 \step[fieldsource=origbooktitle , fieldtarget=usera]
1512 \step[fieldsource=orignote , fieldtarget=userb]
1513 \step[fieldsource=origpages , fieldtarget=userc]
1514 }
1515 }
1516 }
1517 \DeclareDataInheritance{*}{*}{\noinherit{annotation}}
1518
1519 \DeclareFieldAlias[jurisdiction]{usera}[jurisdiction]{notacomm}
1520 \DeclareFieldAlias[jurisdiction]{nameaddon}[jurisdiction]{section}
1521 \DeclareFieldAlias[jurisdiction]{author}[jurisdiction]{court}
1522

```

## 7.2 philosophy-classic.bbx

### 7.2.1 Initial settings

```

1523 \RequireBibliographyStyle{authoryear}
1524 \RequireBibliographyStyle{philosophy-standard}
1525
1526 \newtoggle{bbx:square}
1527 \newtoggle{bbx:nodate}
1528
1529 \DeclareBibliographyOption{square}[true]{%
1530 \toggle{bbx:square}{#1}}
1531 \DeclareBibliographyOption{nodate}[true]{%
1532 \toggle{bbx:nodate}{#1}}
1533
1534 \ExecuteBibliographyOptions{%
1535 nodate = true,
1536 uniquename = false,
1537 pagetracker = true,
1538 singletitle = false,
1539 square = false,
1540 mergedate = basic,
1541 dashed = true,
1542 }

```

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

```

1543 \AtBeginShorthands{%
1544 \togglefalse{bbx:annotation}%
1545 \renewcommand{\labelnamepunct}{\addcomma\space}%
1546 \renewbibmacro*{relateddate}{%
1547 \setunit*{\addspace}%
1548 \printdate}%
1549 \renewbibmacro*{commarelateddate}{%
1550 \setunit*{\addcomma\space}%
1551 \printdate}%
1552 \DeclareCiteCommand{\bbx@crossref@inbook}

```

```

1553 {}%
1554 {\iffieldundef{shorthand}{%
1555 \usebibmacro{citeindex}%
1556 \ifuseeditor{%
1557 \ifthenelse{\value{listtotal}=2}%
1558 {\printnames[] [-\value{maxnamesincross}]{labelname}}%
1559 {\printnames[] [-\value{minnamesincross}]{labelname}}}%
1560 {\usebibmacro{labeltitle}}}%
1561 \setunit*{\addspace}%
1562 \usebibmacro{date+extrayear:crossref}}%
1563 {\usebibmacro{cite:shorthand}}}%
1564 {}%
1565 {}%
1566 \DeclareCiteCommand{\bbx@crossref@incollection}%
1567 {}%
1568 {\iffieldundef{shorthand}{%
1569 \usebibmacro{citeindex}%
1570 \ifuseeditor{%
1571 \ifthenelse{\value{listtotal}=2}%
1572 {\printnames[] [-\value{maxnamesincross}]{labelname}}%
1573 {\printnames[] [-\value{minnamesincross}]{labelname}}}%
1574 {\usebibmacro{labeltitle}}}%
1575 \setunit*{\addspace}%
1576 \usebibmacro{date+extrayear:crossref}}%
1577 {\usebibmacro{cite:shorthand}}}%
1578 {}%
1579 {}%
1580 \newbibmacro*{date+extrayear:crossref}{%
1581 \begingroup%
1582 \clearfield{month}%
1583 \clearfield{day}%
1584 \ifboolexpr{%
1585 test {\iffieldundef{date}}
1586 and
1587 test {\iffieldundef{year}}
1588 }%
1589 {\iftoggle{bbx:nodate}{\printtext[parens]{%
1590 \midsentence\bibstring{nodate}}{}}}%
1591 {\printtext[parens]{\printdateextra}}%
1592 \endgroup}%
1593 \newbibmacro*{date+extrayear}{}%
1594 % for article entries:
1595 \renewbibmacro*{date}{\printdate}%
1596 \renewbibmacro*{issue+date}{%
1597 \printtext[pureparens]{%
1598 \iffieldundef{issue}
1599 {\usebibmacro{date}}
1600 {\printfield{issue}}%
1601 \setunit*{\addspace}%
1602 \usebibmacro{date}}}%
1603 \newunit}
1604 }%

```

```

1605
1606 \AtBeginDocument{%
1607   \iftoggle{bbx:square}
1608     {\renewcommand{\bibopenparen}{\bibopenbracket}%
1609      \renewcommand{\bibcloseparen}{\bibclosebracket}}}%
1610   {}%
1611   \setcounter{maxnamesincross}{\value{maxnames}}%
1612   \setcounter{minnamesincross}{\value{minnames}}%
1613 }%
1614
1615 \AtEveryBibitem{%
1616   \iffieldequalstr{entrysubtype}{classic}{%
1617     \togglefalse{bbx:nodate}}}%
1618

```

### 7.2.2 New macros

Renew the bibliography macro 'relateddate' to delete the date at the end of the entry:

```

1619 \renewbibmacro*{relateddate}{}
1620 \renewbibmacro*{commarelateddate}{}

```

### Dates

```

1621 \renewbibmacro*{issue+date}{%
1622   \ifboolexpr{%
1623     test {\iffieldundef{issue}}
1624     and
1625     test {\iffieldundef{month}}}
1626   }%
1627   {%
1628     {\ifdefstring{\bbx@volnumformat}{parens}%
1629      {\printtext{%
1630        \printfield{issue}\setunit*{\addspace}%
1631        \printdate}}}%
1632     {\printtext[pureparens]{%
1633       \printfield{issue}\setunit*{\addspace}%
1634       \printdate}}}%
1635   \newunit}%

```

Delete “month” from \printdateextra to print open ranges such as: “1968-”:

```

1636 \renewbibmacro*{date+extrayear}{%
1637   \begingroup%
1638     \clearfield{month}%
1639     \clearfield{day}%
1640   \ifboolexpr{%
1641     test {\iffieldundef{date}}
1642     and
1643     test {\iffieldundef{year}}}
1644   }%
1645   {\iftoggle{bbx:nodate}{\printtext[parens]{%
1646     \midsentence\bibstring{nodate}}}{}}%
1647   {\printtext[parens]{\printdateextra}}%
1648   \endgroup}%

```

## Authors and editors

```

1649 \renewbibmacro*{author}{%
1650   \ifboolexpr{%
1651     test \ifuseauthor
1652     and
1653     not test {\ifnameundef{author}}
1654   }%
1655   {\usebibmacro{bbx:dashcheck}%
1656     {\bibnamedash}%
1657     {\usebibmacro{bbx:savehash}%
1658       \printnames{author}%
1659       \iffieldundef{nameaddon}{}%
1660       {\setunit{\addspace}%
1661         \printtext[brackets]{\printfield{nameaddon}}}%
1662 \iffieldundef{authortype}%
1663   {\setunit{\addspace}}%
1664   {\setunit{\addcomma\space}}}%
1665   \iffieldundef{authortype}%
1666   {}%
1667   {\usebibmacro{authorstrg}%
1668 \setunit{\addspace}}}%
1669   {\global\undef\bbx@lasthash%
1670     \usebibmacro{labeltitle}%
1671     \setunit*{\addspace}}%
1672   \usebibmacro{date+extrayear}}%
1673
1674 \renewbibmacro*{editor}{%
1675   \usebibmacro{bbx:editor}{editorstrg}}%
1676 \renewbibmacro*{editor+others}{%
1677   \usebibmacro{bbx:editor}{editor+othersstrg}}%
1678 \renewbibmacro*{bbx:editor}[1]{%
1679   \ifboolexpr{%
1680     test \ifuseeditor
1681     and
1682     not test {\ifnameundef{editor}}
1683   }%
1684   {\usebibmacro{bbx:dashcheck}%
1685     {\bibnamedash}%
1686     {\printnames{editor}%
1687 \setunit{\addspace}%
1688 \usebibmacro{bbx:savehash}}%
1689     \usebibmacro{#1}%
1690     \clearname{editor}%
1691     \setunit{\addspace}}%
1692   {\global\undef\bbx@lasthash%
1693     \usebibmacro{labeltitle}%
1694     \setunit*{\addspace}}%
1695   \usebibmacro{date+extrayear}}%

```

### 7.2.3 Internal commands for crossreferences

```

1696 \DeclareCiteCommand{\bbx@crossref@inbook}%

```

```

1697 {}%
1698 {\usebibmacro{citeindex}%
1699 \ifuseeditor{%
1700   \ifthenelse{\value{listtotal}=2}%
1701     {\printnames[] [-\value{maxnamesincross}]{\labelname}}%
1702     {\printnames[] [-\value{minnamesincross}]{\labelname}}}%
1703   {\usebibmacro{labeltitle}}}%
1704   \setunit*{\addspace}%
1705   \usebibmacro{date+extrayear}}}%
1706 {}%
1707 {}%
1708
1709 \DeclareCiteCommand{\bbx@crossref@incollection}%
1710 {}%
1711 {\usebibmacro{citeindex}%
1712 \ifuseeditor{%
1713   \ifthenelse{\value{listtotal}=2}%
1714     {\printnames[] [-\value{maxnamesincross}]{\labelname}}%
1715     {\printnames[] [-\value{minnamesincross}]{\labelname}}}%
1716   {\usebibmacro{labeltitle}}}%
1717   \setunit*{\addspace}%
1718   \usebibmacro{date+extrayear}}}%
1719 {}%
1720 {}%

```

The `restoreclassic` option is redundant for the `philosophy-classic` style. Anyway it is defined to avoid error messages:

