

# User's Guide to biblatex-philosophy

*Bibliography styles for (Italian) users of biblatex*

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Ivan Valbusa

Dipartimento di Filologia, Letteratura e Linguistica

Università degli Studi di Verona

ivan dot valbusa at univr dot it

## 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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## Feedback

If you have any questions, feedback or requests please email me. My mail address is at the top of this document. If you need specific features not already implemented, remember to attach the example files.

# A brief history

The first step toward the creation of the philosophy-modern style was the request of Lorenzo Pantieri in the G<sub>U</sub>I<sub>T</sub> Forum: <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 G<sub>U</sub>I<sub>T</sub> Web site and the authors of the styles which inspired bib<sub>l</sub>at<sub>e</sub>x-philosophy, specifically: Dominik Waßenhoven (2011), James Clawson (2010) and Sander Gliboff (2010).*

## o Use

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),backend=biber]{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.

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

```
\DeclareQuoteAlias{italian}{french}
\DeclareQuoteAlias{italian}{german}
\DeclareQuoteAlias{italian}{...}
```

☞ The philosophy styles require `biber` so remember to configure your editor to use it. If you prefer `bibtex` you have to declare it with the `backend=bibtex` option but some bibliography drivers will not work properly.

## 1 Syles features

### 1.1 The philosophy-classic style

The classic style is a standard author-year style that uses commas instead of dots to separate the parts of the entry:

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.

It is 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)

## 1.2 The philosophy-modern style

The modern style uses the 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.

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

## 1.3 The philosophy-verbose style

This style is aimed for citations given in the footnotes and follows the most popular scheme used in the Italian humanities.

It prints a full citation similar to a bibliography entry when an item is cited for the first time, and a short citation afterwards, using the title (possibly shortened in the shorttitle field), followed by the string “cit.”. Citing the same entry two times, in the second one the string “Ivi” 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 7.2.2) you can get them in italic shape.

## 2 Translations and original editions

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 (☞ 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 11.1 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 (☞ 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 Classical and undated works

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

If there is a critical edition you should cite it directly, such as `\c Heidegger (2001)`. If you do not like this anachronistic label you may use the shorthand field, such as `\c 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 6) or the `\sdcite` command (section 10).

### 4 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` (`\c 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 (`\c 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 (`\c 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` (`\c 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`.

### 5 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.

## 6 Style-specific fields

**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. (☞ Heidegger 2001).

**annotation/annotate** 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 8). See the examples in the references of this documentation.

**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. (☞ 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.

## 7 Options

### 7.1 Global options

**relatedformat**=semicolon, parens, brackets default: semicolon

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

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

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

**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 11.1).

**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 9):

... *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:

<b>arabic</b>	... <i>Book Title</i> , vol. 5, ...
<b>roman</b>	... <i>Book Title</i> , vol. iv, ...
<b>romansc</b>	... <i>Book Title</i> , vol. XI, ...
<b>Roman</b>	... <i>Book Title</i> , vol. X, ...

With the command

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

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

**editionformat**=arabic, roman, romansc, Roman default: arabic

This option provides three styles for typesetting the edition field:

<b>arabic</b>	... <i>Book Title</i> , 5 <sup>a</sup> ed., ...
<b>roman</b>	... <i>Book Title</i> , iii ed., ...
<b>romansc</b>	... <i>Book Title</i> , XI ed., ...
<b>Roman</b>	... <i>Book Title</i> , X ed., ...

**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 6).

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

Shows the library field, both in the bibliography and in the citations (see also section 6).

**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.

## 7.2 Style-specific options

### 7.2.1 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).

### 7.2.2 philosophy-verbose

`latinemph=true, false` default: false

Prints the *latinitates* “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. ”.

## 8 New commands

`\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}
```

`\volnumpunct{<code>}`

default: `\addcomma\space`

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

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

## 9 New 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.

## 10 New 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). Writing `\sdcite[15]{guzman:sd}` you will obtain: Guzmán de Rojas, *Problemática*. This command is deprecated. Use the `entrysubtype` field instead (see section 6).

`\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.

## 11 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.

### 11.1 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 biber only)

The title of the translation/original edition.

`origpublisher` field (list)

`transpublisher` field (list biber only)

The publisher of the translation/original edition.

`origlocation` field (list)

`translocation` field (list biber only)

The location of the translation/original edition.

`origdate` field (range)

`transdate` field (range biber only)

The publication date of the translation/original edition.

Robert Bringhurst (1992), *The Elements of Typographic Style*, Hartley & Marks Publisher Inc., Vancouver, Canada; trad. it. *Gli elementi dello stile tipografico*, Sylvestre Bonnard, Milano 2009.

`usera` field (literal)

`origbooktitle` field (literal biber only)

**transbooktitle** field (literal biber only)

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 and the format is the same of the entry:

Moore, George Edward (1903), «The refutation of idealism», *Mind*, N.S., 12 (mag. 1903), p. 433-453; trad. it. «La confutazione dell'idealismo», in *Il Neoempirismo*, a cura di Alberto Pasquinelli, UTET, Torino 1969, p. 35-61.

**userb** field (literal)

**orignote** field (literal biber only)

**transnote** field (literal biber only)

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.:

Mach, E. (1883), *Die Mechanik in ihrer Entwicklung historisch-kritisch dargestellt*; trad. it. *La meccanica nel suo sviluppo storico-critico*, traduzione, introduzione e note di Alfonsina D'Elia, Bollati Boringhieri, Torino 1977.

**userc** field (literal)

**origpages** field (literal biber only)

**transpages** field (literal biber only)

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.

## 11.2 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

**semicolon** The translation/original publication data are 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 translation or the original publication data 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 instead of parentheses:

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

## References

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.

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*, 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 depreciated 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; trad. ingl. *The Logic of Scientific Discovery*, 3rd ed., Hutchinson, London 1959; 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

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.

GuIT. Gruppo degli Utilizzatori Italiani di  $\TeX$  (2012), <http://www.guitex.org> (visited on 01/15/2012).

A Web site.



## 12 The Code

### 12.1 philosophy-standard.bbx

```
1 \RequireBiber[2]
2 \RequireBibliographyStyle{standard}
```

Load the localization modules:

```
3 \DeclareLanguageMapping{italian}{italian-philosophy}
4 \DeclareLanguageMapping{english}{english-philosophy}
5 \DeclareLanguageMapping{spanish}{spanish-philosophy}
```

#### 12.1.1 Global options

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

```

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

```

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

```

79 \setcounter{biburlnumpenalty}{9000}
80 \setcounter{biburlucpenalty}{9000}
81 \setcounter{biburllcpenalty}{9000}

```

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

```

82 \newcounter{maxnamesincross}
83 \newcounter{minnamesincross}

```

### 12.1.2 Name format

```

84 \AtBeginDocument{%
85 \iftoggle{bbx:lowscauthors}%
86 {\newrobustcmd*{\mkbibsc}[1]{\textsc{\MakeLowercase{#1}}}}%
87 {\newrobustcmd*{\mkbibsc}[1]{\textsc{#1}}}%
88 \iftoggle{bbx:scauthors}%
89 \toggletrue{bbx:scauthorsbib}%
90 \toggletrue{cbx:scauthorscite}%
91 {}
92 \AtBeginBibliography{%
93 \iftoggle{bbx:scauthorsbib}%
94 \DeclareNameFormat{sortname}{%
95 \let\mkbibnamelast\mkbibsc%

```

```

96 \let\mkbibnamefirst\mkbibsc%
97 \let\mkbibnameprefix\mkbibsc%
98 \let\mkbibnameaffix\mkbibsc
99 \ifnumequal{\value{listcount}}{1}
100 {\iffirstinits
101   {\usebibmacro{name:last-first}{#1}{#4}{#5}{#7}}%
102   {\usebibmacro{name:last-first}{#1}{#3}{#5}{#7}}%
103   \ifblank{#3#5}
104   {}
105   {\usebibmacro{name:revsdelim}}}
106 {\iffirstinits
107   {\usebibmacro{name:first-last}{#1}{#4}{#5}{#7}}
108   {\usebibmacro{name:first-last}{#1}{#3}{#5}{#7}}}%
109 \usebibmacro{name:andothers}}}%
110 {}}%

```

### 12.1.3 New internal commands

```

111 \renewcommand*{\newunitpunct}{\addcomma\space}
112 \renewcommand*{\subtitlepunct}{\addperiod\space}
113 \renewcommand*{\intitlepunct}{\nopunct\addspace}
114 \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:

```

115 \newrobustcmd*{\mkpureparens}[1]{%
116   \begingroup
117   \blx@blxinit
118   \blx@setsfcodes
119   \blx@postpunct(#1\blx@postpunct)\midsentence%
120   \endgroup}

```

### Indexing

```

121 \renewbibmacro*{citeindex}{%
122 \ifciteindex{\indexnames{labelname}}{}}}%
123 \renewbibmacro*{bibindex}{%
124 \ifbibindex{\indexnames{author}}%
125 \indexnames{editor}%
126 \indexnames{editora}%
127 \indexnames{editorb}%
128 \indexnames{editorc}}}%
129 {}}%

```

### Font selection

```

130 \newcommand*{\annotationfont}{\footnotesize}
131 \newcommand*{\libraryfont}{}
132 \newcommand*{\editionfont}{%
133   \ifdefstring{\bbx@editionformat}{Roman}
134   {\uppercase}%
135   {\ifdefstring{\bbx@editionformat}{romansc}
136   {\scshape}%
137   {\relax}}}%
138 }%
139 \newrobustcmd*{\edfnt}[1]{%
140   \begingroup

```

```

141 \expandafter\editionfont
142 \expandafter{\romannumeral#1}%
143 \endgroup}

```

#### 12.1.4 Fields formats

```

144 \DeclareFieldFormat[bookinbook,thesis]{title}{\mkbibemph{#1}}
145 \DeclareFieldFormat[review]{title}{\bibstring{reviewof}\addspace#1}
146 \DeclareFieldFormat[review]{citetitle}{\bibstring{reviewof}\addspace#1}
147 \DeclareFieldFormat[inreference,article]{title}{\mkbibquote{#1}}
148 \DeclareFieldFormat[bookinbook,thesis]{citetitle}{\mkbibemph{#1}}
149 \DeclareFieldFormat{origtitle}{\mkbibemph{#1}}
150 \DeclareFieldFormat[article]{origtitle}{\mkbibquote{#1}}
151 \DeclareFieldFormat{usera}{\mkbibemph{#1}}
152 \DeclareFieldFormat[bookinbook,inbook]{usera}{\mkbibemph{#1}}
153 \DeclareFieldFormat[incollection]{usera}{\mkbibquote{#1}}
154 \DeclareFieldFormat{userc}{\mkpageprefix[bookpagination]{#1}}
155 \DeclareFieldFormat{url}{\url{#1}}
156 \DeclareFieldFormat{annotation}{\annotationfont #1}
157 \DeclareFieldFormat{library}{\libraryfont #1}
158 \DeclareFieldFormat{backrefparens}{\mkpureparens{#1}}
159 \DeclareFieldFormat{pureparens}{\mkpureparens{#1}}
160
161 \def\optionerror#1{%
162 \ClassError{biblatex-philosophy}
163   {\MessageBreak**** Unknown value for ' #1 ' option}
164   {\MessageBreak**** Unknown value for ' #1 ' option}
165 }
166
167 \DeclareFieldFormat{volume}{%
168   \bibstring{volume}~%
169   \ifinteger{#1}{%
170     \ifdefstring{\bbx@volumeformat}{arabic}%
171       {#1}%
172     {\ifdefstring{\bbx@volumeformat}{Roman}%
173       {\RN{#1}}%
174       {\ifdefstring{\bbx@volumeformat}{romansc}%
175         {\textsc{\RN{#1}}}%
176         {\ifdefstring{\bbx@volumeformat}{roman}%
177           {\RN{#1}}{\optionerror{volumeformat}}}}}{#1}}
178
179 \DeclareFieldFormat[article]{volume}{%
180 \ifdefstring{\bbx@volnumformat}{strings}
181   {\bibstring{volume}~%
182     {}%
183     \ifinteger{#1}{%
184       \ifdefstring{\bbx@volumeformat}{arabic}%
185         {#1}%
186       {\ifdefstring{\bbx@volumeformat}{Roman}%
187         {\RN{#1}}%
188         {\ifdefstring{\bbx@volumeformat}{romansc}%
189           {\textsc{\RN{#1}}}%
190           {\ifdefstring{\bbx@volumeformat}{roman}%
191             {\RN{#1}}{\optionerror{volumeformat}}}}}{#1}}

```

```

192
193 \DeclareFieldFormat*{number}{%
194   \ifdefstring{\bbx@volnumformat}{strings}{%
195     \bibstring{number}~\#1}{\#1}}
196 \DeclareFieldFormat*{series}{%
197   \ifinteger{\#1}
198     {\mkbibordseries{\#1}~\bibstring{jourser}}
199     {\ifbibstring{\#1}{\bibstring{\#1}}{\#1}}}
200 \DeclareFieldFormat{edition}{%
201   \ifinteger{\#1}{%
202     \ifdefstring{\bbx@editionformat}{arabic}
203       {\mkbibordedition{\#1}~\bibstring{edition}}
204       {\ifdefstring{\bbx@editionformat}{Roman}%
205         {\RN{\#1}~\bibstring{edition}}%
206         {\ifdefstring{\bbx@editionformat}{romansc}%
207           {\textsc{\RN{\#1}}~\bibstring{edition}}%
208           {\ifdefstring{\bbx@editionformat}{roman}%
209             {\RN{\#1}~\bibstring{edition}}
210             {\optionerror{editionformat}}}}}}
211     {\#1}}\%isdot??
212 \DeclareFieldFormat{related}{%
213   \ifdefstring{\bbx@relatedformat}{parens}%
214     {\mkpureparens{\#1}}%
215     {\ifdefstring{\bbx@relatedformat}{brackets}%
216       {\mkbibbrackets{\#1}}%
217       {\ifdefstring{\bbx@relatedformat}{semicolon}%
218         {\#1}{\optionerror{relatedformat}}}}}%

```

### 12.1.5 The orig- macros (deprecated)

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

```

219 \newbibmacro*{origpublisher+origlocation+origdate}{%
220 \ifdefstring{\bbx@publocformat}{loccolonpub}
221 {\usebibmacro{origloccolonpub}\setunit{\bibpagespunct}%
222   \printfield{userc}}{\ifdefstring{\bbx@publocformat}{locpubyear}
223 {\usebibmacro{origlocpubyear}\setunit{\bibpagespunct}%
224   \printfield{userc}}
225 {\usebibmacro{origpublocyear}\setunit{\bibpagespunct}%
226   \printfield{userc}}}}
227
228 \newbibmacro*{origpublocyear}{%
229 \iflistundef{origpublisher}%
230 {\printlist{origlocation}%
231 \setunit*{\addspace}%
232   \printorigdate}%
233 {\printlist{origpublisher}%
234   \setunit*{\addcomma\space}%
235 \printlist{origlocation}%
236 \setunit*{\addspace}%
237   \printorigdate}%
238 \newunit}
239
240 \newbibmacro*{origloccolonpub}{%