```

1721 \define@key{blx@bib1}{restoreclassic}[]{}
1722 \define@key{blx@bib2}{restoreclassic}[true]{}

```

## 7.2.4 The `nodate` option for `\printbibliography`

```

1723 \define@key{blx@bib1}{nodate}[]{}%
1724 \define@key{blx@bib2}{nodate}[true]{}%
1725 \ifstrequal{#1}{false}{}%
1726 \togglefalse{bbx:nodate}%
1727 {}{}%

```

## 7.3 `philosophy-modern.bbx`

### 7.3.1 Initial settings

```

1728 \RequireBibliographyStyle{philosophy-classic}

```

The modern style has only one specific option which is turned off by default:

```

1729 \newtoggle{bbx:yearleft}
1730 \DeclareBibliographyOption{yearleft}[true]{}%
1731 \settoggle{bbx:yearleft}{#1}%
1732 \ExecuteBibliographyOptions{%
1733   yearleft=false}

```

### 7.3.2 New lengths

```

1734 \newlength{\yeartitle}
1735 \newlength{\postnamesep}
1736 \setlength{\yeartitle}{0.8em}

```

```

1737 \setlength{\postnamesep}{0.5ex plus 2pt minus 1pt}
1738 \setlength{\bibitemsep}{\postnamesep}
1739 \setlength{\bibnamesep}{1.5ex plus 2pt minus 1pt}
1740 \setlength{\bibhang}{4\parindent}
1741
1742 \AtBeginBibliography{%
1743 \iftoggle{bbx:yearleft}{%
1744 \setlength{\yeartitle}{\fill}}%
1745 {}

```

### 7.3.3 New commands

```

1746 \newcommand{\postsep}{\par\nobreak\vskip\postnamesep%
1747 \hskip-\bibhang\ignorespaces}
1748 \renewcommand{\labelnamepunct}{\}
1749
1750 \AtBeginShorthands{%
1751 \renewcommand{\postsep}{\addspace}%
1752 \renewcommand{\labelnamepunct}{\newunitpunct}}

```

### 7.3.4 New macros

#### Dates

```

1753 \renewbibmacro*{date+extrayear}{%
1754     \begingroup%
1755     \clearfield{month}%
1756     \clearfield{day}%
1757     \makebox[\bibhang][r]{\printtext{%
1758     \ifboolexpr{%
1759         test {\iffieldundef{date}}
1760         and
1761         test {\iffieldundef{year}}
1762     }%
1763     {\iftoggle{bbx:nodate}{\printtext{%
1764         \midsentence\bibstring{nodate}}{}}}%
1765     {\printtext{\printdateextra}}}%
1766     \hskip\yeartitle}}%
1767     \endgroup}%
1768
1769 \renewbibmacro*{labeltitle}{%
1770     \iffieldundef{label}%
1771     {\iffieldundef{shorttitle}%
1772     {\printfield{title}\clearfield{title}}%
1773     {\printfield[title]{shorttitle}}}%
1774     {\printtext{\printfield{label}}}%
1775 \postsep}

```

#### Authors and editors

```

1776 \renewbibmacro*{author}{%
1777     \ifboolexpr{%
1778         test \ifuseauthor
1779         and
1780         not test {\ifnameundef{author}}

```

```

1781 }%
1782 {\usebibmacro{bbx:dashcheck}%
1783   {}%
1784   {\usebibmacro{bbx:savehash}%
1785     \printnames{author}%
1786     \iffieldundef{nameaddon}{}%
1787     {\setunit{\addspace}%
1788       \printtext[brackets]{\printfield{nameaddon}}}%
1789     \iffieldundef{authortype}%
1790     {}%
1791     {\setunit{\addcomma\space}}%
1792     \usebibmacro{authorstrg}%
1793   \postsep}}%
1794   {\global\undef\bbx@lasthash%
1795     \usebibmacro{labeltitle}%
1796     \setunit*{\addspace}}%
1797   \usebibmacro{date+extrayear}}%
1798
1799 \renewbibmacro*{editor}{%
1800   \usebibmacro{bbx:editor}{editorstrg}}%
1801 \renewbibmacro*{editor+others}{%
1802   \usebibmacro{bbx:editor}{editor+othersstrg}}%
1803 \renewbibmacro*{bbx:editor}[1]{%
1804   \ifboolexpr{%
1805     test \ifuseeditor
1806     and
1807     not test {\ifnameundef{editor}}
1808   }%
1809   {\usebibmacro{bbx:dashcheck}%
1810     {}%
1811     {\printnames{editor}%
1812       \postsep%ADD
1813       \usebibmacro{bbx:savehash}}}%
1814   {\global\undef\bbx@lasthash%
1815     \usebibmacro{labeltitle}}%
1816   \usebibmacro{date+extrayear}%
1817   \iffieldundef{label}%
1818   {\usebibmacro{#1}%
1819     \clearname{editor}%
1820     \printtext{\addcomma\space}{}}}%

```

### 7.3.5 Internal commands for crossreferences

```

1821 \DeclareCiteCommand{\bbx@crossref@inbook}%
1822   {}%
1823   {\usebibmacro{citeindex}%
1824     \ifuseeditor{%
1825       \ifthenelse{\value{listtotal}=2}%
1826         {\printnames[][-\value{maxnamesincross}]{labelname}}%
1827         {\printnames[][-\value{minnamesincross}]{labelname}}}%
1828     {\usebibmacro{labeltitle}}%
1829     \setunit*{\addspace}%

```

```

1830 \usebibmacro{classic:date+extrayear}}%
1831 {}%
1832 {}%
1833
1834 \DeclareCiteCommand{\bbx@crossref@incollection}%
1835 {}%
1836 {\usebibmacro{citeindex}%
1837 \ifuseeditor{%
1838 \ifthenelse{\value{listtotal}=2}%
1839 {\printnames[][-\value{maxnamesincross}]{\labelname}}%
1840 {\printnames[][-\value{minnamesincross}]{\labelname}}}%
1841 {\usebibmacro{labeltitle}}}%
1842 \setunit*{\addspace}%
1843 \usebibmacro{classic:date+extrayear}}%
1844 {}%
1845 {}%
1846
1847 \newbibmacro*{classic:date+extrayear}{%
1848 \beginingroup%
1849 \clearfield{month}%
1850 \clearfield{day}%
1851 \ifboolexpr{%
1852 test {\iffieldundef{date}}
1853 and
1854 test {\iffieldundef{year}}
1855 }%
1856 {\iftoggle{bbx:nodate}{\printtext[parens]{%
1857 \midsentence\bibstring{nodate}}}{}}}%
1858 {\printtext[parens]{%
1859 \printfield{labelyear}%
1860 \printfield{extrayear}}}%
1861 \endgroup}%

```

### 7.3.6 The restoreclassic option

```

1862 \define@key{blx@bib1}{restoreclassic}[]{}
1863 \define@key{blx@bib2}{restoreclassic}[true]{%
1864 \ifstrequal{#1}{true}{%
1865 \setlength{\bibhang}{\parindent}%
1866 \renewcommand{\labelnamepunct}{\newunitpunct}%
1867 \renewbibmacro*{date+extrayear}{%
1868 \beginingroup%
1869 \clearfield{month}%
1870 \clearfield{day}%
1871 \ifboolexpr{%
1872 test {\iffieldundef{date}}
1873 and
1874 test {\iffieldundef{year}}
1875 }%
1876 {\iftoggle{bbx:nodate}{\printtext[parens]{%
1877 \midsentence\bibstring{nodate}}}{}}}%
1878 {\printtext[parens]{\printdateextra}}}%
1879 \endgroup}%

```



```

1880 \renewbibmacro*{author}{%
1881   \ifboolexpr{%
1882     test \ifuseauthor
1883     and
1884     not test {\ifnameundef{author}}
1885   }%
1886   {\usebibmacro{bbx:dashcheck}%
1887     {\bibnamedash}%
1888     {\usebibmacro{bbx:savehash}%
1889       \printnames{author}%
1890       \iffieldundef{nameaddon}{}%
1891       {\setunit{\addspace}%
1892         \printtext[brackets]{\printfield{nameaddon}}}%
1893 \iffieldundef{authortype}%
1894   {\setunit{\addspace}}%
1895   {\setunit{\addcomma\space}}}%
1896   \iffieldundef{authortype}%
1897   }%
1898   {\usebibmacro{authorstrg}%
1899 \setunit{\addspace}}}%
1900   {\global\undef\bbx@lasthash%
1901     \usebibmacro{labeltitle}%
1902     \setunit*{\addspace}}%
1903   \usebibmacro{date+extrayear}}%
1904 \renewbibmacro*{editor}{%
1905   \usebibmacro{bbx:editor}{editorstrg}}%
1906 \renewbibmacro*{editor+others}{%
1907   \usebibmacro{bbx:editor}{editor+othersstrg}}%
1908 \renewbibmacro*{bbx:editor}[1]{%
1909   \ifboolexpr{%
1910     test \ifuseeditor
1911     and
1912     not test {\ifnameundef{editor}}
1913   }%
1914   {\usebibmacro{bbx:dashcheck}%
1915     {\bibnamedash}%
1916     {\printnames{editor}%
1917 \setunit{\addspace}%
1918 \usebibmacro{bbx:savehash}}%
1919     \usebibmacro{#1}%
1920     \clearname{editor}%
1921     \setunit{\addspace}}%
1922   {\global\undef\bbx@lasthash%
1923     \usebibmacro{labeltitle}%
1924     \setunit*{\addspace}}%
1925   \usebibmacro{date+extrayear}}%
1926 \renewbibmacro*{labeltitle}{%
1927   \iffieldundef{label}%
1928   {\iffieldundef{shorttitle}%
1929     {\printfield{title}%
1930       \clearfield{title}}%
1931     {\printfield[title]{shorttitle}}}%

```