```

```

241 \iflistundef{origlocation}{}%
242   {\printlist{origlocation}}%
243   \iflistundef{origpublisher}%
244     {\setunit*{\addspace}%
245 \printorigdate}%
246     {\setunit*{\addcolon\space}%
247 \printlist{origpublisher}%
248 \setunit*{\addcomma\space}%
249 \printorigdate}%
250 \newunit}
251
252 \newbibmacro*{origloccpubyear}{%
253 \iflistundef{origlocation}{}%
254   {\printlist{origlocation}}%
255   \iflistundef{origpublisher}%
256     {\setunit*{\addspace}%
257 \printorigdate}%
258     {\setunit*{\addcomma\space}%
259 \printlist{origpublisher}%
260 \setunit*{\addcomma\space}%
261 \printorigdate}%
262 \newunit}
263
264 \newbibmacro*{reprinttitle}{%
265   \iffieldundef{reprinttitle}{}{%
266     \iffieldsequal{reprinttitle}{title}{}{%
267       \printfield[title]{reprinttitle}%
268       \setunit{\addcomma\space}}}%
269 \iffieldundef{userb}{}{%
270   \printfield{userb}}}%
271
272 \newbibmacro*{transorigstring}{%
273 \iffieldundef{reprinttitle}%
274 {\printtext{\ifdefstring{\bbx@origfields}{origed}
275 {\bibstring{origed}}}%
276 {\bibstring{translationas}}}\nopunct}%
277 {\printtext{\bibstring{reprint}}}\nopunct}
278
279 \newbibmacro*{origtitle:book}{%
280   \iffieldundef{origtitle}{}{
281     \printfield[origtitle]{origtitle}%
282     \setunit{\addcomma\space}}
283 \iffieldundef{userb}{}{%
284   \printfield{userb}}}%
285
286 \newbibmacro*{origtitledata:book}{%
287 \usebibmacro{transorigstring}%
288 \iffieldundef{reprinttitle}%
289 {\usebibmacro{origtitle:book}}%
290 {\usebibmacro{reprinttitle}}%
291 \newunit\newblock
292   \usebibmacro{origpublisher+origlocation+origdate}}
293

```

```

294 \newbibmacro*{origdata:book}{%
295   \ifboolexpr{%
296     test {\iffieldundef{origtitle}}
297     and
298     test {\iffieldundef{origlocation}}
299     and
300     test {\iffieldundef{origpublisher}}
301     and
302     test {\iffieldundef{origyear}}
303   }%
304   {%
305     {\ifdefstring{\bbx@relatedformat}{parens}
306     {\nopunct\printtext[pureparens]{\usebibmacro{origtitledata:book}}}
307     {\ifdefstring{\bbx@relatedformat}{brackets}
308     {\nopunct\printtext[brackets]{\usebibmacro{origtitledata:book}}}
309     {\setunit{\addsemicolon\space}%
310     \printtext{\usebibmacro{origtitledata:book}}}}}}
311
312 \newbibmacro*{origtitle:article-inbook-incoll}{%
313   \iffieldundef{origtitle}{}{%
314     \printfield{origtitle}{origtitle}%
315   \setunit{\addcomma\space}}
316 \iffieldundef{usera}{}{%
317 \usebibmacro{in:}%
318 \printfield{usera}%
319   \setunit{\addcomma\space}}%
320 \iffieldundef{userb}{}{%
321   \printfield{userb}%
322   \newunit}}
323
324 \newbibmacro*{origtitledata:article-inbook-incoll}{%
325   \usebibmacro{transorigstring}%
326   \setunit{\addspace}%
327   \usebibmacro{origtitle:article-inbook-incoll}%
328   \usebibmacro{origpublisher+origlocation+origdate}}
329
330 \newbibmacro*{origdata:article-inbook}{%
331   \iflistundef{origlocation}{}{%
332     \ifdefstring{\bbx@relatedformat}{parens}
333     {\nopunct\printtext[pureparens]{%
334       \usebibmacro{origtitledata:article-inbook-incoll}}}%
335     {\ifdefstring{\bbx@relatedformat}{brackets}
336     {\nopunct\printtext[brackets]{%
337       \usebibmacro{origtitledata:article-inbook-incoll}}}%
338     {\setunit{\addsemicolon\space}%
339     \printtext{%
340       \usebibmacro{origtitledata:article-inbook-incoll}}}}}}

```

### 12.1.6 New macros

```

341 \renewbibmacro*{addendum+pubstate}{%
342   \printfield{addendum}%
343   \newunit\newblock
344   \printfield{pubstate}%

```

```

345 \ifdefstring{\bbx@origfields}{none}{}{%
346   \newunit\newblock
347   \usebibmacro{origdata:book}}%
348 \newunit\newblock
349 \usebibmacro{library}}
350
351 \newbibmacro*{addendum+pubstate:article-inbook-incoll}{%
352   \printfield{addendum}%
353   \newunit\newblock
354   \printfield{pubstate}%
355   \ifdefstring{\bbx@origfields}{none}{}{%
356     \newunit\newblock
357     \usebibmacro{origdata:article-inbook}}%
358   \newunit\newblock
359   \usebibmacro{library}}
360
361 \newbibmacro*{volnumdefault}{%
362   \printfield{volume}%
363   \setunit*{\volnumpunct}%
364   \printfield{number}}
365
366 \newbibmacro*{volnumparens}{%
367   \nopunct%
368   \printtext[pureparens]{%
369     \printfield{volume}%
370     \setunit*{\volnumpunct}%
371     \printfield{number}}}
372
373 \newbibmacro*{volnumstrings}{%
374   \iffieldundef{volume}{}{%
375     \printfield{volume}\setunit*{\volnumpunct}}%
376   \iffieldundef{number}{}{%
377     \printfield{number}}}
378
379 \renewbibmacro*{journal}{%
380   \iffieldundef{journaltitle}
381     {}
382     {\printtext[journaltitle]{%
383       \printfield[titlecase]{journaltitle}%
384       \midsentence%MOD#####
385       \setunit{\subtitlepunct}%
386       \printfield[titlecase]{journalsubtitle}}}}
387
388 \renewbibmacro*{periodical}{%
389   \iffieldundef{title}
390     {}
391     {\printtext[title]{%
392       \printfield[titlecase]{title}%
393       \midsentence%MOD#####
394       \setunit{\subtitlepunct}%
395       \printfield[titlecase]{subtitle}}}}
396
397 \renewbibmacro*{journal+issuetitle}{%

```



```

398 \usebibmacro{journal}%
399 \setunit*{\addspace}%
400 \iffieldundef{series}
401 {}
402 {\newunit%
403 \printfield{series}\setunit{\addspace}\midsentence}%
404 \newunit%
405 \usebibmacro{volume+number+eid}%
406 \setunit{\addspace}%
407 \usebibmacro{issue+date}%
408 \setunit{\addcolon\space}%
409 \usebibmacro{issue}%
410 \newunit}
411
412 \renewbibmacro*{title+issuetitle}{%
413 \usebibmacro{periodical}%
414 \setunit*{\addspace}%
415 \iffieldundef{series}
416 {}
417 {\newunit
418 \printfield{series}%
419 \setunit{\addspace}\midsentence}%
420 \newunit
421 \usebibmacro{volume+number+eid}%
422 \setunit{\addcomma\space}%
423 \printfield{eid}%
424 \setunit{\addspace}%
425 \usebibmacro{issue+date}%
426 \setunit{\addcolon\space}%
427 \usebibmacro{issue}%
428 \newunit}
429
430 \renewbibmacro*{volume+number+eid}{%
431 \ifdefstring{\bbx@volnumformat}{strings}
432 {\usebibmacro{volnumstrings}}%
433 {\ifdefstring{\bbx@volnumformat}{parens}
434 {\usebibmacro{volnumparens}}%
435 {\ifdefstring{\bbx@volnumformat}{plain}
436 {\usebibmacro{volnumdefault}}%
437 {\optionerror{volnumformat}}}}}%
438 \setunit{\addcomma\space}%
439 \printfield{eid}}
440
441 \renewbibmacro*{issue+date}{%
442 \printtext[pureparens]{%
443 \iffieldundef{issue}
444 {\usebibmacro{date}}
445 {\printfield{issue}%
446 \setunit*{\addspace}%
447 \usebibmacro{date}}}%
448 \newunit}
449
450 \renewbibmacro*{event+venue+date}{%v0.8

```

```

451 \printfield{eventtitle}%
452 \ifboolexpr{%
453   test {\iffieldundef{venue}}
454   and
455   test {\iffieldundef{eventyear}}
456 }%
457 {}
458 {\setunit*{\addspace}%
459   \printtext{%
460     \printfield{venue}%
461     \setunit*{\addcomma\space}%
462     \printeventdate}}%
463 \newunit}
464
465 \renewbibmacro*{series+number}{%
466   \printfield{series}%
467   \setunit*{\addcomma\space}%
468   \printfield{number}%
469   \newunit}
470
471 \renewbibmacro*{publisher+location+date}{%
472 \ifdefstring{\bbx@publocformat}{loccolonpub}
473   {\usebibmacro{loccolonpub}}
474   {\ifdefstring{\bbx@publocformat}{locpubyear}
475     {\usebibmacro{locpubyear}}
476     {\ifdefstring{\bbx@publocformat}{publocyear}%
477       {\usebibmacro{publocyear}}{\optionerror{publocformat}}}}
478
479 \renewbibmacro*{institution+location+date}{%
480 \ifdefstring{\bbx@publocformat}{loccolonpub}
481   {\usebibmacro{inloccolonpub}}
482   {\ifdefstring{\bbx@publocformat}{locpubyear}
483     {\usebibmacro{inlocpubyear}}
484     {\ifdefstring{\bbx@publocformat}{publocyear}%
485       {\usebibmacro{inpublocyear}}{\optionerror{publocformat}}}}
486
487 \renewbibmacro*{organization+location+date}{%
488 \ifdefstring{\bbx@publocformat}{loccolonpub}
489   {\usebibmacro{orgloccolonpub}}
490   {\ifdefstring{\bbx@publocformat}{locpubyear}
491     {\usebibmacro{orglocpubyear}}
492     {\ifdefstring{\bbx@publocformat}{publocyear}%
493       {\usebibmacro{orgpublocyear}}{\optionerror{publocformat}}}}
494
495 \newbibmacro*{library}{%
496 \iftoggle{bbx:library}{%
497   \iffieldundef{library}%
498   }%
499   {\setunit{\addperiod\space}%
500     {\printfield{library}}}%
501   {}

```

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

```

502 \renewbibmacro*{pageref}{%

```

```

503 \iflistundef{pageref}
504 {}%
505 {\setunit{\addperiod\space}%
506 \printtext[backrefparens]{%
507 \ifnumgreater{\value{pageref}}{1}
508 {\bibstring{backrefpages}\ppspace}%
509 {\bibstring{backrefpage}\ppspace}%
510 \printlist[pageref] [-\value{listtotal}]{pageref}\adddot\nopunct}}%
511
512 \renewbibmacro*{finentry}{%
513 \iftoggle{bbx:annotation}%
514 {\iffieldundef{annotation}%
515 {\finentry}%
516 {\setunit{\addperiod\par\nobreak\vspace*{.5ex}}%
517 \printtext[annotation]{\printfield{annotation}\finentry\par}}}%
518 {\finentry}}
519
520 \newbibmacro*{publocyear}{%
521 \iflistundef{publisher}%
522 {}%
523 {\printlist{publisher}}
524 \setunit*{\addcomma\space}%
525 \printlist{location}%
526 \usebibmacro{relateddate}%
527 \newunit}
528
529 \newbibmacro*{inpublocyear}{%
530 \iflistundef{institution}%
531 {}%
532 {\printlist{institution}}
533 \setunit*{\addcomma\space}%
534 \printlist{location}%
535 \usebibmacro{relateddate}%
536 \newunit}
537
538 \newbibmacro*{orgpublocyear}{%
539 \iflistundef{organization}%
540 {}%
541 {\printlist{organization}}
542 \setunit*{\addcomma\space}%
543 \printlist{location}%
544 \usebibmacro{relateddate}%
545 \newunit}
546
547 \newbibmacro*{loccolonpub}{%
548 \printlist{location}%
549 \iflistundef{publisher}%
550 {\setunit*{\addspace}}
551 {\setunit*{\addcolon\space}}%
552 \printlist{publisher}%
553 \usebibmacro{commarelateddate}%
554 \newunit}
555

```

```

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

```

### 12.1.7 The related field mechanism

```

600 \newbibmacro*{relateddate}{%
601   \setunit*{\addspace}%
602   \printdate}
603 \newbibmacro*{commarelateddate}{%
604   \setunit*{\addcomma\space}%
605   \printdate}

```

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

```

606 \newbibmacro*{related:clearauthors}{%
607   \renewbibmacro*{author/translator+others}{\usebibmacro{bbx:savehash}}%
608   \renewbibmacro*{author/editor+others/translator+others}{\usebibmacro{bbx:savehash}}%
609   \renewbibmacro*{editor+others}{\usebibmacro{bbx:savehash}}%
610   \renewbibmacro*{author/translator+others}{\usebibmacro{bbx:savehash}}%
611   \renewbibmacro*{author/editor}{\usebibmacro{bbx:savehash}}%
612   \renewbibmacro*{author}{\usebibmacro{bbx:savehash}}%
613   \renewbibmacro*{editor}{\usebibmacro{bbx:savehash}}%
614   \renewcommand*{\labelnamepunct}{}}%
615
616 \DeclareCiteCommand{\relatedcite}
617   {}%
618   {\usedriver
619     {\DeclareNameAlias{sortname}{default}}%
620     \usebibmacro{related:clearauthors}}%
621   \renewbibmacro*{relateddate}{%
622     \setunit*{\addspace}\printdate}%
623   \renewbibmacro*{commarelateddate}{%
624     \setunit*{\addcomma\space}\printdate}}%
625     {\thefield{entrytype}}}%
626   {}%
627   {}%
628
629 \renewbibmacro*{related:default}[1]{%
630   \togglefalse{cbx:scauthorscite}%
631   \togglefalse{bbx:annotation}%
632   \iffieldundef{relatedstring}%
633     {\bibstring{translationas}\space}%
634     {\setunit{\bibstring{translationas}\space}}%
635     \renewcommand*{\mkpureparens}{\unspace\addsemicolon\space}%horrible trick
636     \renewcommand*{\mkbibbrackets}{\unspace\addsemicolon\space}%horrible trick
637     \relatedcite{\thefield{related}}