```

1932   {\printfield{label}}}%
1933 }{}%

```

## 7.4 philosophy-verbose.bbx

### 7.4.1 Initial settings

```

1934 \RequireBibliographyStyle{authortitle}
1935 \RequireBibliographyStyle{philosophy-standard}
1936
1937 \DeclareFieldFormat{edition}{%
1938   \ifinteger{#1}{%
1939     \ifdefstring{\bbx@editionformat}{arabic}
1940       {\mkbibordedition{#1}~\bibstring{edition}}
1941       {\ifdefstring{\bbx@editionformat}{Roman}%
1942         {\RN{#1}~\bibstring{edition}}%
1943         {\ifdefstring{\bbx@editionformat}{romansc}%
1944           {\textsc{\RN{#1}}~\bibstring{edition}}%
1945           {\ifdefstring{\bbx@editionformat}{roman}%
1946             {\RN{#1}~\bibstring{edition}}
1947             {\ifdefstring{\bbx@editionformat}{superscript}%
1948               {\mkbibsuperscript{#1}}%
1949               {\optionerror{editionformat}}}}}}{\#1}}\isdot??
1950
1951 \AtBeginShorthands{%

```

The annotation field is omitted in the list of shorthands:

```

1952   \togglefalse{\bbx:annotation}%

```

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

```

1953   \DeclareCiteCommand{\bbx@crossref@inbook}%
1954   {}%
1955   {\iffieldundef{shorthand}%
1956     {\usebibmacro{inbook:full}}%
1957     {\usebibmacro{cite:shorthand}}}%
1958   {}%
1959   {}%
1960 \DeclareCiteCommand{\bbx@crossref@incollection}%
1961   {}%
1962   {\iffieldundef{shorthand}%
1963     {\usebibmacro{incollection:full}}%
1964     {\usebibmacro{cite:shorthand}}}%
1965   {}%
1966   {}%
1967 }

```

### Authors and editors

```

1968 \renewbibmacro*{author}{%
1969   \ifboolexpr{%
1970     test \ifuseauthor
1971     and
1972     not test {\ifnameundef{author}}
1973   }%
1974   {\usebibmacro{bbx:dashcheck}%
1975     {\bibnamedash}%

```

```

1976      {\printnames{author}%
1977       \iffieldundef{nameaddon}{}}%
1978      {\setunit{\addspace}%
1979       \printtext[brackets]{\printfield{nameaddon}}}%
1980 \setunit{\addcomma\space}%
1981 \usebibmacro{bbx:savehash}}%
1982     \usebibmacro{authorstrg}}%
1983     {\global\undef\bbx@lasthash}}%
1984
1985 \renewbibmacro*{editor}{%
1986   \usebibmacro{bbx:editor}{editorstrg}}%
1987 \renewbibmacro*{editor+others}{%
1988   \usebibmacro{bbx:editor}{editor+othersstrg}}%
1989 \renewbibmacro*{bbx:editor}[1]{%
1990   \ifboolexpr{%
1991     test \ifuseeditor
1992     and
1993     not test {\ifnameundef{editor}}
1994   }%
1995     {\usebibmacro{bbx:dashcheck}%
1996      {\bibnamedash}%
1997      {\printnames{editor}%
1998 \setunit{\addspace}%
1999       \usebibmacro{bbx:savehash}}%
2000      \usebibmacro{#1}%
2001      \clearname{editor}}%
2002     {\global\undef\bbx@lasthash}}%

```

#### 7.4.2 Internal commands for crossreferences

```

2003 \newbibmacro*{nodash:author}{%
2004   \ifboolexpr{%
2005     test \ifuseauthor
2006     and
2007     not test {\ifnameundef{author}}
2008   }%
2009   {\printnames{author}%
2010    \iffieldundef{nameaddon}{}}%
2011    {\setunit{\addspace}%
2012     \printtext[brackets]{\printfield{nameaddon}}}%
2013 \setunit{\addcomma\space}%
2014   \usebibmacro{authorstrg}}%
2015   {\global\undef\bbx@lasthash}}
2016
2017 \newbibmacro*{nodash:editor+others}{%
2018   \usebibmacro{nodash:bbx:editor}{editor+othersstrg}}%
2019 \newbibmacro*{nodash:bbx:editor}[1]{%
2020   \ifboolexpr{%
2021     test \ifuseeditor
2022     and
2023     not test {\ifnameundef{editor}}
2024   }%

```

```

2025     {\printnames{editor}%
2026 \setunit{\addspace}%
2027     \usebibmacro{#1}%
2028     \clearname{editor}}%
2029     {\global\undef\bbx@lasthash}}
2030
2031 \newbibmacro*{nodash:author/editor+others/translator+others}{%
2032   \ifboolexpr{
2033     test \ifuseauthor
2034     and
2035     not test {\ifnameundef{author}}}
2036   }
2037   {\usebibmacro{nodash:author}}
2038   {\ifboolexpr{
2039     test \ifuseeditor
2040     and
2041     not test {\ifnameundef{editor}}}
2042   }
2043     {\usebibmacro{nodash:editor+others}}
2044     {\usebibmacro{translator+others}}}}
2045
2046 \renewbibmacro*{relateddate}{%
2047   \setunit*{\addspace}%
2048   \printdate\ifdefstring{\bbx@editionformat}{superscript}{\printfield{edition}}{}}
2049 \renewbibmacro*{commarelateddate}{%
2050   \setunit*{\addcomma\space}%
2051   \printdate\ifdefstring{\bbx@editionformat}{superscript}{\printfield{edition}}{}}
2052
2053 \DeclareBibliographyDriver{book}{%
2054   \usebibmacro{bibindex}%
2055   \usebibmacro{begentry}%
2056   \usebibmacro{author/editor+others/translator+others}%
2057   \setunit{\labelnamepunct}\newblock
2058   \usebibmacro{maintitle+title}%
2059   \newunit
2060   \printlist{language}%
2061   \newunit\newblock
2062   \usebibmacro{byauthor}%
2063   \newunit\newblock
2064   \usebibmacro{byeditor+others}%
2065   \newunit\newblock
2066   \ifdefstring{\bbx@editionformat}{superscript}{}%
2067   {\printfield{edition}}%
2068   \newunit}%
2069   \printfield{volumes}%
2070   \newunit\newblock
2071   \usebibmacro{series+number}%
2072   \newunit\newblock
2073   \printfield{note}%
2074   \newunit\newblock
2075   \usebibmacro{publisher+location+date}%
2076   \newunit

```

```

2077 \iffieldundef{maintitle}
2078   {\printfield{volume}%
2079    \printfield{part}}
2080   {}%
2081 \newunit\newblock
2082 \usebibmacro{chapter+pages}%
2083 \newunit
2084 \printfield{pagetotal}%
2085 \newunit\newblock
2086 \iftoggle{bbx:isbn}
2087   {\printfield{isbn}}
2088   {}%
2089 \newunit\newblock
2090 \usebibmacro{doi+eprint+url}%
2091 \newunit\newblock
2092 \usebibmacro{addendum+pubstate}%
2093 \newblock
2094 \usebibmacro{phil:related}%
2095 \newunit\newblock
2096 \usebibmacro{pageref}%
2097 \usebibmacro{finentry}}
2098
2099 \DeclareBibliographyDriver{collection}{%
2100   \usebibmacro{bibindex}%
2101   \usebibmacro{begentry}%
2102   \usebibmacro{editor+others}%
2103   \setunit{\labelnamepunct}\newblock
2104   \usebibmacro{maintitle+title}%
2105   \newunit
2106   \printlist{language}%
2107   \newunit\newblock
2108   \usebibmacro{byeditor+others}%
2109   \newunit\newblock
2110   \ifdefstring{\bbx@editionformat}{superscript}{}%
2111   {\printfield{edition}%
2112    \newunit}%
2113   \iffieldundef{maintitle}
2114     {\printfield{volume}%
2115      \printfield{part}}
2116     {}%
2117   \newunit
2118   \printfield{volumes}%
2119   \newunit\newblock
2120   \usebibmacro{series+number}%
2121   \newunit\newblock
2122   \printfield{note}%
2123   \newunit\newblock
2124   \usebibmacro{publisher+location+date}%
2125   \newunit\newblock
2126   \usebibmacro{chapter+pages}%
2127   \newunit
2128   \printfield{pagetotal}%

```