```

### 12.1.8 Bibliography drivers

```

638 \DeclareBibliographyDriver{article}{%
639   \usebibmacro{bibindex}%
640   \usebibmacro{begentry}%
641   \usebibmacro{author/translator+others}%
642   \setunit{\labelnamepunct}\newblock
643   \usebibmacro{title}%
644   \newunit
645   \printlist{language}%
646   \newunit\newblock
647   \usebibmacro{byauthor}%
648   \newunit\newblock
649   \usebibmacro{bytranslator+others}%
650   \newunit\newblock
651   \printfield{version}%
652   \newunit\newblock
653   \iftoggle{bbx:inbeforejournal}{\usebibmacro{in:}}{}%
654   \usebibmacro{journal+issuetitle}%
655   \newunit\newblock
656   \usebibmacro{byeditor+others}%
657   \newunit\newblock

```

```

658 \usebibmacro{note+pages}%
659 \newunit\newblock
660 \iftoggle{bbx:isbn}
661   {\printfield{issn}}
662   {}%
663 \newunit\newblock
664 \usebibmacro{doi+eprint+url}%
665 \newunit\newblock
666 \usebibmacro{addendum+pubstate:article-inbook-incoll}%MOD
667 \newblock
668 \iftoggle{bbx:related}
669   {\ifdefstring{\bbx@relatedformat}{semicolon}{\setunit{\addsemicolon\space}}%
670   {\setunit{\unspace\space}}}%horrible trick
671   \usebibmacro{related:init}%
672   \usebibmacro{related}}%
673   {}%
674 \newunit\newblock
675 \usebibmacro{pageref}%
676 \usebibmacro{finentry}}
677
678 \DeclareBibliographyDriver{book}{%
679   \usebibmacro{bibindex}%
680   \usebibmacro{begentry}%
681   \usebibmacro{author/editor+others/translator+others}%
682   \setunit{\labelnamepunct}\newblock
683   \usebibmacro{maintitle+title}%
684   \newunit
685   \printlist{language}%
686   \newunit\newblock
687   \usebibmacro{byauthor}%
688   \newunit\newblock
689   \usebibmacro{byeditor+others}%
690   \newunit\newblock
691   \printfield{edition}%
692   \newunit
693   \printfield{volumes}%
694   \newunit\newblock
695   \usebibmacro{series+number}%
696   \newunit\newblock
697   \printfield{note}%
698   \newunit\newblock
699   \usebibmacro{publisher+location+date}%
700   \newunit
701   \iffieldundef{maintitle}
702     {\printfield{volume}%
703     \printfield{part}}
704     {}%
705   \newunit\newblock
706   \usebibmacro{chapter+pages}%
707   \newunit
708   \printfield{pagetotal}%
709   \newunit\newblock
710   \iftoggle{bbx:isbn}

```

```

711     {\printfield{isbn}}
712     {}%
713   \newunit\newblock
714   \usebibmacro{doi+eprint+url}%
715   \newunit\newblock
716   \usebibmacro{addendum+pubstate}%
717   \newblock
718   \iftoggle{bbx:related}
719     {\ifdefstring{\bbx@relatedformat}{semicolon}%
720     {\setunit{\addsemicolon\space}}%
721     {\setunit{\unspace\space}}}%horrible trick
722   \usebibmacro{related:init}%
723   \usebibmacro{related}}%
724   {}%
725   \newunit\newblock
726   \usebibmacro{pageref}%
727   \usebibmacro{finentry}}
728
729 \DeclareBibliographyDriver{booklet}{%
730   \usebibmacro{bibindex}%
731   \usebibmacro{begentry}%
732   \usebibmacro{author/editor+others/translator+others}%
733   \setunit{\labelnamepunct}\newblock
734   \usebibmacro{title}%
735   \newunit
736   \printlist{language}%
737   \newunit\newblock
738   \usebibmacro{byauthor}%
739   \newunit\newblock
740   \usebibmacro{byeditor+others}%
741   \newunit\newblock
742   \printfield{howpublished}%
743   \newunit\newblock
744   \printfield{type}%
745   \newunit\newblock
746   \printfield{note}%
747   \newunit\newblock
748   \usebibmacro{location+date}%
749   \newunit\newblock
750   \usebibmacro{chapter+pages}%
751   \newunit
752   \printfield{pagetotal}%
753   \newunit\newblock
754   \usebibmacro{doi+eprint+url}%
755   \newunit\newblock
756   \usebibmacro{addendum+pubstate}%
757   \newblock
758   \iftoggle{bbx:related}
759     {\ifdefstring{\bbx@relatedformat}{semicolon}%
760     {\setunit{\addsemicolon\space}}%
761     {\setunit{\unspace\space}}}%horrible trick
762   \usebibmacro{related:init}%
763   \usebibmacro{related}}%

```

```

764     {}%
765   \newunit\newblock
766   \usebibmacro{pageref}%
767   \usebibmacro{finentry}}
768
769 \DeclareBibliographyDriver{collection}{%
770   \usebibmacro{bibindex}%
771   \usebibmacro{begentry}%
772   \usebibmacro{editor+others}%
773   \setunit{\labelnamepunct}\newblock
774   \usebibmacro{maintitle+title}%
775   \newunit
776   \printlist{language}%
777   \newunit\newblock
778   \usebibmacro{byeditor+others}%
779   \newunit\newblock
780   \printfield{edition}%
781   \newunit
782   \iffieldundef{maintitle}
783     {\printfield{volume}%
784      \printfield{part}}
785     {}%
786   \newunit
787   \printfield{volumes}%
788   \newunit\newblock
789   \usebibmacro{series+number}%
790   \newunit\newblock
791   \printfield{note}%
792   \newunit\newblock
793   \usebibmacro{publisher+location+date}%
794   \newunit\newblock
795   \usebibmacro{chapter+pages}%
796   \newunit
797   \printfield{pagetotal}%
798   \newunit\newblock
799   \iftoggle{bbx:isbn}
800     {\printfield{isbn}}
801     {}%
802   \newunit\newblock
803   \usebibmacro{doi+eprint+url}%
804   \newunit\newblock
805   \usebibmacro{addendum+pubstate}%
806   \newblock
807   \iftoggle{bbx:related}
808     {\ifdefstring{bbx@relatedformat}{semicolon}%
809      {\setunit{\addsemicolon\space}}%
810      {\setunit{\unspace\space}}}%horrible trick
811   \usebibmacro{related:init}%
812   \usebibmacro{related}}%
813   {}%
814   \newunit\newblock
815   \usebibmacro{pageref}%
816   \usebibmacro{finentry}}

```



```

817
818 \DeclareBibliographyDriver{inbook}{%
819 \togglefalse{cbx:scauthorscite}%
820 \usebibmacro{bibindex}%
821 \usebibmacro{begentry}%
822 \usebibmacro{author/translator+others}%
823 \setunit{\labelnamepunct}\newblock
824 \usebibmacro{title}%
825 \newunit
826 \printlist{language}%
827 \newunit\newblock
828 \usebibmacro{byauthor}%
829 \newunit\newblock
830 \usebibmacro{in:}%
831 \iffieldundef{xref}%
832 {\iffieldundef{crossref}{\usebibmacro{inbook:full}}}%
833 {\bbx@crossref@inbook{\thefield{crossref}}}%
834 \newunit\newblock
835 \usebibmacro{crossrefdata}}}%
836 {\bbx@crossref@inbook{\thefield{xref}}}%
837 \newunit\newblock
838 \usebibmacro{xrefdata}}}%
839
840 \newbibmacro*{inbook:full}{%
841 \usebibmacro{bybookauthor}%
842 \newunit\newblock
843 \usebibmacro{maintitle+booktitle}%
844 \newunit\newblock
845 \usebibmacro{byeditor+others}%
846 \newunit\newblock
847 \printfield{edition}%
848 \newunit
849 \printfield{volumes}%
850 \newunit\newblock
851 \usebibmacro{series+number}%
852 \newunit\newblock
853 \printfield{note}%
854 \newunit\newblock
855 \usebibmacro{publisher+location+date}%
856 \newunit
857 \iffieldundef{maintitle}
858 {\printfield{volume}%
859 \printfield{part}}
860 {}%
861 \newunit\newblock
862 \usebibmacro{chapter+pages}%
863 \newunit\newblock
864 \iftoggle{bbx:isbn}
865 {\printfield{isbn}}
866 {}%
867 \newunit\newblock
868 \usebibmacro{doi+eprint+url}%
869 \newunit\newblock

```

```

870 \usebibmacro{addendum+pubstate:article-inbook-incoll}%
871 \newblock
872 \iftoggle{bbx:related}
873   {\ifdefstring{\bbx@relatedformat}{semicolon}%
874     {\setunit{\addsemicolon\space}}%
875     {\setunit{\unspace\space}}}%horrible trick
876 \usebibmacro{related:init}%
877 \usebibmacro{related}}%
878 {}%
879 \newunit\newblock
880 \usebibmacro{pageref}%
881 \usebibmacro{finentry}}
882
883 \DeclareBibliographyDriver{incollection}{%
884 \togglefalse{cbx:scauthorscite}%
885 \usebibmacro{bibindex}%
886 \usebibmacro{begentry}%
887 \usebibmacro{author/translator+others}%
888 \setunit{\labelnamepunct}\newblock
889 \usebibmacro{title}%
890 \newunit
891 \printlist{language}%
892 \newunit\newblock
893 \usebibmacro{byauthor}%
894 \newunit\newblock
895 \usebibmacro{in:}%
896 \iffieldundef{xref}%
897   {\iffieldundef{crossref}{\usebibmacro{incollection:full}}}%
898   {\bbx@crossref@incollection{\thefield{crossref}}}%
899 \newunit\newblock
900 \usebibmacro{crossrefdata}}}%
901 {\bbx@crossref@incollection{\thefield{xref}}}%
902 \newunit\newblock
903 \usebibmacro{xrefdata}}}%
904
905 \newbibmacro*{incollection:full}{%
906 \usebibmacro{maintitle+booktitle}%
907 \newunit\newblock
908 \usebibmacro{byeditor+others}%
909 \newunit\newblock
910 \printfield{edition}%
911 \newunit
912 \printfield{volumes}%
913 \newunit\newblock
914 \usebibmacro{series+number}%
915 \newunit\newblock
916 \printfield{note}%
917 \newunit\newblock
918 \usebibmacro{publisher+location+date}%
919 \newunit
920 \iffieldundef{maintitle}
921   {\printfield{volume}%
922     \printfield{part}}

```

```

923     {}%
924   \newunit\newblock
925   \usebibmacro{chapter+pages}%
926   \newunit\newblock
927   \iftoggle{bbx:isbn}
928     {\printfield{isbn}}
929     {}%
930   \newunit\newblock
931   \usebibmacro{doi+eprint+url}%
932   \newunit\newblock
933   \usebibmacro{addendum+pubstate:article-inbook-incoll}%
934   \newblock
935   \iftoggle{bbx:related}
936     {\ifdefstring{\bbx@relatedformat}{semicolon}%
937       {\setunit{\addsemicolon\space}}%
938       {\setunit{\unspace\space}}}%horrible trick
939   \usebibmacro{related:init}%
940   \usebibmacro{related}}%
941   {}%
942   \newunit\newblock
943   \usebibmacro{pageref}%
944   \usebibmacro{finentry}}
945
946 \DeclareBibliographyDriver{inproceedings}{%
947 \togglefalse{cbx:scauthorscite}%
948   \usebibmacro{bibindex}%
949   \usebibmacro{begentry}%
950   \usebibmacro{author/translator+others}%
951   \setunit{\labelnamepunct}\newblock
952   \usebibmacro{title}%
953   \newunit
954   \printlist{language}%
955   \newunit\newblock
956   \usebibmacro{byauthor}%
957   \newunit\newblock
958   \usebibmacro{in:}%
959   \iffieldundef{xref}%
960     {\iffieldundef{crossref}{\usebibmacro{inproceedings:full}}}%
961     {\bbx@crossref@incollection{\thefield{crossref}}}%
962   \newunit\newblock
963   \usebibmacro{crossrefdata}}}%
964   {\bbx@crossref@incollection{\thefield{xref}}}%
965   \newunit\newblock
966   \usebibmacro{xrefdata}}
967
968 \newbibmacro*{inproceedings:full}{%
969   \usebibmacro{maintitle+booktitle}%
970   \newunit\newblock
971   \usebibmacro{event+venue+date}%
972   \newunit\newblock
973   \usebibmacro{byeditor+others}%
974   \newunit
975   \printfield{volumes}%

```

```

976 \newunit\newblock
977 \usebibmacro{series+number}%
978 \newunit\newblock
979 \printfield{note}%
980 \newunit\newblock
981 \printlist{organization}%
982 \newunit
983 \usebibmacro{publisher+location+date}%
984 \newunit
985 \iffieldundef{maintitle}
986   {\printfield{volume}%
987     \printfield{part}}
988   {}%
989 \newunit\newblock
990 \usebibmacro{chapter+pages}%
991 \newunit\newblock
992 \iftoggle{bbx:isbn}
993   {\printfield{isbn}}
994   {}%
995 \newunit\newblock
996 \usebibmacro{doi+eprint+url}%
997 \newunit\newblock
998 \usebibmacro{addendum+pubstate:article-inbook-incoll}%
999 \newblock
1000 \iftoggle{bbx:related}
1001   {\ifdefstring{\bbx@relatedformat}{semicolon}%
1002     {\setunit{\addsemicolon\space}}%
1003     {\setunit{\unspace\space}}}%horrible trick
1004   \usebibmacro{related:init}%
1005   \usebibmacro{related}}%
1006   {}%
1007 \newunit\newblock
1008 \usebibmacro{pageref}%
1009 \usebibmacro{finentry}}
1010
1011 \DeclareBibliographyDriver{manual}{%
1012   \usebibmacro{bibindex}%
1013   \usebibmacro{begentry}%
1014   \usebibmacro{author/editor}%
1015   \setunit{\labelnamepunct}\newblock
1016   \usebibmacro{title}%
1017   \newunit
1018   \printlist{language}%
1019   \newunit\newblock
1020   \usebibmacro{byauthor}%
1021   \newunit\newblock
1022   \usebibmacro{byeditor}%
1023   \newunit\newblock
1024   \printfield{edition}%
1025   \newunit\newblock
1026   \usebibmacro{series+number}%
1027   \newunit\newblock
1028   \printfield{type}%

```

```

1029 \newunit
1030 \printfield{version}%
1031 \newunit
1032 \printfield{note}%
1033 \newunit\newblock
1034 \printlist{organization}%
1035 \newunit
1036 \usebibmacro{publisher+location+date}%
1037 \newunit\newblock
1038 \usebibmacro{chapter+pages}%
1039 \newunit
1040 \printfield{pagetotal}%
1041 \newunit\newblock
1042 \iftoggle{bbx:isbn}
1043   {\printfield{isbn}}
1044   {}%
1045 \newunit\newblock
1046 \usebibmacro{doi+eprint+url}%
1047 \newunit\newblock
1048 \usebibmacro{addendum+pubstate}%
1049 \newblock
1050 \iftoggle{bbx:related}
1051   {\ifdefstring{\bbx@relatedformat}{semicolon}%
1052     {\setunit{\addsemicolon\space}}}%
1053   {\setunit{\unspace\space}}}%horrible trick
1054 \usebibmacro{related:init}%
1055 \usebibmacro{related}}%
1056 {}%
1057 \newunit\newblock
1058 \usebibmacro{pageref}%
1059 \usebibmacro{finentry}}
1060
1061 \DeclareBibliographyDriver{misc}{%
1062   \usebibmacro{bibindex}%
1063   \usebibmacro{begentry}%
1064   \usebibmacro{author/editor+others/translator+others}%
1065   \setunit{\labelnamepunct}\newblock
1066   \usebibmacro{title}%
1067   \newunit
1068   \printlist{language}%
1069   \newunit\newblock
1070   \usebibmacro{byauthor}%
1071   \newunit\newblock
1072   \usebibmacro{byeditor+others}%
1073   \newunit\newblock
1074   \printfield{howpublished}%
1075   \newunit\newblock
1076   \printfield{type}%
1077   \newunit
1078   \printfield{version}%
1079   \newunit
1080   \printfield{note}%
1081   \newunit\newblock

```

```

1082 \usebibmacro{organization+location+date}%
1083 \newunit\newblock
1084 \usebibmacro{doi+eprint+url}%
1085 \newunit\newblock
1086 \usebibmacro{addendum+pubstate}%
1087 \newblock
1088 \iftoggle{bbx:related}
1089   {\ifdefstring{\bbx@relatedformat}{semicolon}%
1090    {\setunit{\addsemicolon\space}}%
1091    {\setunit{\unspace\space}}}%horrible trick
1092   \usebibmacro{related:init}%
1093   \usebibmacro{related}}%
1094   {}%
1095 \newunit\newblock
1096 \usebibmacro{pageref}%
1097 \usebibmacro{finentry}}
1098
1099 \DeclareBibliographyDriver{online}{%
1100   \usebibmacro{bibindex}%
1101   \usebibmacro{begentry}%
1102   \usebibmacro{author/editor+others/translator+others}%
1103   \setunit{\labelnamepunct}\newblock
1104   \usebibmacro{title}%
1105   \newunit
1106   \printlist{language}%
1107   \newunit\newblock
1108   \usebibmacro{byauthor}%
1109   \newunit\newblock
1110   \usebibmacro{byeditor+others}%
1111   \newunit\newblock
1112   \printfield{version}%
1113   \newunit
1114   \printfield{note}%
1115   \newunit\newblock
1116   \printlist{organization}%
1117   \newunit\newblock
1118   \usebibmacro{date}%
1119   \newunit\newblock
1120   \iftoggle{bbx:eprint}
1121     {\usebibmacro{eprint}}
1122     {}%
1123   \newunit\newblock
1124   \usebibmacro{url+urldate}%
1125   \newunit\newblock
1126   \usebibmacro{addendum+pubstate}%
1127   \newblock
1128   \iftoggle{bbx:related}
1129     {\ifdefstring{\bbx@relatedformat}{semicolon}%
1130      {\setunit{\addsemicolon\space}}%
1131      {\setunit{\unspace\space}}}%horrible trick
1132     \usebibmacro{related:init}%
1133     \usebibmacro{related}}%
1134     {}%

```

```

1135 \newunit\newblock
1136 \usebibmacro{pageref}%
1137 \usebibmacro{finentry}}
1138
1139 \DeclareBibliographyDriver{patent}{%
1140 \usebibmacro{bibindex}%
1141 \usebibmacro{begentry}%
1142 \usebibmacro{author}%
1143 \setunit{\labelnamepunct}\newblock
1144 \usebibmacro{title}%
1145 \newunit
1146 \printlist{language}%
1147 \newunit\newblock
1148 \usebibmacro{byauthor}%
1149 \newunit\newblock
1150 \printfield{type}%
1151 \setunit*{\addspace}%
1152 \printfield{number}%
1153 \iflistundef{location}
1154 {}
1155 {\setunit*{\addspace}%
1156 \printtext[parens]{%
1157 \printlist[][-\value{listtotal}]{location}}}%
1158 \newunit\newblock
1159 \usebibmacro{byholder}%
1160 \newunit\newblock
1161 \printfield{note}%
1162 \newunit\newblock
1163 \usebibmacro{date}%
1164 \newunit\newblock
1165 \usebibmacro{doi+eprint+url}%
1166 \newunit\newblock
1167 \usebibmacro{addendum+pubstate}%
1168 \newblock
1169 \iftoggle{bbx:related}
1170 {\ifdefstring{\bbx@relatedformat}{semicolon}%
1171 {\setunit{\addsemicolon\space}}%
1172 {\setunit{\unspace\space}}}%horrible trick
1173 \usebibmacro{related:init}%
1174 \usebibmacro{related}}%
1175 {}%
1176 \newunit\newblock
1177 \usebibmacro{pageref}%
1178 \usebibmacro{finentry}}
1179
1180 \DeclareBibliographyDriver{periodical}{%
1181 \usebibmacro{bibindex}%
1182 \usebibmacro{begentry}%
1183 \usebibmacro{editor}%
1184 \setunit{\labelnamepunct}\newblock
1185 \usebibmacro{title+issuetitle}%
1186 \newunit
1187 \printlist{language}%

```

```

1188 \newunit\newblock
1189 \usebibmacro{byeditor}%
1190 \newunit\newblock
1191 \printfield{note}%
1192 \newunit\newblock
1193 \iftoggle{bbx:isbn}
1194   {\printfield{issn}}
1195   {}%
1196 \newunit\newblock
1197 \usebibmacro{doi+eprint+url}%
1198 \newunit\newblock
1199 \usebibmacro{addendum+pubstate}%
1200 \newblock
1201 \iftoggle{bbx:related}
1202   {\ifdefstring{\bbx@relatedformat}{semicolon}%
1203     {\setunit{\addsemicolon\space}}%
1204     {\setunit{\unspace\space}}}%horrible trick
1205   \usebibmacro{related:init}%
1206   \usebibmacro{related}}%
1207   {}%
1208 \newunit\newblock
1209 \usebibmacro{pageref}%
1210 \usebibmacro{finentry}}
1211
1212 \DeclareBibliographyDriver{proceedings}{%
1213   \usebibmacro{bibindex}%
1214   \usebibmacro{begentry}%
1215   \usebibmacro{editor+others}%
1216   \setunit{\labelnamepunct}\newblock
1217   \usebibmacro{maintitle+title}%
1218   \newunit
1219   \printlist{language}%
1220   \newunit\newblock
1221   \usebibmacro{event+venue+date}%
1222   \newunit\newblock
1223   \usebibmacro{byeditor+others}%
1224   \newunit\newblock
1225   \iffieldundef{maintitle}
1226     {\printfield{volume}%
1227       \printfield{part}}
1228     {}%
1229   \newunit
1230   \printfield{volumes}%
1231   \newunit\newblock
1232   \usebibmacro{series+number}%
1233   \newunit\newblock
1234   \printfield{note}%
1235   \newunit\newblock
1236   \printlist{organization}%
1237   \newunit
1238   \usebibmacro{publisher+location+date}%
1239   \newunit\newblock
1240   \usebibmacro{chapter+pages}%

```



```

1241 \newunit
1242 \printfield{pagetotal}%
1243 \newunit\newblock
1244 \iftoggle{bbx:isbn}
1245   {\printfield{isbn}}
1246   {}%
1247 \newunit\newblock
1248 \usebibmacro{doi+eprint+url}%
1249 \newunit\newblock
1250 \usebibmacro{addendum+pubstate}%
1251 \newblock
1252 \iftoggle{bbx:related}
1253   {\ifdefstring{\bbx@relatedformat}{semicolon}%
1254     {\setunit{\addsemicolon\space}}%
1255     {\setunit{\unspace\space}}}%horrible trick
1256   \usebibmacro{related:init}%
1257   \usebibmacro{related}}%
1258   {}%
1259 \newunit\newblock
1260 \usebibmacro{pageref}%
1261 \usebibmacro{finentry}}
1262
1263 \DeclareBibliographyDriver{report}{%
1264   \usebibmacro{bibindex}%
1265   \usebibmacro{begentry}%
1266   \usebibmacro{author}%
1267   \setunit{\labelnamepunct}\newblock
1268   \usebibmacro{title}%
1269   \newunit
1270   \printlist{language}%
1271   \newunit\newblock
1272   \usebibmacro{byauthor}%
1273   \newunit\newblock
1274   \printfield{type}%
1275   \setunit*{\addspace}%
1276   \printfield{number}%
1277   \newunit\newblock
1278   \printfield{version}%
1279   \newunit
1280   \printfield{note}%
1281   \newunit\newblock
1282   \usebibmacro{institution+location+date}%
1283   \newunit\newblock
1284   \usebibmacro{chapter+pages}%
1285   \newunit
1286   \printfield{pagetotal}%
1287   \newunit\newblock
1288   \iftoggle{bbx:isbn}
1289     {\printfield{isrn}}
1290     {}%
1291   \newunit\newblock
1292   \usebibmacro{doi+eprint+url}%
1293   \newunit\newblock

```

```

1294 \usebibmacro{addendum+pubstate}%
1295 \newblock
1296 \iftoggle{bbx:related}
1297   {\ifdefstring{\bbx@relatedformat}{semicolon}%
1298    {\setunit{\addsemicolon\space}}%
1299    {\setunit{\unspace\space}}}%horrible trick
1300 \usebibmacro{related:init}%
1301 \usebibmacro{related}}%
1302 {}%
1303 \newunit\newblock
1304 \usebibmacro{pageref}%
1305 \usebibmacro{finentry}}
1306
1307 \DeclareBibliographyDriver{thesis}{%
1308   \usebibmacro{bibindex}%
1309   \usebibmacro{begentry}%
1310   \usebibmacro{author}%
1311   \setunit{\labelnamepunct}\newblock
1312   \usebibmacro{title}%
1313   \newunit
1314   \printlist{language}%
1315   \newunit\newblock
1316   \usebibmacro{byauthor}%
1317   \newunit\newblock
1318   \printfield{note}%
1319   \newunit\newblock
1320   \printfield{type}%
1321   \newunit
1322   \usebibmacro{institution+location+date}%
1323   \newunit\newblock
1324   \usebibmacro{chapter+pages}%
1325   \newunit
1326   \printfield{pagetotal}%
1327   \newunit\newblock
1328   \iftoggle{bbx:isbn}
1329     {\printfield{isbn}}
1330     {}%
1331   \newunit\newblock
1332   \usebibmacro{doi+eprint+url}%
1333   \newunit\newblock
1334   \usebibmacro{addendum+pubstate}%
1335   \newblock
1336   \iftoggle{bbx:related}
1337     {\ifdefstring{\bbx@relatedformat}{semicolon}%
1338      {\setunit{\addsemicolon\space}}%
1339      {\setunit{\unspace\space}}}%horrible trick
1340   \usebibmacro{related:init}%
1341   \usebibmacro{related}}%
1342   {}%
1343   \newunit\newblock
1344   \usebibmacro{pageref}%
1345   \usebibmacro{finentry}}
1346

```

```

1347 \DeclareBibliographyDriver{unpublished}{%
1348   \usebibmacro{bibindex}%
1349   \usebibmacro{begentry}%
1350   \usebibmacro{author}%
1351   \setunit{\labelnamepunct}\newblock
1352   \usebibmacro{title}%
1353   \newunit
1354   \printlist{language}%
1355   \newunit\newblock
1356   \usebibmacro{byauthor}%
1357   \newunit\newblock
1358   \printfield{howpublished}%
1359   \newunit\newblock
1360   \printfield{note}%
1361   \newunit\newblock
1362   \usebibmacro{location+date}%
1363   \newunit\newblock
1364   \iftoggle{bbx:url}
1365     {\usebibmacro{url+urldate}}
1366     {}%
1367   \newunit\newblock
1368   \usebibmacro{addendum+pubstate}%
1369   \newblock
1370   \iftoggle{bbx:related}
1371     {\ifdefstring{\bbx@relatedformat}{semicolon}%
1372      {\setunit{\addsemicolon\space}}%
1373      {\setunit{\unspace\space}}}%horrible trick
1374   \usebibmacro{related:init}%
1375   \usebibmacro{related}}%
1376   {}%
1377   \newunit\newblock
1378   \usebibmacro{pageref}%
1379   \usebibmacro{finentry}}
1380
1381 \DeclareBibliographyDriver{set}{%
1382   \protect\PackageWarningNoLine{biblatex-philosophy}{%
1383     \MessageBreak
1384     Entry type @set is not supported\MessageBreak
1385     by the 'biblatex-philosophy' styles.\MessageBreak
1386     All the @set entries will be ignored}}
1387
1388 % ripristina ordine nome cognome nelle voci inbook:full
1389 \renewbibmacro*{bybookauthor}{%
1390   \ifnameequal{author}{bookauthor}%
1391   {}%
1392   {\printnames[default]{bookauthor}}}
1393
1394 \newbibmacro*{cross:maintitle+booktitle}{%
1395   \iffieldundef{volume}
1396   {}%
1397   {\printfield{volume}%
1398    \printfield{part}%
1399    \setunit{\addcolon\space}%