```

2129 \newunit\newblock
2130 \iftoggle{bbx:isbn}
2131   {\printfield{isbn}}
2132   {}%
2133 \newunit\newblock
2134 \usebibmacro{doi+eprint+url}%
2135 \newunit\newblock
2136 \usebibmacro{addendum+pubstate}%
2137 \newblock
2138 \usebibmacro{phil:related}%
2139 \newunit\newblock
2140 \usebibmacro{pageref}%
2141 \usebibmacro{finentry}}
2142
2143 \renewbibmacro*{inbook:full}{%
2144   \usebibmacro{bybookauthor}%
2145   \newunit\newblock
2146   \usebibmacro{maintitle+booktitle}%
2147   \newunit\newblock
2148   \usebibmacro{byeditor+others}%
2149   \newunit\newblock
2150   \ifdefstring{\bbx@editionformat}{superscript}{}%
2151   {\printfield{edition}%
2152     \newunit}%
2153   \printfield{volumes}%
2154   \newunit\newblock
2155   \usebibmacro{series+number}%
2156   \newunit\newblock
2157   \printfield{note}%
2158   \newunit\newblock
2159   \usebibmacro{publisher+location+date}%
2160   \newunit
2161   \iffieldundef{maintitle}
2162     {\printfield{volume}%
2163       \printfield{part}}
2164     {}%
2165   \newunit\newblock
2166   \usebibmacro{chapter+pages}%
2167   \newunit\newblock
2168   \iftoggle{bbx:isbn}
2169     {\printfield{isbn}}
2170     {}%
2171   \newunit\newblock
2172   \usebibmacro{doi+eprint+url}%
2173   \newunit\newblock
2174   \usebibmacro{addendum+pubstate:article-inbook-incoll}%
2175   \newblock
2176   \usebibmacro{phil:related}%
2177   \newunit\newblock
2178   \usebibmacro{pageref}%
2179   \usebibmacro{finentry}}
2180

```

```

2181 \renewbibmacro*{incollection:full}{%
2182 \usebibmacro{maintitle+booktitle}%
2183 \newunit\newblock
2184 \usebibmacro{byeditor+others}%
2185 \newunit\newblock
2186 \ifdefstring{\bbx@editionformat}{superscript}{}%
2187 {\printfield{edition}%
2188 \newunit}%
2189 \printfield{volumes}%
2190 \newunit\newblock
2191 \usebibmacro{series+number}%
2192 \newunit\newblock
2193 \printfield{note}%
2194 \newunit\newblock
2195 \usebibmacro{publisher+location+date}%
2196 \newunit
2197 \iffieldundef{maintitle}
2198 {\printfield{volume}%
2199 \printfield{part}}
2200 {}%
2201 \newunit\newblock
2202 \usebibmacro{chapter+pages}%
2203 \newunit\newblock
2204 \iftoggle{bbx:isbn}
2205 {\printfield{isbn}}
2206 {}%
2207 \newunit\newblock
2208 \usebibmacro{doi+eprint+url}%
2209 \newunit\newblock
2210 \usebibmacro{addendum+pubstate:article-inbook-incoll}%
2211 \newblock
2212 \usebibmacro{phil:related}%
2213 \newunit\newblock
2214 \usebibmacro{pageref}%
2215 \usebibmacro{finentry}}
2216
2217
2218 \DeclareBibliographyDriver{manual}{%
2219 \usebibmacro{bibindex}%
2220 \usebibmacro{begentry}%
2221 \usebibmacro{author/editor}%
2222 \setunit{\labelnamepunct}\newblock
2223 \usebibmacro{title}%
2224 \newunit
2225 \printlist{language}%
2226 \newunit\newblock
2227 \usebibmacro{byauthor}%
2228 \newunit\newblock
2229 \usebibmacro{byeditor}%
2230 \newunit\newblock
2231 \ifdefstring{\bbx@editionformat}{superscript}{}%
2232 {\printfield{edition}%

```

```

2233 \newunit\newblock}%
2234 \usebibmacro{series+number}%
2235 \newunit\newblock
2236 \printfield{type}%
2237 \newunit
2238 \printfield{version}%
2239 \newunit
2240 \printfield{note}%
2241 \newunit\newblock
2242 \printlist{organization}%
2243 \newunit
2244 \usebibmacro{publisher+location+date}%
2245 \newunit\newblock
2246 \usebibmacro{chapter+pages}%
2247 \newunit
2248 \printfield{pagetotal}%
2249 \newunit\newblock
2250 \iftoggle{bbx:isbn}
2251   {\printfield{isbn}}
2252   {}%
2253 \newunit\newblock
2254 \usebibmacro{doi+eprint+url}%
2255 \newunit\newblock
2256 \usebibmacro{addendum+pubstate}%
2257 \newblock
2258 \usebibmacro{phil:related}%
2259 \newunit\newblock
2260 \usebibmacro{pageref}%
2261 \usebibmacro{finentry}}
2262
2263 \newbibmacro*{usedriver:book}{%
2264   \usebibmacro{bibindex}%
2265   \usebibmacro{begentry}%
2266   \usebibmacro{nodash:author/editor+others/translator+others}%
2267   \setunit{\labelnamepunct}\newblock
2268   \usebibmacro{maintitle+title}%
2269   \newunit
2270   \printlist{language}%
2271   \newunit\newblock
2272   \usebibmacro{byauthor}%
2273   \newunit\newblock
2274   \usebibmacro{byeditor+others}%
2275   \newunit\newblock
2276   \ifdefstring{\bbx@editionformat}{superscript}{}%
2277   {\printfield{edition}%
2278     \newunit}%
2279   \printfield{volumes}%
2280   \newunit\newblock
2281   \usebibmacro{series+number}%
2282   \newunit\newblock
2283   \printfield{note}%
2284   \newunit\newblock

```



```

2285 \usebibmacro{publisher+location+date}%
2286 \newunit
2287 \iffieldundef{maintitle}
2288   {\printfield{volume}%
2289    \printfield{part}}
2290   {}%
2291 \newunit\newblock
2292 \usebibmacro{chapter+pages}%
2293 \newunit
2294 \printfield{pagetotal}%
2295 \newunit\newblock
2296 \iftoggle{bbx:isbn}
2297   {\printfield{isbn}}
2298   {}%
2299 \newunit\newblock
2300 \usebibmacro{doi+eprint+url}%
2301 \newunit\newblock
2302 \usebibmacro{addendum+pubstate}%
2303 \newblock
2304 \usebibmacro{phil:related}%
2305 \newunit\newblock
2306 \usebibmacro{pageref}%
2307 }
2308 \newbibmacro*{usedriver:collection}{%
2309   \usebibmacro{bibindex}%
2310   \usebibmacro{begentry}%
2311   \usebibmacro{nodash:editor+others}%
2312   \setunit{\labelnamepunct}\newblock
2313   \usebibmacro{maintitle+title}%
2314   \newunit
2315   \printlist{language}%
2316   \newunit\newblock
2317   \usebibmacro{byeditor+others}%
2318   \newunit\newblock
2319   \ifdefstring{\bbx@editionformat}{superscript}{}%
2320   {\printfield{edition}%
2321    \newunit}%
2322   \iffieldundef{maintitle}
2323     {\printfield{volume}%
2324      \printfield{part}}
2325     {}%
2326   \newunit
2327   \printfield{volumes}%
2328   \newunit\newblock
2329   \usebibmacro{series+number}%
2330   \newunit\newblock
2331   \printfield{note}%
2332   \newunit\newblock
2333   \usebibmacro{publisher+location+date}%
2334   \newunit\newblock
2335   \usebibmacro{chapter+pages}%
2336   \newunit

```

```

2337 \printfield{pagetotal}%
2338 \newunit\newblock
2339 \iftoggle{bbx:isbn}
2340   {\printfield{isbn}}
2341   {}%
2342 \newunit\newblock
2343 \usebibmacro{doi+eprint+url}%
2344 \newunit\newblock
2345 \usebibmacro{addendum+pubstate}%
2346 \newblock
2347 \usebibmacro{phil:related}%
2348 \newunit\newblock
2349 \usebibmacro{pageref}%
2350 }
2351 \DeclareCiteCommand{\bbx@crossref@inbook}%
2352   {}%
2353   {\ifciteseen{%
2354     \ifthenelse{\value{listtotal}=2}%
2355       {\printnames[] [-\value{maxnamesincross}]{labelname}}%
2356       {\printnames[] [-\value{minnamesincross}]{labelname}}%
2357     \setunit*{\addcomma\space}\printtext{%
2358       \printfield[citetitle]{labeltitle}%
2359       \iftoggle{cbx:commacit}{\setunit{\addcomma\space}}%
2360       {\setunit{\addspace\midsentence}}%
2361       \bibstring{cited}}}%
2362     {\DeclareNameAlias{sortname}{default}}%
2363     \usebibmacro{usedriver:book}}}%
2364   {}%
2365   {}%
2366 \DeclareCiteCommand{\bbx@crossref@incollection}%
2367   {}%
2368   {\ifciteseen{%
2369     \ifthenelse{\value{listtotal}=2}%
2370       {\printnames[] [-\value{maxnamesincross}]{labelname}}%
2371       {\printnames[] [-\value{minnamesincross}]{labelname}}%
2372     \setunit{\addspace}%
2373     \usebibmacro{editorstrg}%
2374     \setunit*{\addcomma\space}\printtext{%
2375       \printfield[citetitle]{labeltitle}%
2376       \iftoggle{cbx:commacit}{\setunit{\addcomma\space}}%
2377       {\setunit{\addspace\midsentence}}%
2378       \bibstring{cited}}}%
2379     {\DeclareNameAlias{sortname}{default}}%
2380     \usebibmacro{usedriver:collection}}}%
2381   {}%
2382   {}%

```

## 7.5 philosophy-classic.cbx

### 7.5.1 Initial settings