```

```

1400      \printfield{booktitle}}}%
1401
1402 \newbibmacro*{xrefdata}{%
1403   \usebibmacro{cross:maintitle+booktitle}%
1404   \newunit\newblock
1405   \usebibmacro{byeditor+others}%
1406   \newunit\newblock
1407   \printfield{edition}%
1408 %   \newunit
1409 %   \iffieldundef{maintitle}
1410 %     {\printfield{volume}%
1411 %       \printfield{part}}
1412 %     {}%
1413   \newunit
1414   \printfield{volumes}%
1415   \newunit\newblock
1416   \usebibmacro{series+number}%
1417   \newunit\newblock
1418   \printfield{note}%
1419   \newunit\newblock
1420   \usebibmacro{publisher+location+date}%
1421   \newunit\newblock
1422   \usebibmacro{chapter+pages}%
1423   \newunit\newblock
1424   \iftoggle{bbx:isbn}
1425     {\printfield{isbn}}
1426     {}%
1427   \newunit\newblock
1428   \usebibmacro{doi+eprint+url}%
1429   \newunit\newblock
1430   \usebibmacro{addendum+pubstate:article-inbook-incoll}%
1431   \setunit{\bibpagerefpunct}\newblock
1432   \iftoggle{bbx:related}
1433     {\usebibmacro{related:init}%
1434       \usebibmacro{related}}
1435     {}%
1436   \newunit\newblock
1437   \usebibmacro{pageref}%
1438   \usebibmacro{finentry}}
1439
1440 \newbibmacro*{crossrefdata}{%
1441   \iffieldundef{maintitle}
1442     {\printfield{volume}%
1443       \printfield{part}}
1444     {}%
1445   \newunit\newblock
1446   \usebibmacro{chapter+pages}%
1447   \newunit\newblock
1448   \iftoggle{bbx:isbn}
1449     {\printfield{isbn}}
1450     {}%
1451   \newunit\newblock
1452   \usebibmacro{doi+eprint+url}%

```

```

1453 \setunit{\bibpagerefpunct}\newblock
1454 \iftoggle{bbx:related}
1455   {\usebibmacro{related:init}}%
1456   \usebibmacro{related}}
1457   {}%
1458 \newunit\newblock
1459 \usebibmacro{pageref}%
1460 \usebibmacro{finentry}}

```

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

```

1461 %\DeclareFieldFormat[jurisprudence]{title}{#1}
1462 %\DeclareFieldFormat[jurisprudence]{pages}{#1}
1463 %\ExecuteBibliographyOptions[jurisprudence]{skipbib=true}%
1464 \DeclareFieldFormat[jurisdiction]{volume}{\RN{#1}}
1465 \DeclareFieldFormat[jurisdiction]{number}{\bibsstring{number}~{#1}}
1466 \DeclareFieldFormat[jurisdiction]{nameaddon}{%
1467   \ifinteger{#1}{\bibcpsstring{section}~\RN{#1}}{#1}}
1468 \DeclareFieldFormat[jurisdiction]{pages}{%
1469   \iffieldundef{bookpagination}{#1}{\mkpageprefix{bookpagination}{#1}}}
1470 \DeclareFieldFormat[jurisdiction]{title}{%
1471   \iffieldequalstr{entrysubtype}{international}{\emph{#1}}{#1}}
1472 \DeclareFieldFormat[jurisdiction]{notacomm}{nt\adddotspace#1}

```

A new macro to manage authors of @jurisdiction entries.

```

1473 \newbibmacro*{juris:author}{%
  Use the default name format: "name surname"
1474 \DeclareNameAlias{sortname}{default}%
1475   \ifboolexpr{%
1476     test \ifuseauthor
1477     and
1478     not test {\ifnameundef{author}}
1479   }%
1480   {%
1481     \iffieldequalstr{type}{conclusions}{%
1482       \printtext{Conclusioni dell'Avv\adddotspace generale}%
1483       \setunit{\addspace}}{%
1484 \printnames{author}%
1485     \iffieldundef{authortype}
1486       {}
1487       {\setunit{\addcomma\space}%
1488 \usebibmacro{authorstrg}}
1489     }%
1490 \iffieldequalstr{type}{conclusions}{%
1491   \setunit{\addspace}%
1492   \printtext{presentate il}%
1493   \setunit{\addspace}%
1494 }{%
1495   \setunit{\addcomma\space}%
1496   \iffieldundef{nameaddon}{}%
1497 \printtext{\printfield{nameaddon}}%
1498 \setunit{\addcomma\space}}}%
1499 }%
1500   \printeventdate}

```

```

1501
1502 \newbibmacro*{addendum+pubstate:juris}{%
1503   \printfield{usera}%notacomm
1504   \newunit\newblock
1505   \printfield{addendum}%
1506   \newunit\newblock
1507   \printfield{pubstate}%
1508   \ifdefstring{\bbx@origfields}{none}{}{%
1509     \newunit\newblock
1510     \usebibmacro{origdata:article-inbook}}%
1511   \newunit\newblock
1512   \usebibmacro{library}}
1513
1514 \DeclareBibliographyDriver{jurisdiction}{%
1515   \usebibmacro{bibindex}%
1516   \usebibmacro{begentry}%
1517   \usebibmacro{juris:author}%
1518   \setunit{\labelnamepunct}\newblock
1519   \usebibmacro{title}%
1520   \newunit\newblock
1521   \usebibmacro{series+number}%
1522   \printlist{language}%
1523   \newunit\newblock
1524   \usebibmacro{byauthor}%
1525   \newunit\newblock
1526   \iffieldundef{booktitle}{}{%
1527     \usebibmacro{in:}%
1528     \usebibmacro{maintitle+booktitle}%
1529     \newunit\newblock
1530   }
1531   \printtext{%
1532     \printfield{labelyear}%
1533     \printfield{extrayear}%
1534     \usebibmacro{byeditor+others}%
1535     \newunit\newblock
1536     \printfield{edition}%
1537     \newunit
1538     \iffieldundef{maintitle}
1539     {\printfield{volume}%
1540      \printfield{part}}
1541     {}%
1542   }
1543   \newunit
1544   \printfield{volumes}%
1545   \newunit\newblock
1546   \printfield{note}%
1547   \newunit\newblock
1548   \usebibmacro{publisher+location+date}%
1549   \newunit\newblock
1550   \usebibmacro{chapter+pages}%
1551   \newunit\newblock
1552   \iftoggle{bbx:isbn}
1553   {\printfield{isbn}}
1554   {}%
1555   \newunit\newblock}

```

```

1554 \usebibmacro{doi+eprint+url}%
1555 \newunit\newblock
1556 \usebibmacro{addendum+pubstate:juris}%
1557 \newblock
1558 \iftoggle{bbx:related}
1559   {\ifdefstring{\bbx@relatedformat}{semicolon}%
1560    {\setunit{\addsemicolon\space}}%
1561    {\setunit{\unspace\space}}}%horrible trick
1562 \usebibmacro{related:init}%
1563 \usebibmacro{related}}%
1564 {}%
1565 \newunit\newblock
1566 \usebibmacro{pageref}%
1567 \usebibmacro{finentry}}

```

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

```

1568 \ifblx@load@version@one
1569 \else
1570 \DeclareStyleSourceMap{
1571 \maps[datatype=bibtex]{
1572   \map{
1573     \step[fieldsource=court      , fieldtarget=author]
1574     \step[fieldsource=notacomm   , fieldtarget=usera]
1575     \step[fieldsource=section    , fieldtarget=nameaddon]
1576     \step[fieldsource=transdate  , fieldtarget=origdate]
1577     \step[fieldsource=transtitle , fieldtarget=origtitle]
1578     \step[fieldsource=tranpublisher , fieldtarget=origpublisher]
1579     \step[fieldsource=translocation , fieldtarget=origlocation]
1580     \step[fieldsource=transbooktitle, fieldtarget=usera]
1581     \step[fieldsource=transnote   , fieldtarget=userb]
1582     \step[fieldsource=transpages  , fieldtarget=userc]
1583     \step[fieldsource=origbooktitle , fieldtarget=usera]
1584     \step[fieldsource=orignote    , fieldtarget=userb]
1585     \step[fieldsource=origpages   , fieldtarget=userc]
1586   }
1587 }
1588 }
1589 \fi
1590 \DeclareDataInheritance{*}{*}{\noinherit{annotation}}
1591
1592 \DeclareFieldAlias[jurisdiction]{usera}[jurisdiction]{notacomm}
1593 \DeclareFieldAlias[jurisdiction]{nameaddon}[jurisdiction]{section}
1594 \DeclareFieldAlias[jurisdiction]{author}[jurisdiction]{court}
1595

```

## 12.2 philosophy-classic.bbx

### 12.2.1 Initial settings

```

1596 \RequireBibliographyStyle{authoryear}
1597 \RequireBibliographyStyle{philosophy-standard}
1598
1599 \newtoggle{bbx:square}
1600 \newtoggle{bbx:nodate}

```

```

1601
1602 \DeclareBibliographyOption{square}[true]{%
1603   \settoggle{bbx:square}{#1}}
1604 \DeclareBibliographyOption{nodate}[true]{%
1605   \settoggle{bbx:nodate}{#1}}
1606
1607 \ExecuteBibliographyOptions{%
1608   nodate      = true,
1609   uniquename  = false,
1610   pagetracker = true,
1611   singletitle = false,
1612   square      = false,
1613   mergedate   = basic,
1614   dashed      = true,
1615 }

```

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:

```

1616 \AtBeginShorthands{%
1617 \togglefalse{bbx:annotation}%
1618 \renewcommand{\labelnamepunct}{\addcomma\space}%
1619 \renewbibmacro*{relateddate}{%
1620   \setunit*{\addspace}%
1621   \printdate}%
1622 \renewbibmacro*{commarelateddate}{%
1623   \setunit*{\addcomma\space}%
1624   \printdate}%
1625 \DeclareCiteCommand{\bbx@crossref@inbook}
1626 {}%
1627 {\iffieldundef{shorthand}}{%
1628   \usebibmacro{citeindex}%
1629   \ifuseeditor{%
1630     \ifthenelse{\value{listtotal}=2}%
1631       {\printnames[][-\value{maxnamesincross}]{labelname}}%
1632       {\printnames[][-\value{minnamesincross}]{labelname}}}%
1633   {\usebibmacro{labeltitle}}}%
1634   \setunit*{\addspace}%
1635   \usebibmacro{date+extrayear:crossref}}%
1636   {\usebibmacro{cite:shorthand}}}%
1637 {}%
1638 {}%
1639 \DeclareCiteCommand{\bbx@crossref@incollection}%
1640 {}%
1641 {\iffieldundef{shorthand}}{%
1642   \usebibmacro{citeindex}%
1643   \ifuseeditor{%
1644     \ifthenelse{\value{listtotal}=2}%
1645       {\printnames[][-\value{maxnamesincross}]{labelname}}%
1646       {\printnames[][-\value{minnamesincross}]{labelname}}}%
1647   {\usebibmacro{labeltitle}}}%
1648   \setunit*{\addspace}%
1649   \usebibmacro{date+extrayear:crossref}}%

```



```

1650    {\usebibmacro{cite:shorthand}}}%
1651    {}%
1652    {}%
1653 \newbibmacro*{date+extrayear:crossref}{%
1654     \begingroup%
1655     \clearfield{month}%
1656     \clearfield{day}%
1657     \ifboolexpr{%
1658         test {\iffieldundef{date}}
1659         and
1660         test {\iffieldundef{year}}
1661     }%
1662     {\iftoggle{bbx:nodate}{\printtext[parens]{%
1663         \midsentence\bibstring{nodate}}{}}}%
1664     {\printtext[parens]{\printdateextra}}}%
1665     \endgroup}%
1666 \newbibmacro*{date+extrayear}{}%
1667 }%
1668
1669 \AtBeginDocument{%
1670     \iftoggle{bbx:square}
1671     {\renewcommand{\bibopenparen}{\bibopenbracket}%
1672     \renewcommand{\bibcloseparen}{\bibclosebracket}}%
1673     {}%
1674     \setcounter{maxnamesincross}{\value{maxnames}}%
1675     \setcounter{minnamesincross}{\value{minnames}}%
1676 }%
1677
1678 \AtEveryBibitem{%
1679 \iffieldequalstr{entrysubtype}{classic}{%
1680     \togglefalse{bbx:nodate}}}%
1681

```

### 12.2.2 New macros

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

```

1682 \renewbibmacro*{relateddate}{}
1683 \renewbibmacro*{commarelateddate}{}

```

### Dates

```

1684 \renewbibmacro*{issue+date}{%
1685     \ifboolexpr{%
1686         test {\iffieldundef{issue}}
1687         and
1688         test {\iffieldundef{month}}
1689     }%
1690     {}%
1691     {\ifdefstring{\bbx@volnumformat}{parens}%
1692     {\printtext{%
1693         \printfield{issue}\setunit*{\addspace}%
1694         \printdate}}%
1695     {\printtext[pureparens]{%
1696         \printfield{issue}\setunit*{\addspace}%
1697         \printdate}}}%

```

```
1698 \newunit}%
```

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

```
1699 \renewbibmacro*{date+extrayear}{%
1700     \begingroup%
1701     \clearfield{month}%
1702     \clearfield{day}%
1703     \ifboolexpr{%
1704         test {\iffieldundef{date}}
1705         and
1706         test {\iffieldundef{year}}
1707     }%
1708     {\iftoggle{bbx:nodate}{\printtext[parens]{%
1709         \midsentence\bibstring{nodate}}{}}}%
1710     {\printtext[parens]{\printdateextra}}}%
1711     \endgroup}%
```

## Authors and editors

```
1712 \renewbibmacro*{author}{%
1713     \ifboolexpr{%
1714         test \ifuseauthor
1715         and
1716         not test {\ifnameundef{author}}
1717     }%
1718     {\usebibmacro{bbx:dashcheck}%
1719         {\bibnamedash}%
1720         {\usebibmacro{bbx:savehash}%
1721             \printnames{author}%
1722             \iffieldundef{nameaddon}{}%
1723             {\setunit{\addspace}%
1724                 \printtext[brackets]{\printfield{nameaddon}}}%
1725             \iffieldundef{authortype}%
1726             {\setunit{\addspace}}}%
1727             {\setunit{\addcomma\space}}}%
1728             \iffieldundef{authortype}%
1729             {}%
1730             {\usebibmacro{authorstrg}%
1731                 \setunit{\addspace}}}%
1732         {\global\undef\bbx@lasthash%
1733             \usebibmacro{labeltitle}%
1734             \setunit*{\addspace}}}%
1735     \usebibmacro{date+extrayear}}}%
1736
1737 \renewbibmacro*{editor}{%
1738     \usebibmacro{bbx:editor}{editorstrg}}}%
1739 \renewbibmacro*{editor+others}{%
1740     \usebibmacro{bbx:editor}{editor+othersstrg}}}%
1741 \renewbibmacro*{bbx:editor}[1]{%
1742     \ifboolexpr{%
1743         test \ifuseeditor
1744         and
1745         not test {\ifnameundef{editor}}
1746     }%
1747     {\usebibmacro{bbx:dashcheck}%
```

```

1748      {\bibnamedash}%
1749      {\printnames{editor}}%
1750 \setunit{\addspace}%
1751 \usebibmacro{bbx:savehash}}%
1752      \usebibmacro{#1}%
1753      \clearname{editor}%
1754      \setunit{\addspace}}%
1755      {\global\undef\bbx@lasthash%
1756      \usebibmacro{labeltitle}}%
1757      \setunit*{\addspace}}%
1758 \usebibmacro{date+extrayear}}%

```

### 12.2.3 Internal commands for crossreferences

```

1759 \DeclareCiteCommand{\bbx@crossref@inbook}%
1760 {}%
1761 {\usebibmacro{citeindex}}%
1762 \ifuseeditor{%
1763   \ifthenelse{\value{listtotal}=2}%
1764     {\printnames[][-\value{maxnamesincross}]{labelname}}%
1765     {\printnames[][-\value{minnamesincross}]{labelname}}}%
1766   {\usebibmacro{labeltitle}}%
1767   \setunit*{\addspace}%
1768   \usebibmacro{date+extrayear}}%
1769 {}%
1770 {}%
1771
1772 \DeclareCiteCommand{\bbx@crossref@incollection}%
1773 {}%
1774 {\usebibmacro{citeindex}}%
1775 \ifuseeditor{%
1776   \ifthenelse{\value{listtotal}=2}%
1777     {\printnames[][-\value{maxnamesincross}]{labelname}}%
1778     {\printnames[][-\value{minnamesincross}]{labelname}}}%
1779   {\usebibmacro{labeltitle}}%
1780   \setunit*{\addspace}%
1781   \usebibmacro{date+extrayear}}%
1782 {}%
1783 {}%

```

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

```

1784 \define@key{blx@bib1}{restoreclassic}[]{}
1785 \define@key{blx@bib2}{restoreclassic}[true]{}

```

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

```

1786 \define@key{blx@bib1}{nodate}[]{}%
1787 \define@key{blx@bib2}{nodate}[true]{}%
1788 \ifstrequal{#1}{false}{%
1789   \togglefalse{bbx:nodate}%
1790 }{}%

```

## 12.3 philosophy-modern.bbx

### 12.3.1 Initial settings

```
1791 \RequireBibliographyStyle{philosophy-classic}
```

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

```
1792 \newtoggle{bbx:yearleft}
1793 \DeclareBibliographyOption{yearleft}[true]{%
1794   \settoggle{bbx:yearleft}{#1}}
1795 \ExecuteBibliographyOptions{%
1796   yearleft=false}
```

### 12.3.2 New lengths

```
1797 \newlength{\yeartitle}
1798 \newlength{\postnamesep}
1799 \setlength{\yeartitle}{0.8em}
1800 \setlength{\postnamesep}{0.5ex plus 2pt minus 1pt}
1801 \setlength{\bibitemsep}{\postnamesep}
1802 \setlength{\bibnamesep}{1.5ex plus 2pt minus 1pt}
1803 \setlength{\bibhang}{4\parindent}
1804
1805 \AtBeginBibliography{%
1806   \iftoggle{bbx:yearleft}{%
1807     \setlength{\yeartitle}{\filll}}}%
1808 {}}
```

### 12.3.3 New commands

```
1809 \newcommand{\postsep}{\par\nobreak\vskip\postnamesep%
1810   \hskip-\bibhang\ignorespaces}
1811 \renewcommand{\labelnamepunct}{}
1812
1813 \AtBeginShorthands{%
1814   \renewcommand{\postsep}{}%
1815   \renewcommand{\labelnamepunct}{\newunitpunct}}
```

### 12.3.4 New macros

#### Dates

```
1816 \renewbibmacro*{date+extrayear}{%
1817   \begingroup%
1818   \clearfield{month}%
1819   \clearfield{day}%
1820   \makebox[\bibhang][r]{\printtext{%
1821     \ifboolexpr{%
1822       test {\iffieldundef{date}}
1823       and
1824       test {\iffieldundef{year}}
1825     }%
1826     {\iftoggle{bbx:nodate}{\printtext{%
1827       \midsentence\bibstring{nodate}}}{}}%
1828     {\printtext{\printdateextra}}}%
1829     \hskip\yeartitle}}%
1830   \endgroup}%
1831
1832 \renewbibmacro*{labeltitle}{%
```

```

1833 \iffieldundef{label}%
1834   {\iffieldundef{shorttitle}%
1835    {\printfield{title}\clearfield{title}}}%
1836   {\printfield[title]{shorttitle}}}%
1837   {\printtext{\printfield{label}}}%
1838 \postsep}}

```

## Authors and editors

```

1839 \renewbibmacro*{author}{%
1840   \ifboolexpr{%
1841     test \ifuseauthor
1842     and
1843     not test {\ifnameundef{author}}
1844   }%
1845   {\usebibmacro{bbx:dashcheck}%
1846    {}%
1847    {\usebibmacro{bbx:savehash}%
1848     \printnames{author}%
1849     \iffieldundef{nameaddon}{}%
1850     {\setunit{\addspace}%
1851      \printtext[brackets]{\printfield{nameaddon}}}%
1852      \iffieldundef{authortype}%
1853      {}%
1854      {\setunit{\addcomma\space}}}%
1855     \usebibmacro{authorstrg}%
1856   \postsep}}%
1857   {\global\undef\bbx@lasthash%
1858    \usebibmacro{labeltitle}%
1859    \setunit*{\addspace}}%
1860   \usebibmacro{date+extrayear}}%
1861
1862 \renewbibmacro*{editor}{%
1863   \usebibmacro{bbx:editor}{editorstrg}}%
1864 \renewbibmacro*{editor+others}{%
1865   \usebibmacro{bbx:editor}{editor+othersstrg}}%
1866 \renewbibmacro*{bbx:editor}[1]{%
1867   \ifboolexpr{%
1868     test \ifuseeditor
1869     and
1870     not test {\ifnameundef{editor}}
1871   }%
1872   {\usebibmacro{bbx:dashcheck}%
1873    {}%
1874    {\printnames{editor}%
1875     \postsep%ADD
1876    \usebibmacro{bbx:savehash}}}%
1877   {\global\undef\bbx@lasthash%
1878    \usebibmacro{labeltitle}}%
1879   \usebibmacro{date+extrayear}%
1880   \iffieldundef{label}%
1881   {\usebibmacro{#1}%
1882    \clearname{editor}%
1883    \printtext{\addcomma\space}}}%

```

### 12.3.5 Internal commands for crossreferences

```

1884 \DeclareCiteCommand{\bbx@crossref@inbook}%
1885   {}%
1886   {\usebibmacro{citeindex}}%
1887   \ifuseeditor{%
1888     \ifthenelse{\value{listtotal}=2}%
1889       {\printnames[][-\value{maxnamesincross}]{labelname}}%
1890       {\printnames[][-\value{minnamesincross}]{labelname}}}%
1891   {\usebibmacro{labeltitle}}%
1892   \setunit*{\addspace}%
1893   \usebibmacro{classic:date+extrayear}}%
1894   {}%
1895   {}%
1896
1897 \DeclareCiteCommand{\bbx@crossref@incollection}%
1898   {}%
1899   {\usebibmacro{citeindex}}%
1900   \ifuseeditor{%
1901     \ifthenelse{\value{listtotal}=2}%
1902       {\printnames[][-\value{maxnamesincross}]{labelname}}%
1903       {\printnames[][-\value{minnamesincross}]{labelname}}}%
1904   {\usebibmacro{labeltitle}}%
1905   \setunit*{\addspace}%
1906   \usebibmacro{classic:date+extrayear}}%
1907   {}%
1908   {}%
1909
1910 \newbibmacro*{classic:date+extrayear}{%
1911   \begingroup%
1912     \clearfield{month}%
1913     \clearfield{day}%
1914   \ifboolexpr{%
1915     test {\iffieldundef{date}}
1916     and
1917     test {\iffieldundef{year}}}
1918   {%
1919     {\iftoggle{bbx:nodate}{\printtext[parens]{%
1920       \midsentence\bibstring{nodate}}}{}}}%
1921     {\printtext[parens]{%
1922       \printfield{labelyear}%
1923       \printfield{extrayear}}}%
1924     \endgroup}%

```

### 12.3.6 The restoreclassic option

```

1925 \define@key{blx@bib1}{restoreclassic}[]{}
1926 \define@key{blx@bib2}{restoreclassic}[true]{%
1927   \ifstrequal{#1}{true}{%
1928     \setlength{\bibhang}{\parindent}%
1929     \renewcommand{\labelnamepunct}{\newunitpunct}%
1930   \renewbibmacro*{date+extrayear}{%
1931     \begingroup%
1932       \clearfield{month}%
1933       \clearfield{day}%

```

```

1934 \ifboolexpr{%
1935     test {\iffieldundef{date}}
1936     and
1937     test {\iffieldundef{year}}
1938 }%
1939 {\iftoggle{bbx:nodate}{\printtext[parens]{%
1940     \midsentence\bibstring{nodate}}{}}}%
1941 {\printtext[parens]{\printdateextra}}%
1942 \endgroup}%
1943 \renewbibmacro*{author}{%
1944 \ifboolexpr{%
1945     test \ifuseauthor
1946     and
1947     not test {\ifnameundef{author}}
1948 }%
1949 {\usebibmacro{bbx:dashcheck}%
1950     {\bibnamedash}%
1951     {\usebibmacro{bbx:savehash}%
1952         \printnames{author}%
1953         \iffieldundef{nameaddon}{}%
1954         {\setunit{\addspace}%
1955             \printtext[brackets]{\printfield{nameaddon}}}%
1956 \iffieldundef{authortype}%
1957     {\setunit{\addspace}}}%
1958 {\setunit{\addcomma\space}}}%
1959 \iffieldundef{authortype}%
1960     {}%
1961     {\usebibmacro{authorstrg}%
1962 \setunit{\addspace}}}%
1963 {\global\undef\bbx@lasthash%
1964 \usebibmacro{labeltitle}%
1965 \setunit*{\addspace}}%
1966 \usebibmacro{date+extrayear}}%
1967 \renewbibmacro*{editor}{%
1968 \usebibmacro{bbx:editor}{editorstrg}}%
1969 \renewbibmacro*{editor+others}{%
1970 \usebibmacro{bbx:editor}{editor+othersstrg}}%
1971 \renewbibmacro*{bbx:editor}[1]{%
1972 \ifboolexpr{%
1973     test \ifuseeditor
1974     and
1975     not test {\ifnameundef{editor}}
1976 }%
1977 {\usebibmacro{bbx:dashcheck}%
1978     {\bibnamedash}%
1979     {\printnames{editor}%
1980 \setunit{\addspace}%
1981 \usebibmacro{bbx:savehash}}%
1982     \usebibmacro{#1}%
1983     \clearname{editor}%
1984     \setunit{\addspace}%
1985 {\global\undef\bbx@lasthash%
1986 \usebibmacro{labeltitle}%

```

```

1987 \setunit*{\addspace}}%
1988 \usebibmacro{date+extrayear}}%
1989 \renewbibmacro*{labeltitle}{%
1990 \iffieldundef{label}%
1991 {\iffieldundef{shorttitle}%
1992 {\printfield{title}%
1993 \clearfield{title}}}%
1994 {\printfield[title]{shorttitle}}}%
1995 {\printfield{label}}}%
1996 }{}%

```

## 12.4 philosophy-verbose.bbx

### 12.4.1 Initial settings

```

1997 \RequireBibliographyStyle{authortitle}
1998 \RequireBibliographyStyle{philosophy-standard}
1999 \AtBeginShorthands{%

```

The annotation field is omitted in the list of shorthands:

```

2000 \togglefalse{bbx:annotation}%

```

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

```

2001 \DeclareCiteCommand{\bbx@crossref@inbook}%
2002 {}%
2003 {\iffieldundef{shorthand}%
2004 {\usebibmacro{inbook:full}}}%
2005 {\usebibmacro{cite:shorthand}}}%
2006 {}%
2007 {}%
2008 \DeclareCiteCommand{\bbx@crossref@incollection}%
2009 {}%
2010 {\iffieldundef{shorthand}%
2011 {\usebibmacro{incollection:full}}}%
2012 {\usebibmacro{cite:shorthand}}}%
2013 {}%
2014 {}%
2015 }

```

### Authors and editors

```

2016 \renewbibmacro*{author}{%
2017 \ifboolexpr{%
2018 test \ifuseauthor
2019 and
2020 not test {\ifnameundef{author}}
2021 }%
2022 {\usebibmacro{bbx:dashcheck}%
2023 {\bibnamedash}%
2024 {\printnames{author}%
2025 \iffieldundef{nameaddon}{}%
2026 {\setunit{\addspace}%
2027 \printtext[brackets]{\printfield{nameaddon}}}%
2028 \setunit{\addcomma\space}%
2029 \usebibmacro{bbx:savehash}}}%
2030 \usebibmacro{authorstrg}}}%
2031 {\global\undef\bbx@lasthash}}%

```



```

2032
2033 \renewbibmacro*{editor}{%
2034   \usebibmacro{bbx:editor}{editorstrg}}%
2035 \renewbibmacro*{editor+others}{%
2036   \usebibmacro{bbx:editor}{editor+othersstrg}}%
2037 \renewbibmacro*{bbx:editor}[1]{%
2038   \ifboolexpr{%
2039     test \ifuseeditor
2040     and
2041     not test {\ifnameundef{editor}}
2042   }%
2043   {\usebibmacro{bbx:dashcheck}%
2044     {\bibnamedash}%
2045     {\printnames{editor}}%
2046   \setunit{\addspace}% #MOD#
2047     \usebibmacro{bbx:savehash}}%
2048   \usebibmacro{#1}%
2049   \clearname{editor}}%
2050   {\global\undef\bbx@lasthash}}%

```

#### 12.4.2 Internal commands for crossreferences

```

2051 \newbibmacro*{nodash:author}{%
2052   \ifboolexpr{%
2053     test \ifuseauthor
2054     and
2055     not test {\ifnameundef{author}}
2056   }%
2057   {\printnames{author}%
2058     \iffieldundef{nameaddon}{}%
2059     {\setunit{\addspace}%
2060       \printtext[brackets]{\printfield{nameaddon}}}%
2061   \setunit{\addcomma\space}%
2062   \usebibmacro{authorstrg}}%
2063   {\global\undef\bbx@lasthash}}
2064
2065 \newbibmacro*{nodash:editor+others}{%
2066   \usebibmacro{nodash:bbx:editor}{editor+othersstrg}}%
2067 \newbibmacro*{nodash:bbx:editor}[1]{%
2068   \ifboolexpr{%
2069     test \ifuseeditor
2070     and
2071     not test {\ifnameundef{editor}}
2072   }%
2073   {\printnames{editor}%
2074   \setunit{\addspace}%
2075     \usebibmacro{#1}%
2076     \clearname{editor}}%
2077   {\global\undef\bbx@lasthash}}
2078
2079 \newbibmacro*{nodash:author/editor+others/translator+others}{%
2080   \ifboolexpr{
2081     test \ifuseauthor
2082     and