```

2383 \RequireCitationStyle{authoryear-comp}
2384

```

```

2385 \newtoggle{cbx:scauthorscite}
2386
2387 \DeclareBibliographyOption{scauthorscite}[true]{%
2388   \settoggle{cbx:scauthorscite}{#1}}
2389
2390 \ExecuteBibliographyOptions{%
2391   scauthorscite = false,
2392   citetracker = true,
2393 }
2394
2395 \AtEveryCite{%
2396   \iftoggle{cbx:scauthorscite}%
2397     {\let\mkbibnamefamily\mkbibsc%
2398      \let\mkbibnamegiven\mkbibsc%
2399      \let\mkbibnameprefix\mkbibsc%
2400      \let\mkbibnameaffix\mkbibsc%
2401      {}}%
2402
2403 \DeclareNameFormat{labelname}{%
2404   \nameparts{#1}%
2405 \bibhyperref{\ifcase\value{uniquename}%
2406   \usebibmacro{name:family}
2407     {\namepartfamily}
2408     {\namepartgiven}
2409     {\namepartprefix}
2410     {\namepartsuffix}%
2411   \or
2412   \ifuseprefix
2413     {\usebibmacro{name:given-family}
2414       {\namepartfamily}
2415       {\namepartgiveni}
2416       {\namepartprefix}
2417       {\namepartsuffixi}}
2418     {\usebibmacro{name:given-family}
2419       {\namepartfamily}
2420       {\namepartgiveni}
2421       {\namepartprefixi}
2422       {\namepartsuffixi}}%
2423   \or
2424   \usebibmacro{name:given-family}
2425     {\namepartfamily}
2426     {\namepartgiven}
2427     {\namepartprefix}
2428     {\namepartsuffix}%
2429   \fi
2430   \usebibmacro{name:andothers}}}
2431
2432 \newcommand{\switchclass}[2]{%
2433   \iffieldequalstr{entrysubtype}{classic}%
2434     {\usebibmacro{#1}}%
2435     {\usebibmacro{#2}}}

```

### 7.5.2 Author-title macros

Import the :AT macros from the authortitle-comp.cbx file.

```

2436 \newbibmacro*{cite:init:AT}{%
2437   \ifnumless{\value{multicitecount}}{2}
2438     {\global\boolfalse{cbx:parens}%
2439      \global\undef\cbx@lasthash}%
2440     {\iffieldundef{prenote}%
2441      {}%
2442      {\global\undef\cbx@lasthash}}}%
2443
2444 \newbibmacro*{cite:reinit:AT}{%
2445   \global\undef\cbx@lasthash}
2446
2447 \newbibmacro*{cite:AT}{%
2448   \iffieldundef{shorthand}
2449     {\iffieldequals{namehash}{\cbx@lasthash}
2450      {\setunit{\compcitedelim}}%
2451      {\ifnameundef{labelname}
2452       {}%
2453       {\printnames{labelname}%
2454        \setunit{\nametitledelim}}%
2455       \savefield{namehash}{\cbx@lasthash}}}%
2456     {\usebibmacro{cite:title:AT}}
2457     {\usebibmacro{cite:shorthand}%
2458     \usebibmacro{cite:reinit:AT}}}%
2459   \setunit{\multicitedelim}}
2460
2461 \newbibmacro*{citetitle:AT}{%
2462   \iffieldundef{shorthand}
2463     {\usebibmacro{cite:title:AT}}%
2464     {\usebibmacro{cite:shorthand}}}%
2465   \setunit{\multicitedelim}}
2466
2467 \newbibmacro*{textcite:AT}{%
2468   \iffieldequals{namehash}{\cbx@lasthash}
2469     {\setunit{\compcitedelim}}
2470     {\ifnameundef{labelname}
2471      {}%
2472      {\printnames{labelname}%
2473       \setunit{%
2474        \global\booltrue{cbx:parens}%
2475        \addspace\bibopenparen}}}%
2476     \savefield{namehash}{\cbx@lasthash}}}%
2477   \ifnumequal{\value{citecount}}{1}
2478     {\usebibmacro{prenote}}
2479     {}%
2480   \iffieldundef{shorthand}
2481     {\usebibmacro{cite:title:AT}}%
2482     {\iftoggle{cbx:shorthandintro}{%
2483      \ifciteseen%
2484      \usebibmacro{cite:shorthand}}}%

```

```

2485     {\usebibmacro{shorthandintro}}}%
2486     {\usebibmacro{cite:shorthand}}}%
2487 \setunit{%
2488   \ifbool{cbx:parens}
2489     {\bibcloseparen\global\boolfalse{cbx:parens}}
2490     {}%
2491   \multicitedelim}}
2492
2493 \newbibmacro*{cite:title:AT}{%
2494   \printtext[bibhyperref]{\printfield[citetitle]{labeltitle}}}
2495
2496 \newbibmacro*{textcite:postnote:AT}{%
2497   \ifnameundef{labelname}
2498     {\setunit{%
2499       \global\booltrue{cbx:parens}%
2500       \addspace\bibopenparen}}
2501     {\setunit{\postnotedelim}}}%
2502   \printfield{postnote}%
2503   \ifthenelse{\value{multicitecount}=\value{multicitetotal}}
2504     {\setunit{}%
2505       \printtext{%
2506         \ifbool{cbx:parens}
2507         {\bibcloseparen\global\boolfalse{cbx:parens}}
2508         {}}}
2509     {\setunit{%
2510       \ifbool{cbx:parens}
2511       {\bibcloseparen\global\boolfalse{cbx:parens}}
2512       {}%
2513       \multicitedelim}}}

```

### 7.5.3 Author-year macros

```

2514 \newbibmacro*{cite:init:AY}{%
2515   \ifnumless{\value{multicitecount}}{2}
2516     {\global\boolfalse{cbx:parens}%
2517       \global\undef\cbx@lasthash
2518       \global\undef\cbx@lastyear}
2519     {\iffieldundef{prenote}
2520       {}
2521       {\global\undef\cbx@lasthash
2522         \global\undef\cbx@lastyear}}}
2523
2524 \newbibmacro*{cite:reinit:AY}{%
2525   \global\undef\cbx@lasthash
2526   \global\undef\cbx@lastyear}
2527
2528 \newbibmacro*{cite:AY}{%
2529   \iffieldundef{shorthand}%
2530   {\usebibmacro{cite:noshorthand}}%
2531   {\iftoggle{cbx:shorthandintro}%
2532     {\ifciteseen{\usebibmacro{cite:shorthand}}%
2533       {\usebibmacro{cite:noshorthand}}%

```

```

2534 \usebibmacro{shorthandintro}}}%
2535 {\usebibmacro{cite:shorthand}}}%
2536 \usebibmacro{cite:reinit:AY}}%
2537 \setunit{\multicitedelim}%
2538
2539 \newbibmacro*{textcite:AY}{%
2540 \iffieldequals{namehash}{\cbx@lasthash}%
2541 {\iffieldundef{shorthand}%noshorthand
2542 {\ifthenelse{\iffieldequals{labelyear}{\cbx@lastyear}\AND
2543 \(\value{multicitecount}=0\OR\iffieldundef{postnote}\)}}%
2544 {\setunit{\addcomma}%
2545 \usebibmacro{cite:extrayear}}}%
2546 {\setunit{\compcitedelim}%
2547 \usebibmacro{cite:labelyear+extrayear}%
2548 \savefield{labelyear}{\cbx@lastyear}}}%
2549 {\setunit{\compcitedelim}%shorthand
2550 \iftoggle{cbx:shorthandintro}%
2551 {\ifciteseen
2552 {\usebibmacro{cite:shorthand}}}%
2553 {\ifthenelse{\iffieldequals{labelyear}{\cbx@lastyear}\AND
2554 \(\value{multicitecount}=0\OR\iffieldundef{postnote}\)}}%
2555 {\setunit{\addcomma}%
2556 \usebibmacro{cite:extrayear}}}%
2557 {\setunit{\compcitedelim}%
2558 \usebibmacro{cite:labelyear+extrayear}%
2559 \savefield{labelyear}{\cbx@lastyear}}}%
2560 \usebibmacro{shorthandintro}}}%
2561 {\usebibmacro{cite:shorthand}}}%
2562 \global\undef\cbx@lastyear}}%
2563 {\ifnameundef{labelname}%
2564 {\iffieldundef{shorthand}%shorthand
2565 {\usebibmacro{cite:label}%
2566 \setunit{%
2567 \global\booltrue{cbx:parens}%
2568 \addspace\bibopenparen}%
2569 \ifnumequal{\value{citecount}}{1}%
2570 {\usebibmacro{prenote}}}%
2571 {\usebibmacro{cite:shorthand}}}%
2572 \usebibmacro{cite:labelyear+extrayear}}}%
2573 {\iftoggle{cbx:shorthandintro}%
2574 {\ifciteseen%shorthand
2575 {\usebibmacro{cite:shorthand}}}%
2576 {\usebibmacro{cite:label}%
2577 \setunit{%
2578 \global\booltrue{cbx:parens}%
2579 \addspace\bibopenparen}%
2580 \ifnumequal{\value{citecount}}{1}%
2581 {\usebibmacro{prenote}}}%
2582 {\usebibmacro{cite:shorthand}}}%
2583 \usebibmacro{cite:labelyear+extrayear}%
2584 \usebibmacro{shorthandintro}}}%
2585 {\usebibmacro{cite:shorthand}}}%

```

```

2586      {\printnames{labelname}}%
2587 \setunit{%
2588   \global\booltrue{cbx:parens}%
2589   \addspace\bibopenparen}%
2590 \ifnumequal{\value{citecount}}{1}%
2591   {\usebibmacro{prenote}}%
2592   {%
2593     \iffieldundef{shorthand}%noshorthand
2594     {\iffieldundef{labelyear}%
2595      {\usebibmacro{cite:label}}%
2596      {\usebibmacro{cite:labelyear+extrayear}}%
2597      \savefield{labelyear}{\cbx@lastyear}}%
2598     {\iftoggle{cbx:shorthandintro}%
2599      {\ifciteseen%
2600       {\usebibmacro{cite:shorthand}}%
2601       {\iffieldundef{labelyear}%
2602        {\usebibmacro{cite:label}}%
2603        {\usebibmacro{cite:labelyear+extrayear}}%
2604        \savefield{labelyear}{\cbx@lastyear}%
2605        \usebibmacro{shorthandintro}}%
2606        \global\undef\cbx@lastyear}%
2607        {\usebibmacro{cite:shorthand}}}%
2608      \savefield{namehash}{\cbx@lasthash}}}%
2609 \setunit{%
2610   \ifbool{cbx:parens}%
2611     {\bibcloseparen\global\boolfalse{cbx:parens}}%
2612     {%
2613       \multicitedelim}}%
2614
2615 \newbibmacro*{textcite:postnote:AY}{%
2616   \usebibmacro{postnote}%
2617   \ifthenelse{\value{multicitecount}=\value{multicitetotal}}
2618     {\setunit{%
2619       \printtext{%
2620         \ifbool{cbx:parens}
2621         {\bibcloseparen\global\boolfalse{cbx:parens}}
2622         {}}}%
2623       {\setunit{%
2624         \ifbool{cbx:parens}
2625         {\bibcloseparen\global\boolfalse{cbx:parens}}
2626         {}}}%
2627       \multicitedelim}}}

```

The `cite:shorthand` is the same for both author-title and author-year styles:

```

2628 \renewbibmacro*{cite:shorthand}{%
2629   \printtext[bibhyperref]{\printfield{shorthand}}}

```

If the field `entrysubtype` equals to `classic` the citation commands will use the author-title macros:

```

2630 \renewbibmacro*{cite:init}{%
2631   \switchclass{cite:init:AT}{cite:init:AY}}
2632 \renewbibmacro*{cite:reinit}{%
2633   \switchclass{cite:reinit:AT}{cite:reinit:AY}}
2634 \renewbibmacro*{cite}{%

```

```

2635 \switchclass{cite:AT}{cite:AY}}
2636 \renewbibmacro*{textcite}{%
2637 \switchclass{textcite:AT}{textcite:AY}}
2638 \renewbibmacro*{textcite:postnote}{%
2639 \switchclass{textcite:postnote:AT}{textcite:postnote:AY}}
2640
2641 \newbibmacro*{cite:noshorthand}{%
2642 \ifthenelse{\ifnameundef{labelname}\OR\iffielddundef{labelyear}}{%
2643 \usebibmacro{cite:label}%
2644 \setunit{\addspace}%
2645 \usebibmacro{cite:labelyear+extrayear}%
2646 \usebibmacro{cite:reinit}}%
2647 {\iffieldequals{namehash}{\cbx@lasthash}%
2648 {\ifthenelse{\iffieldequals{labelyear}{\cbx@lastyear}\AND
2649 \(\value{multicitecount}=0\OR\iffielddundef{postnote}\)}}%
2650 {\setunit{\addcomma}%
2651 \usebibmacro{cite:extrayear}}%
2652 {\setunit{\compitedelim}%
2653 \usebibmacro{cite:labelyear+extrayear}%
2654 \savefield{labelyear}{\cbx@lastyear}}}%
2655 {\printnames{labelname}%
2656 \setunit{\nameyear delim}%
2657 \usebibmacro{cite:labelyear+extrayear}%
2658 \savefield{namehash}{\cbx@lasthash}%
2659 \iffielddundef{postnote}%
2660 {\savefield{labelyear}{\cbx@lastyear}}}}}}

```

#### 7.5.4 Citation commands

```

2661 \DeclareCiteCommand*\cite{
2662 {\usebibmacro{cite:init}%
2663 \usebibmacro{prenote}}
2664 {\usebibmacro{citeindex}%
2665 \switchclass{citetitle:AT}{citeyear}}%
2666 {}
2667 {\usebibmacro{postnote}}
2668
2669 \DeclareCiteCommand*\parencite[\mkbbibparens]
2670 {\usebibmacro{cite:init}%
2671 \usebibmacro{prenote}}
2672 {\usebibmacro{citeindex}%
2673 \switchclass{citetitle:AT}{citeyear}}
2674 {}
2675 {\usebibmacro{postnote}}
2676
2677 \DeclareCiteCommand{\citetitle}
2678 {\boolfalse{citetracker}%
2679 \boolfalse{pagetracker}%
2680 \usebibmacro{prenote}}
2681 {\indexfield{indextitle}%
2682 \printtext[bibhyperref]{\printfield[citetitle]{labeltitle}}}
2683 {\multicitedelim}
2684 {\usebibmacro{postnote}}

```



```

2685
2686 \DeclareCiteCommand*{\citetitle}
2687   {\boolfalse{citetracker}%
2688    \boolfalse{pagetracker}%
2689    \usebibmacro{prenote}}
2690   {\indexfield{indextitle}%
2691    \printtext[bibhyperref]{\printfield[citetitle]{title}}}
2692   {\multicitedelim}
2693   {\usebibmacro{postnote}}
2694
2695 \DeclareCiteCommand{\citeyear}
2696   {\boolfalse{citetracker}%
2697    \boolfalse{pagetracker}%
2698    \usebibmacro{prenote}}
2699   {\printtext[bibhyperref]{\printfield{year}}}
2700   {\multicitedelim}
2701   {\usebibmacro{postnote}}
2702
2703 \DeclareCiteCommand{\footcitet}{\mkbibfootnote}
2704   {\usebibmacro{cite:init}}
2705   {\usebibmacro{citeindex}%
2706    \usebibmacro{textcite}}
2707   {}%
2708   {\usebibmacro{textcite:postnote}}

```

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

```

2709 \DeclareCiteCommand{\sdcite}
2710   {\boolfalse{citetracker}%
2711    \boolfalse{pagetracker}%
2712    \usebibmacro{prenote}}
2713   {\indexnames{labelname}%
2714    \printtext[bibhyperref]{\printnames{labelname}}%
2715    \setunit{\addcomma\space}%
2716    \indexfield{indextitle}%
2717    \printtext[bibhyperref]{\printfield[citetitle]{labeltitle}}}
2718   {\multicitedelim}
2719   {\usebibmacro{postnote}}

```

## 7.6 philosophy-modern.cbx

The modern style uses the classic citation scheme:

```

2720 \RequireCitationStyle{philosophy-classic}

```

The `\fullcite` command simply prints the bibliography entry supplied by the style used. So we have to redefine this command in order to get the same output as that produced in the `philosophy-classic` style:

```

2721 \DeclareCiteCommand{\fullcite}%
2722   {\usebibmacro{prenote}}%
2723   {\setkeys{blx@bib2}{restoreclassic}%
2724    \usedriver%
2725     {\DeclareNameAlias{sortname}{default}}%
2726     {\thefield{entrytype}}}%

```

```

2727 {\multicitedelim}%
2728 {\usebibmacro{postnote}}%

```

## 7.7 philosophy-verbose.cbx

### 7.7.1 Initial settings

```

2729 \RequireCitationStyle{verbose-trad2}
2730
2731 \newtoggle{cbx:scauthorscite}
2732 \newtoggle{cbx:latinemph}
2733 \newtoggle{cbx:commacit}
2734
2735 \DeclareBibliographyOption{scauthorscite}[true]{%
2736   \settoggle{cbx:scauthorscite}{#1}}
2737 \DeclareBibliographyOption{latinemph}[true]{%
2738   \settoggle{cbx:latinemph}{#1}}
2739 \DeclareBibliographyOption{commacit}[true]{%
2740   \settoggle{cbx:commacit}{#1}}
2741
2742 \ExecuteBibliographyOptions{%
2743   idemtracker=false,
2744   loccittracker=strict,
2745   scauthorscite=false,
2746   latinemph=false,
2747   commacit=false}
2748
2749 \AtEveryCite{%

```

The annotation field is omitted in every citations:

```

2750 \togglefalse{bbx:annotation}%

```

Redefine `\mkibid` for every citations when using the `latinemph` option:

```

2751 \iftoggle{cbx:latinemph}{\renewcommand*{\mkibid}{\emph}}{}%

```

### Name formats

```

2752 \renewbibmacro*{name:andothers}{%
2753   \ifboolexpr{%
2754     test {\ifnumequal{\value{listcount}}{\value{liststop}}}%
2755     and
2756     test \ifmorenames
2757   }%
2758   {\ifnumgreater{\value{liststop}}{1}%
2759     {\finalandcomma}%
2760     {}%
2761     \andothersdelim\bibstring[\mkibid]{andothers}}%
2762   {}}%
2763 \renewbibmacro*{list:andothers}{%
2764   \ifboolexpr{%
2765     test {\ifnumequal{\value{listcount}}{\value{liststop}}}%
2766     and
2767     test \ifmoreitems
2768   }%
2769   {\ifnumgreater{\value{liststop}}{1}%

```

```

2770      {\finalandcomma}%
2771      }%
2772      \andmoredelim\bibstring[\mkibid]{andmore}}%
2773      {}}%
2774 \iftoggle{cbx:scauthorcite}{%
2775 \DeclareNameFormat{labelname}{%
2776 \iffootnote{%
2777     \let\mkbibnamefamily\mkbibsc%
2778     \let\mkbibnamegiven\mkbibsc%
2779     \let\mkbibnameprefix\mkbibsc%
2780     \let\mkbibnameaffix\mkbibsc}{}%
2781 \nameparts{#1}%
2782 \ifcase\value{uniquename}%
2783     \usebibmacro{name:family}%
2784         {\namepartfamily}%
2785         {\namepartgiven}%
2786         {\namepartprefix}%
2787         {\namepartsuffix}%
2788 \or
2789     \ifuseprefix
2790         {\usebibmacro{name:given-family}%
2791             {\namepartfamily}%
2792             {\namepartgiveni}%
2793             {\namepartprefix}%
2794             {\namepartsuffixi}}%
2795         {\usebibmacro{name:given-family}%
2796             {\namepartfamily}%
2797             {\namepartgiveni}%
2798             {\namepartprefixi}%
2799             {\namepartsuffixi}}%
2800 \or
2801     \usebibmacro{name:given-family}%
2802         {\namepartfamily}%
2803         {\namepartgiven}%
2804         {\namepartprefix}%
2805         {\namepartsuffix}%
2806 \fi
2807 \usebibmacro{name:andothers}}}%
2808 }{}%
2809 \DeclareNameFormat{scdefault}{%
2810 \iffootnote{%
2811     \let\mkbibnamefamily\mkbibsc%
2812     \let\mkbibnamegiven\mkbibsc%
2813     \let\mkbibnameprefix\mkbibsc%
2814     \let\mkbibnameaffix\mkbibsc}{}%
2815 \nameparts{#1}%
2816 \ifgiveninits
2817     {\usebibmacro{name:given-family}%
2818         {\namepartfamily}%
2819         {\namepartgiveni}%
2820         {\namepartprefix}%
2821         {\namepartsuffix}}%

```

```

2822 {\usebibmacro{name:given-family}%
2823      {\namepartfamily}%
2824      {\namepartgiven}%
2825      {\namepartprefix}%
2826      {\namepartsuffix}}%
2827 \usebibmacro{name:andothers}}%

```

### 7.7.2 New macros

```

2828 \newbibmacro*{cite:opcit}{%
2829   \printtext[bibhyperlink]{\bibstring[\mkibid]{opcit}}%
2830
2831 \newbibmacro*{cite:loccit}{%
2832   \printtext{%
2833     \bibhyperlink{cite\csuse{cbx@lastcite@thefield{entrykey}}}{%
2834       \bibstring[\mkibid]{loccit}}}%
2835   \global\toggletrue{cbx:loccit}}
2836
2837 \renewbibmacro*{cite:ibid}{%
2838   \ifloccit
2839     {\usebibmacro{cite:loccit}}{%
2840     \printtext{%
2841       \bibhyperlink{cite\csuse{cbx@lastcite@thefield{entrykey}}}{%
2842         \bibstring[\mkibid]{ibidem}}}}}%
2843
2844 \renewbibmacro*{cite:title}{%OK
2845   \ifsingletitle{\usebibmacro{cite:opcit}}{%
2846     \printtext[bibhyperlink]{%
2847       \printfield[citetitle]{labeltitle}%
2848       \iftoggle{cbx:commacit}{\setunit{\addcomma\space}}%
2849       {\setunit{\addspace\midsentence}}}%
2850     \bibstring{cited}}}%
2851
2852 \renewbibmacro*{cite:full}{%OK
2853   \iftoggle{cbx:shorthandintro}{%
2854     \usebibmacro{cite:full:citepages}%
2855     \global\toggletrue{cbx:fullcite}%
2856     \printtext[bibhypertarget]{%
2857       \usedriver
2858         {\iftoggle{cbx:scauthorscite}{%
2859           \DeclareNameAlias{sortname}{scdefault}}%
2860         {\DeclareNameAlias{sortname}{default}}}%
2861       {\thefield{entrytype}}}%
2862     \usebibmacro{shorthandintro}}%
2863   {\usebibmacro{cite:shorthand}}}%
2864
2865
2866 \renewbibmacro*{cite:idem}{%
2867   \iftoggle{cbx:scauthorscite}{%
2868     \bibstring[\mkbibsc]{idem\thefield{gender}}}%
2869     \bibstring[\mkibid]{idem\thefield{gender}}}%
2870   \setunit{\nametitledelim}}

```

```

2871
2872 \newbibmacro*{ccite:cite}{%
2873 \usebibmacro{related:clearauthors}%
2874 \usebibmacro{cite:citepages}%
2875 \global\togglefalse{cbx:fullcite}%
2876 \global\togglefalse{cbx:loccit}%
2877 \bibhypertarget{cite\the\value{instcount}}{[%
2878 \ifciteseen
2879     {\iffieldundef{shorthand}
2880      {\usebibmacro{cite:title}}%
2881 \usebibmacro{cite:save}}
2882     {\usebibmacro{cite:shorthand}}}%
2883     {\usebibmacro{cite:full}}%
2884     \usebibmacro{cite:save}}}%

```

### 7.7.3 Citation commands

```

2885 \DeclareCiteCommand{\ccite}
2886 {\usebibmacro{prenote}}%
2887 {\usebibmacro{citeindex}%
2888  \usebibmacro{ccite:cite}}
2889 {\multicitedelim}
2890 {\usebibmacro{cite:postnote}}
2891 \DeclareCiteCommand{\fullcite}
2892 {\usebibmacro{prenote}}
2893 {\usedriver
2894  {\iftoggle{cbx:scauthorscite}%
2895   {\DeclareNameAlias{sortname}{scdefault}}%
2896   {\DeclareNameAlias{sortname}{default}}}%
2897  {\thefield{entrytype}}}
2898 {\multicitedelim}
2899 {\usebibmacro{postnote}}

```

## 7.8 italian-philosophy.lbx

```

2900 \InheritBibliographyExtras{italian}
2901
2902 \DeclareBibliographyExtras{%
2903 \protected\def\bibrangedash{%
2904     -\penalty\hyphenpenalty}%
2905 \protected\def\bibdatedash{\textendash}%
2906
2907 \NewBibliographyString{origed,cited}
2908
2909 \DeclareBibliographyStrings{%
2910 inherit          = {italian},
2911 cited            = {{cit\addot}{cit\addot}},
2912 origed           = {{ed\addot\space orig\addot}{ed\addot\space orig\addot}},
2913 nodate           = {{senza data}{s\addot\space d\addot}},
2914 opcit            = {{op\addot\space cit\addot}{op\addot\space cit\addot}},
2915 ibidem           = {{ivi}{ivi}},
2916 loccit           = {{ibidem}{ibidem}},
2917 editor           = {{a cura di}{a cura di}},
2918 editors          = {{a cura di}{a cura di}},

```