```

```

2083   not test {\ifnameundef{author}}
2084 }
2085   {\usebibmacro{nodash:author}}
2086   {\ifboolexpr{
2087     test \ifuseeditor
2088     and
2089     not test {\ifnameundef{editor}}
2090   }
2091     {\usebibmacro{nodash:editor+others}}
2092     {\usebibmacro{translator+others}}}}
2093
2094 \newbibmacro*{usedriver:book}{%
2095   \usebibmacro{bibindex}%
2096   \usebibmacro{begentry}%
2097   \usebibmacro{nodash:author/editor+others/translator+others}%
2098   \setunit{\labelnamepunct}\newblock
2099   \usebibmacro{maintitle+title}%
2100   \newunit
2101   \printlist{language}%
2102   \newunit\newblock
2103   \usebibmacro{byauthor}%
2104   \newunit\newblock
2105   \usebibmacro{byeditor+others}%
2106   \newunit\newblock
2107   \printfield{edition}%
2108   \newunit
2109   \printfield{volumes}%
2110   \newunit\newblock
2111   \usebibmacro{series+number}%
2112   \newunit\newblock
2113   \printfield{note}%
2114   \newunit\newblock
2115   \usebibmacro{publisher+location+date}%
2116   \newunit
2117   \iffieldundef{maintitle}
2118     {\printfield{volume}%
2119     \printfield{part}}
2120     {}%
2121   \newunit\newblock
2122   \usebibmacro{chapter+pages}%
2123   \newunit
2124   \printfield{pagetotal}%
2125   \newunit\newblock
2126   \iftoggle{bbx:isbn}
2127     {\printfield{isbn}}
2128     {}%
2129   \newunit\newblock
2130   \usebibmacro{doi+eprint+url}%
2131   \newunit\newblock
2132   \usebibmacro{addendum+pubstate}%
2133   \newblock
2134   \iftoggle{bbx:related}
2135     {\ifdefstring{\bbx@relatedformat}{semicolon}%

```

```

2136     {\setunit{\addsemicolon\space}}%
2137     {\setunit{\unspace\space}}}%horrible trick
2138     \usebibmacro{related:init}%
2139     \usebibmacro{related}}}%
2140     {}%
2141 \newunit\newblock
2142 \usebibmacro{pageref}%
2143 }
2144 \newbibmacro*{usedriver:collection}{%
2145   \usebibmacro{bibindex}%
2146   \usebibmacro{begentry}%
2147   \usebibmacro{nodash:editor+others}%
2148   \setunit{\labelnamepunct}\newblock
2149   \usebibmacro{maintitle+title}%
2150   \newunit
2151   \printlist{language}%
2152   \newunit\newblock
2153   \usebibmacro{byeditor+others}%
2154   \newunit\newblock
2155   \printfield{edition}%
2156   \newunit
2157   \iffieldundef{maintitle}
2158     {\printfield{volume}%
2159     \printfield{part}}
2160     {}%
2161   \newunit
2162   \printfield{volumes}%
2163   \newunit\newblock
2164   \usebibmacro{series+number}%
2165   \newunit\newblock
2166   \printfield{note}%
2167   \newunit\newblock
2168   \usebibmacro{publisher+location+date}%
2169   \newunit\newblock
2170   \usebibmacro{chapter+pages}%
2171   \newunit
2172   \printfield{pagetotal}%
2173   \newunit\newblock
2174   \iftoggle{bbx:isbn}
2175     {\printfield{isbn}}
2176     {}%
2177   \newunit\newblock
2178   \usebibmacro{doi+eprint+url}%
2179   \newunit\newblock
2180   \usebibmacro{addendum+pubstate}%
2181   \newblock
2182   \iftoggle{bbx:related}
2183     {\ifdefstring{bbx@relatedformat}{semicolon}%
2184     {\setunit{\addsemicolon\space}}%
2185     {\setunit{\unspace\space}}}%horrible trick
2186     \usebibmacro{related:init}%
2187     \usebibmacro{related}}}%
2188     {}%

```

```

2189 \newunit\newblock
2190 \usebibmacro{pageref}%
2191 }
2192 \DeclareCiteCommand{\bbx@crossref@inbook}%
2193 {}%
2194 {\ifciteseen{%
2195   \ifthenelse{\value{listtotal}=2}%
2196     {\printnames[] [-\value{maxnamesincross}]{labelname}}%
2197     {\printnames[] [-\value{minnamesincross}]{labelname}}%
2198   \setunit*{\addcomma\space}\printtext{%
2199     \printfield[citetitle]{labeltitle}%
2200     \iftoggle{cbx:commacit}{\setunit{\addcomma\space}}%
2201     {\setunit{\addspace\midsentence}}%
2202     \bibstring{cited}}}%
2203   {\DeclareNameAlias{sortname}{default}%
2204     \usebibmacro{usedriver:book}}}%
2205 {}%
2206 {}%
2207 \DeclareCiteCommand{\bbx@crossref@incollection}%
2208 {}%
2209 {\ifciteseen{%
2210   \ifthenelse{\value{listtotal}=2}%
2211     {\printnames[] [-\value{maxnamesincross}]{labelname}}%
2212     {\printnames[] [-\value{minnamesincross}]{labelname}}%
2213     \setunit{\addspace}%
2214     \usebibmacro{editorstrg}%
2215   \setunit*{\addcomma\space}\printtext{%
2216     \printfield[citetitle]{labeltitle}%
2217     \iftoggle{cbx:commacit}{\setunit{\addcomma\space}}%
2218     {\setunit{\addspace\midsentence}}%
2219     \bibstring{cited}}}%
2220   {\DeclareNameAlias{sortname}{default}%
2221     \usebibmacro{usedriver:collection}}}%
2222 {}%
2223 {}%

```

## 12.5 philosophy-classic.cbx

### 12.5.1 Initial settings

```

2224 \RequireCitationStyle{authoryear-comp}
2225
2226 \newtoggle{cbx:scauthorcite}
2227
2228 \DeclareBibliographyOption{scauthorcite}[true]{%
2229   \settoggle{cbx:scauthorcite}{#1}}
2230
2231 \ExecuteBibliographyOptions{%
2232   scauthorcite = false,
2233   citetracker = true,
2234 }
2235
2236 \AtEveryCite{%
2237   \iftoggle{cbx:scauthorcite}%

```

```

2238 {\let\mkbibnamelast\mkbibsc%
2239 \let\mkbibnamefirst\mkbibsc%
2240 \let\mkbibnameprefix\mkbibsc%
2241 \let\mkbibnameaffix\mkbibsc}
2242 {}}%
2243 \DeclareNameFormat{labelname}{%
2244 \bibhyperref{%
2245 \ifcase\value{uniquename}%
2246 \usebibmacro{name:last}{#1}{#3}{#5}{#7}%
2247 \or
2248 \ifuseprefix
2249 {\usebibmacro{name:first-last}{#1}{#4}{#5}{#8}}%
2250 {\usebibmacro{name:first-last}{#1}{#4}{#6}{#8}}%
2251 \or
2252 \usebibmacro{name:first-last}{#1}{#3}{#5}{#7}%
2253 \fi
2254 \usebibmacro{name:andothers}}}
2255 %%%
2256
2257 \newcommand{\switchclass}[2]{%
2258 \iffieldequalstr{entrysubtype}{classic}%
2259 {\usebibmacro{#1}}%
2260 {\usebibmacro{#2}}}

```

### 12.5.2 Author-title macros

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

```

2261 \newbibmacro*{cite:init:AT}{%
2262 \ifnumless{\value{multicitecount}}{2}
2263 {\global\boolfalse{cbx:parens}%
2264 \global\undef\cbx@lasthash}%
2265 {\iffieldundef{prenote}%
2266 {}%
2267 {\global\undef\cbx@lasthash}}}
2268
2269 \newbibmacro*{cite:reinit:AT}{%
2270 \global\undef\cbx@lasthash}
2271
2272 \newbibmacro*{cite:AT}{%
2273 \iffieldundef{shorthand}
2274 {\iffieldequals{namehash}{\cbx@lasthash}
2275 {\setunit{\compцитедelim}}%
2276 {\ifnameundef{labelname}
2277 {}%
2278 {\printnames{labelname}%
2279 \setunit{\nametitledelim}}%
2280 \savefield{namehash}{\cbx@lasthash}}}%
2281 \usebibmacro{cite:title:AT}}
2282 {\usebibmacro{cite:shorthand}%
2283 \usebibmacro{cite:reinit:AT}}%
2284 \setunit{\multicitedelim}}
2285
2286 \newbibmacro*{citetitle:AT}{%
2287 \iffieldundef{shorthand}

```

```

2288     {\usebibmacro{cite:title:AT}}%
2289     {\usebibmacro{cite:shorthand}}%
2290     \setunit{\multicitedelim}}
2291
2292 \newbibmacro*{textcite:AT}{%
2293   \iffieldequals{namehash}{\cbx@lasthash}
2294     {\setunit{\compcitedelim}}
2295     {\ifnameundef{labelname}
2296       {}%
2297       {\printnames{labelname}%
2298         \setunit{%
2299           \global\booltrue{cbx:parens}%
2300           \addspace\bibopenparen}}}%
2301     \savefield{namehash}{\cbx@lasthash}}%
2302   \ifnumequal{\value{citecount}}{1}
2303     {\usebibmacro{prenote}}
2304     {}%
2305   \iffieldundef{shorthand}
2306     {\usebibmacro{cite:title:AT}}%
2307     {\iftoggle{cbx:shorthandintro}{%
2308       \ifciteseen{%
2309         \usebibmacro{cite:shorthand}}%
2310         {\usebibmacro{shorthandintro}}}%
2311       {\usebibmacro{cite:shorthand}}}%
2312   \setunit{%
2313     \ifbool{cbx:parens}
2314       {\bibcloseparen\global\boolfalse{cbx:parens}}
2315       {}%
2316     \multicitedelim}}
2317
2318 \newbibmacro*{cite:title:AT}{%
2319   \printtext[bibhyperref]{\printfield[citetitle]{labeltitle}}}
2320
2321 \newbibmacro*{textcite:postnote:AT}{%
2322   \ifnameundef{labelname}
2323     {\setunit{%
2324       \global\booltrue{cbx:parens}%
2325       \addspace\bibopenparen}}
2326     {\setunit{\postnotedelim}}%
2327   \printfield{postnote}%
2328   \ifthenelse{\value{multicitecount}=\value{multicitetotal}}
2329     {\setunit{}%
2330       \printtext{%
2331         \ifbool{cbx:parens}
2332         {\bibcloseparen\global\boolfalse{cbx:parens}}
2333         {}}}
2334     {\setunit{%
2335       \ifbool{cbx:parens}
2336       {\bibcloseparen\global\boolfalse{cbx:parens}}
2337       {}%
2338       \multicitedelim}}}

```

### 12.5.3 Author-year macros

```

2339 \newbibmacro*{cite:init:AY}{%
2340   \ifnumless{\value{multicitecount}}{2}
2341     {\global\boolfalse{cbx:parens}%
2342      \global\undef\cbx@lasthash
2343      \global\undef\cbx@lastyear}
2344     {\iffieldundef{prenote}
2345      {}
2346      {\global\undef\cbx@lasthash
2347       \global\undef\cbx@lastyear}}}}
2348
2349 \newbibmacro*{cite:reinit:AY}{%
2350   \global\undef\cbx@lasthash
2351   \global\undef\cbx@lastyear}
2352
2353 \newbibmacro*{cite:AY}{%
2354   \iffieldundef{shorthand}%
2355   {\usebibmacro{cite:noshorthand}}%
2356   {\iftoggle{cbx:shorthandintro}%
2357    {%
2358     \ifciteseen{\usebibmacro{cite:shorthand}}%
2359     {\usebibmacro{cite:noshorthand}%
2360      \usebibmacro{shorthandintro}}%
2361     }%
2362     {\usebibmacro{cite:shorthand}}%
2363     \usebibmacro{cite:reinit:AY}}%
2364   \setunit{\multicitedelim}}
2365
2366 \newbibmacro*{textcite:AY}{%
2367   \iffieldequals{namehash}{\cbx@lasthash}%
2368   {\iffieldundef{shorthand}%noshorthand
2369    {\ifthenelse{\iffieldequals{labelyear}{\cbx@lastyear}\AND
2370     \(\value{multicitecount}=0\OR\iffieldundef{postnote}\)}}%
2371     {\setunit{\addcomma}%
2372      \usebibmacro{cite:extrayear}}%
2373     {\setunit{\compcitedelim}%
2374      \usebibmacro{cite:labelyear+extrayear}%
2375      \savefield{labelyear}{\cbx@lastyear}}}%
2376   {\setunit{\compcitedelim}%shorthand
2377   \iftoggle{cbx:shorthandintro}%
2378   {\ifciteseen
2379    {\usebibmacro{cite:shorthand}}%
2380    {\ifthenelse{\iffieldequals{labelyear}{\cbx@lastyear}\AND
2381     \(\value{multicitecount}=0\OR\iffieldundef{postnote}\)}}%
2382     {\setunit{\addcomma}%
2383      \usebibmacro{cite:extrayear}}%
2384     {\setunit{\compcitedelim}%
2385      \usebibmacro{cite:labelyear+extrayear}%
2386      \savefield{labelyear}{\cbx@lastyear}}%
2387      \usebibmacro{shorthandintro}}}%
2388   {\usebibmacro{cite:shorthand}}%
2389   \global\undef\cbx@lastyear}}%
2390   {\ifnameundef{labelname}%