```

2919 reviewof      = {{recensione di}{recensione di}},
2920 byreviser      = {{revisione di}{revisione di}},
2921 backrefpage    = {{Citato a pagina}{Citato a \bibsstring{page}\addot}},
2922 backrefpages   = {{Citato alle pagine}{Citato alle \bibsstring{pages}\addot}},
2923 pages         = {{pagine}{\iftoggle{bbx:classical}{pp\addot}{p\addot}}},
2924 columns       = {{colonne}{\iftoggle{bbx:classical}{coll\addot}{col\addot}}},
2925 lines         = {{righe}{\iftoggle{bbx:classical}{rr\addot}{r\addot}}},
2926 verses        = {{versi}{\iftoggle{bbx:classical}{vv\addot}{v\addot}}},
2927 section       = {{sezione}{sez\addot}},
2928 sections      = {{sezioni}{\iftoggle{bbx:classical}{sezz\addot}{sez\addot}}},
2929 paragraphs    = {{paragrafi}{\iftoggle{bbx:classical}{parr\addot}{par\addot}}},
2930 volumes       = {{volumi}{\iftoggle{bbx:classical}{voll\addot}{vol\addot}}},
2931 withcommentator = {{commenti di}{commenti di}},
2932 withannotator  = {{annotazioni di}{annotazioni di}},
2933 withinintroduction = {{introduzione di}{introduzione di}},
2934 withforeword  = {{prefazione di}{prefazione di}},
2935 withafterword  = {{postfazione di}{postfazione di}},
2936 translationof  = {{traduzione di}{trad\addotsspace di}},
2937 translationas  = {{traduzione italiana}{trad\addotsspace it\addot}}
2938 }

```

## 7.9 english-philosophy.lbx

```

2939 \InheritBibliographyExtras{english}
2940
2941 \DeclareBibliographyExtras{%
2942 \protected\def\bibrangedash{%
2943   -\penalty\hyphenpenalty}%
2944 \protected\def\bibdatedash{\textendash}}%
2945
2946 \NewBibliographyString{cited,origed}
2947
2948 \DeclareBibliographyStrings{%
2949 inherit      = {english},
2950 origed      = {{orig\addotsspace ed\addot}{orig\addotsspace ed\addot}},
2951 cited       = {{cit\addot}{cit\addot}},
2952 nodate      = {{no date}{n\addot d\addot}},
2953 ibidem      = {{ibid\addot}{ibid\addot}},
2954 loccit      = {{ibid\addot}{ibid\addot}},
2955 editor      = {{ed\addot}{ed\addot}},
2956 editors     = {{eds\addot}{eds\addot}},
2957 reviewof    = {{Review of}{Review of}},
2958 translationas = {{trans\addot}{trans\addot}},
2959 backrefpage  = {{cited on page}{cited on p\addot}},
2960 backrefpages = {{cited on pages}{cited on pp\addot}}
2961 }

```

## 7.10 spanish-philosophy.lbx

Thanks to Eduardo Villegas for these translations.

```

2962 %
2963 % Thanks to Eduardo Villegas for these translations.
2964 %

```

```

2965 \InheritBibliographyExtras{spanish}
2966
2967 \DeclareBibliographyExtras{%
2968 \protected\def\bibrangedash{%
2969     -\penalty\hyphenpenalty}%
2970 \protected\def\bibdatedash{\textendash}}%
2971
2972 \NewBibliographyString{origed,cited}
2973
2974 \DeclareBibliographyStrings{%
2975 inherit            = {spanish},
2976 origed             = {{edici\`{o}n original}{ed\addot orig\addot}},
2977 cited              = {{cit\addot}{cit\addot}},
2978 opcit              = {{op\addot cit\addot}{op\addot cit\addot}},
2979 ibidem             = {{ivi}{ivi}},
2980 loccit             = {{ibidem}{ibidem}},
2981 langspanish        = {{espa\`{n}ol}{es\addot}},
2982 editor             = {{ed\addot}{ed\addot}},
2983 editors            = {{ed\addot}{eds\addot}},
2984 byreviser          = {{revisi\`{o}n de}{rev\addotsspace de}},
2985 reviewof           = {{Rese\`{n}a de}{Rese\`{n}a de}},%%FIXME: Maiuscola iniziale?
2986 backrefpage        = {{Citado en la p\`{a}gina}{Citado en la \bibstring{page}\addot}},%%
2987 backrefpages       = {{Citado en las p\`{a}ginas}{Citado en las \bibstring{pages}\addot}},
2988 pages              = {{p\`{a}ginas}{\iftoggle{bbx:classical}{p\`{a}gs\addot}{p\`{a}g\addot}}},
2989 columns            = {{columnas}{\iftoggle{bbx:classical}{cols\addot}{col\addot}}},
2990 lines              = {{l\`{i}neas}{\iftoggle{bbx:classical}{ll\addot}{l\addot}}},
2991 verses             = {{versos}{\iftoggle{bbx:classical}{vv\addot}{v\addot}}},
2992 volumes            = {{vol\`{u}menes}{\iftoggle{bbx:classical}{vols\addot}{vol\addot}}},
2993 withcommentator    = {{comentarios de}{com\addotsspace de}},
2994 withannotator       = {{notas de}{notas de}},
2995 withintroduction   = {{introducci\`{o}n de}{intr\addotsspace de}},
2996 withforeword       = {{prefacio de}{pref\addotsspace de}},
2997 withafterword      = {{postfacio de}{postfacio de}},
2998 translationof      = {{traducci\`{o}n al espa\`{n}ol de}{trad\addotsspace de}},
2999 translationas      = {{traducido al espa\`{n}ol como}{trad\addotsspace es\addot}},
3000 section            = {{secci\`{o}n}{sec\addot}},
3001 sections           = {{secciones}{\iftoggle{bbx:classical}{secs\addot}{sec\addot}}},
3002 }

```

## Change History

vo.4	General: Improved compatibility for biblatex version 0.9 . . . . . 1	origbrackets, latinemph. Changed package options scauthors, scauthorscite, scauthorsbib.
vo.5	General: Added new bibliography style philosophy-verbose. Added localization file italian-philosophy.lbx. Added package options origparens,	Renamed file biblatex-philosophy-doc.tex to philosophy-authoryear-doc.tex. Added file philosophy-verbose-doc.tex. Updated documentation . . . . . 1

vo.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	biber settings with \DeclareDriverSourcemap command. Added trans- field alias . . . 1
vo.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	vo.8d General: Fixed some bugs related to \DeclareDriverSourcemap, \ccite, and @review entry type . . . . . 1
vo.7a	General: Added command volumfont. Added command footcitet. Updated documentation . . . . . 1	vo.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
vo.7b	General: Removed package option romanvol. Added package option volumeformat. Added package option editionformat. Activated the option singletitle for style philosophy-verbose. Added bibliography driver @review. Added bibliography string cit. Added bibliography string reviewof. Updated documentation . . . . . 1	vo.8f General: New option nodate for \printbibliography command . . . . 1
vo.7c	General: Fixed some bugs. New origfieldtype option. Added nodate bibliography string. Updated documentation . . . . . 1	vo.9a General: Maintenance release. Corrected some bugs. . . . . 1
vo.8a	General: New entrysubtype field for citing classical texts. New related field mechanism. New relatedformat option. New English documentation. Fixed some bugs . . . . 1	vo.9b General: Updated bibliography drivers to correct a bug when using the related mechanism. . . . . 1
vo.8b	General: Added biber.conf configuration file . . . . . 1	vo.9c General: Maintenance release. Corrected some bugs. . . . . 1
vo.8c	General: Removed biber.conf configuration file. Added internal	vo.9d General: Maintenance release. Corrected some bugs. . . . . 1
		vo.9e General: Maintenance release. Updated documentation. . . . . 1
		vo.9f General: Updated documentation. Corrected a bug in the volnumformat option. . . . . 1
		vo.9g General: Added localization module for spanish. Corrected a bug in @inbook and @incollection entries when using crossref field. Updated documentation. . . . . 1
		vo.9h General: New option lowscauthors. Corrected some bugs. Updated documentation. . . . . 1
		vo.9i General: Corrected a bug with shorthandintro option. . . . . 1



<b>v1.0</b>	General: Corrected a bug in <code>volumeformat</code> and <code>volnumformat</code> options. Change value <code>romanupp</code> to <code>Roman</code> in <code>volumeformat</code> and <code>editionformat</code> . Corrected bug in related format options: now the related block is not preceded by semicolon when using values <code>parens</code> and <code>brackets</code> styles. §updated documentation . . . . . 1	<b>v1.5</b>	General: Improved compatibility with legacy Bib <sub>T</sub> <sub>E</sub> X backend. . . . . 1
<b>v1.1</b>	General: Maintenance release. Updated documentation. . . . . 1	<b>v1.6</b>	General: Removed compatibility with legacy Bib <sub>T</sub> <sub>E</sub> X backend. . . . . 1
<b>v1.2</b>	General: Maintenance release. New value <code>superscript</code> for <code>editionformat</code> option. . . . . 1	<b>v1.7</b>	General: Maintenance release. Updated documentation. . . . . 1
<b>v1.3</b>	General: Maintenance release. Corrected a spurious space in article entries. . . . . 1	<b>v1.8</b>	General: Maintenance release. Corrected an incompatibility with <code>scauthors</code> option. . . . . 1
<b>v1.4</b>	General: Maintenance release. Updated style for working with <code>biblatex v.3.4</code> . . 1	<b>v1.9</b>	General: Redefined <code>ibidem</code> and <code>loccit</code> strings in file <code>english-philosophy.lbx</code> according to the Chicago Manual of Style. . . . . 1
		<b>v1.9.1</b>	General: Redefined macros for the related mechanism. Support for the <code>@set</code> entries. Support for the <code>origpubin</code> and <code>origpubas</code> default related types. Improved <code>.lbx</code> files. Updated documentation. . . . . 1

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