```

```

2391      {\iffieldundef{shorthand}%shorthand
2392      {\usebibmacro{cite:label}%
2393      \setunit{%
2394      \global\booltrue{cbx:parens}%
2395      \addspace\bibopenparen}%
2396      \ifnumequal{\value{citecount}}{1}%
2397      {\usebibmacro{prenote}}}%
2398      {\usebibmacro{cite:shorthand}}}%
2399      \usebibmacro{cite:labelyear+extrayear}}}%
2400      {\iftoggle{cbx:shorthandintro}%
2401      {\ifciteseen%shorthand
2402      {\usebibmacro{cite:shorthand}}}%
2403      {\usebibmacro{cite:label}%
2404      \setunit{%
2405      \global\booltrue{cbx:parens}%
2406      \addspace\bibopenparen}%
2407      \ifnumequal{\value{citecount}}{1}%
2408      {\usebibmacro{prenote}}}%
2409      {\usebibmacro{cite:shorthand}}}%
2410      \usebibmacro{cite:labelyear+extrayear}%
2411      \usebibmacro{shorthandintro}}}}}%
2412      {\usebibmacro{cite:shorthand}}}%
2413      {\printnames{labelname}%
2414      \setunit{%
2415      \global\booltrue{cbx:parens}%
2416      \addspace\bibopenparen}%
2417      \ifnumequal{\value{citecount}}{1}%
2418      {\usebibmacro{prenote}}}%
2419      {}}%
2420      \iffieldundef{shorthand}%noshorthand
2421      {\iffieldundef{labelyear}%
2422      {\usebibmacro{cite:label}}}%
2423      {\usebibmacro{cite:labelyear+extrayear}}}%
2424      \savefield{labelyear}{\cbx@lastyear}}}%
2425      {\iftoggle{cbx:shorthandintro}%
2426      {\ifciteseen%
2427      {\usebibmacro{cite:shorthand}}}%
2428      {\iffieldundef{labelyear}%
2429      {\usebibmacro{cite:label}}}%
2430      {\usebibmacro{cite:labelyear+extrayear}}}%
2431      \savefield{labelyear}{\cbx@lastyear}%
2432      \usebibmacro{shorthandintro}}}%
2433      \global\undef\cbx@lastyear}%
2434      {\usebibmacro{cite:shorthand}}}%
2435      \savefield{namehash}{\cbx@lasthash}}}%
2436      \setunit{%
2437      \ifbool{cbx:parens}%
2438      {\bibcloseparen\global\boolfalse{cbx:parens}}}%
2439      {}}%
2440      \multicitedelim}}}%
2441
2442      \newbibmacro*{textcite:postnote:AY}{%
2443      \usebibmacro{postnote}%

```



```

2444 \ifthenelse{\value{multicitecount}=\value{multicitetotal}}
2445   {\setunit{}}%
2446   \printtext{%
2447     \ifbool{cbx:parens}
2448     {\bibcloseparen\global\boolfalse{cbx:parens}}
2449     {}}
2450   {\setunit{%
2451     \ifbool{cbx:parens}
2452     {\bibcloseparen\global\boolfalse{cbx:parens}}
2453     {}}%
2454   \multicitedelim}}

```

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

```

2455 \renewbibmacro*{cite:shorthand}{%
2456   \printtext[bibhyperref]{\printfield{shorthand}}}

```

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

```

2457 \renewbibmacro*{cite:init}{%
2458   \switchclass{cite:init:AT}{cite:init:AY}}
2459 \renewbibmacro*{cite:reinit}{%
2460   \switchclass{cite:reinit:AT}{cite:reinit:AY}}
2461 \renewbibmacro*{cite}{%
2462   \switchclass{cite:AT}{cite:AY}}
2463 \renewbibmacro*{textcite}{%
2464   \switchclass{textcite:AT}{textcite:AY}}
2465 \renewbibmacro*{textcite:postnote}{%
2466   \switchclass{textcite:postnote:AT}{textcite:postnote:AY}}
2467
2468 \newbibmacro*{cite:noshorthand}{%
2469 \ifthenelse{\ifnameundef{labelname}\OR\iffielddundef{labelyear}}%
2470   {\usebibmacro{cite:label}%
2471   \setunit{\addspace}%
2472   \usebibmacro{cite:labelyear+extrayear}%
2473   \usebibmacro{cite:reinit}}%
2474   {\iffieldequals{namehash}{\cbx@lasthash}%
2475     {\iffthenelse{\iffieldequals{labelyear}{\cbx@lastyear}\AND
2476       (\value{multicitecount}=0\OR\iffielddundef{postnote}\)}}%
2477       {\setunit{\addcomma}%
2478       \usebibmacro{cite:extrayear}}%
2479       {\setunit{\compitedelim}%
2480       \usebibmacro{cite:labelyear+extrayear}%
2481       \savefield{labelyear}{\cbx@lastyear}}}%
2482     {\printnames{labelname}%
2483     \setunit{nameyeardelim}%
2484     \usebibmacro{cite:labelyear+extrayear}%
2485     \savefield{namehash}{\cbx@lasthash}%
2486     \iffielddundef{postnote}%
2487     {\savefield{labelyear}{\cbx@lastyear}}{}}}}

```

#### 12.5.4 Citation commands

```

2488 \DeclareCiteCommand*{\cite}
2489   {\usebibmacro{cite:init}%
2490   \usebibmacro{prenote}}
2491   {\usebibmacro{citeindex}%
2492   \switchclass{citetitle:AT}{citeyear}}%

```

```

2493 {}
2494 {\usebibmacro{postnote}}
2495
2496 \DeclareCiteCommand*{\parencite}[\mkbibparens]
2497 {\usebibmacro{cite:init}}%
2498 \usebibmacro{prenote}}
2499 {\usebibmacro{citeindex}}%
2500 \switchclass{citetitle:AT}{citeyear}}
2501 {}
2502 {\usebibmacro{postnote}}
2503
2504 \DeclareCiteCommand{\citetitle}
2505 {\boolfalse{citetracker}}%
2506 \boolfalse{pagetracker}}%
2507 \usebibmacro{prenote}}
2508 {\indexfield{indextitle}}%
2509 \printtext[bibhyperref]{\printfield[citetitle]{labeltitle}}}
2510 {\multicitedelim}
2511 {\usebibmacro{postnote}}
2512
2513 \DeclareCiteCommand*{\citetitle}
2514 {\boolfalse{citetracker}}%
2515 \boolfalse{pagetracker}}%
2516 \usebibmacro{prenote}}
2517 {\indexfield{indextitle}}%
2518 \printtext[bibhyperref]{\printfield[citetitle]{title}}}
2519 {\multicitedelim}
2520 {\usebibmacro{postnote}}
2521
2522 \DeclareCiteCommand{\citeyear}
2523 {\boolfalse{citetracker}}%
2524 \boolfalse{pagetracker}}%
2525 \usebibmacro{prenote}}
2526 {\printtext[bibhyperref]{\printfield{year}}}
2527 {\multicitedelim}
2528 {\usebibmacro{postnote}}
2529
2530 \DeclareCiteCommand{\footcite}[\mkbibfootnote]
2531 {\usebibmacro{cite:init}}
2532 {\usebibmacro{citeindex}}%
2533 \usebibmacro{textcite}}
2534 {}%
2535 {\usebibmacro{textcite:postnote}}

```

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

```

2536 \DeclareCiteCommand{\sdcite}
2537 {\boolfalse{citetracker}}%
2538 \boolfalse{pagetracker}}%
2539 \usebibmacro{prenote}}
2540 {\indexnames{labelname}}%
2541 \printtext[bibhyperref]{\printnames{labelname}}}
2542 \setunit{\addcomma\space}}%
2543 \indexfield{indextitle}}%

```

```

2544 \printtext[bibhyperref]{\printfield[citetitle]{labeltitle}}
2545 {\multicitedelim}
2546 {\usebibmacro{postnote}}

```

## 12.6 philosophy-modern.cbx

The modern style uses the classic citation scheme:

```

2547 \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:

```

2548 \DeclareCiteCommand{\fullcite}%
2549 {\usebibmacro{prenote}}%
2550 {\setkeys{blx@bib2}{restoreclassic}%
2551 \usedriver%
2552 {\DeclareNameAlias{sortname}{default}}%
2553 {\thefield{entrytype}}}%
2554 {\multicitedelim}%
2555 {\usebibmacro{postnote}}%

```

## 12.7 philosophy-verbose.cbx

### 12.7.1 Initial settings

```

2556 \RequireCitationStyle{verbose-trad2}
2557
2558 \newtoggle{cbx:scauthorcite}
2559 \newtoggle{cbx:latinemph}
2560 \newtoggle{cbx:commacit}
2561
2562 \DeclareBibliographyOption{scauthorcite}[true]{%
2563 \settoggle{cbx:scauthorcite}{#1}}
2564 \DeclareBibliographyOption{latinemph}[true]{%
2565 \settoggle{cbx:latinemph}{#1}}
2566 \DeclareBibliographyOption{commacit}[true]{%
2567 \settoggle{cbx:commacit}{#1}}
2568
2569 \ExecuteBibliographyOptions{%
2570 idemtracker=false,
2571 loccittracker=strict,
2572 scauthorcite=false,
2573 latinemph=false,
2574 commacit=false}
2575
2576 \AtEveryCite{%

```

The annotation field is omitted in every citations:

```

2577 \togglefalse{bbx:annotation}%

```

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

```

2578 \iftoggle{cbx:latinemph}{\renewcommand*\mkibid{\emph}}{}%

```

### Name formats

```

2579 \renewbibmacro*{name:andothers}{%
2580 \ifboolexpr{%

```

```

2581     test {\ifnumequal{\value{listcount}}{\value{liststop}}}%
2582     and
2583     test \ifmorenames
2584 }%
2585     {\ifnumgreater{\value{liststop}}{1}%
2586     {\finalandcomma}%
2587     {}%
2588     \andothersdelim\bibstring[\mkibid]{andothers}}%
2589     {}}%
2590 \renewbibmacro*{list:andothers}{%
2591     \ifboolexpr{%
2592     test {\ifnumequal{\value{listcount}}{\value{liststop}}}%
2593     and
2594     test \ifmoreitems
2595 }%
2596     {\ifnumgreater{\value{liststop}}{1}%
2597     {\finalandcomma}%
2598     {}%
2599     \andmoredelim\bibstring[\mkibid]{andmore}}%
2600     {}}%
2601 \iftoggle{cbx:scauthorscite}{%
2602 \DeclareNameFormat{labelname}{%
2603     \let\mkbibnamelast\mkbibsc%
2604     \let\mkbibnamefirst\mkbibsc%
2605     \let\mkbibnameprefix\mkbibsc%
2606     \let\mkbibnameaffix\mkbibsc
2607 \ifcase\value{uniquename}%
2608     \usebibmacro{name:last}{#1}{#3}{#5}{#7}%
2609 \or
2610     \ifuseprefix
2611         {\usebibmacro{name:first-last}{#1}{#4}{#5}{#8}}%
2612         {\usebibmacro{name:first-last}{#1}{#4}{#6}{#8}}%
2613 \or
2614     \usebibmacro{name:first-last}{#1}{#3}{#5}{#7}%
2615 \fi
2616 \usebibmacro{name:andothers}}}{}}%
2617
2618 \DeclareNameFormat{scdefault}{%
2619     \let\mkbibnamelast\mkbibsc%
2620     \let\mkbibnamefirst\mkbibsc%
2621     \let\mkbibnameprefix\mkbibsc%
2622     \let\mkbibnameaffix\mkbibsc
2623 \iffirstinits
2624     {\usebibmacro{name:first-last}{#1}{#4}{#5}{#7}}%
2625     {\usebibmacro{name:first-last}{#1}{#3}{#5}{#7}}%
2626 \usebibmacro{name:andothers}}

```

### 12.7.2 New macros

```

2627 \newbibmacro*{cite:opcit}{%
2628     \printtext[bibhyperlink]{\bibstring[\mkibid]{opcit}}
2629
2630 \newbibmacro*{cite:loccit}{%
2631     \printtext{%

```

```

2632 \bibhyperlink{cite\csuse{cbx@lastcite@\thefield{entrykey}}}{%
2633 \bibstring[\mkibid]{loccit}}}%
2634 \global\toggletrue{cbx:loccit}}
2635
2636 \renewbibmacro*{cite:ibid}{%
2637 \ifloccit
2638 {\usebibmacro{cite:loccit}}}%
2639 \printtext{%
2640 \bibhyperlink{cite\csuse{cbx@lastcite@\thefield{entrykey}}}{%
2641 \bibstring[\mkibid]{ibidem}}}}}%
2642
2643 \renewbibmacro*{cite:title}{%OK
2644 \ifsingletitle{\usebibmacro{cite:opcit}}{%
2645 \printtext[bibhyperlink]{%
2646 \printfield[citetitle]{labeltitle}%
2647 \iftoggle{cbx:commacit}{\setunit{\addcomma\space}}%
2648 {\setunit{\addspace\midsentence}}}%
2649 \bibstring{cited}}}%
2650
2651 % \renewbibmacro*{cite:full}{%OK
2652 % \usebibmacro{cite:full:citepages}%
2653 % \global\toggletrue{cbx:fullcite}%
2654 % \printtext[bibhypertarget]{%
2655 % \usedriver
2656 % {\iftoggle{cbx:scauthorcite}{%
2657 % \DeclareNameAlias{sortname}{scdefault}}}%
2658 % {\DeclareNameAlias{sortname}{default}}}%
2659 % {\thefield{entrytype}}}%
2660 % \usebibmacro{shorthandintro}}
2661
2662 \renewbibmacro*{cite:full}{%OK
2663 \iftoggle{cbx:shorthandintro}{%
2664 \usebibmacro{cite:full:citepages}%
2665 \global\toggletrue{cbx:fullcite}%
2666 \printtext[bibhypertarget]{%
2667 \usedriver
2668 {\iftoggle{cbx:scauthorcite}{%
2669 \DeclareNameAlias{sortname}{scdefault}}}%
2670 {\DeclareNameAlias{sortname}{default}}}%
2671 {\thefield{entrytype}}}%
2672 \usebibmacro{shorthandintro}}%
2673 {\usebibmacro{cite:shorthand}}}%
2674
2675
2676
2677 \renewbibmacro*{cite:idem}{%
2678 \iftoggle{cbx:scauthorcite}{%
2679 \bibstring[\mkbibsc]{idem\thefield{gender}}}{%
2680 \bibstring[\mkibid]{idem\thefield{gender}}}%
2681 \setunit{\nametitledelim}}
2682
2683 \newbibmacro*{ccite:cite}{%
2684 \usebibmacro{related:clearauthors}%

```

```

2685 \usebibmacro{cite:citepages}%
2686 \global\togglefalse{cbx:fullcite}%
2687 \global\togglefalse{cbx:loccit}%
2688 \bibhypertarget{cite\the\value{instcount}}{%
2689   \ifciteseen
2690     {\iffieldundef{shorthand}
2691       {\usebibmacro{cite:title}%
2692       \usebibmacro{cite:save}}}
2693     {\usebibmacro{cite:shorthand}}}
2694   {\usebibmacro{cite:full}%
2695     \usebibmacro{cite:save}}}}

```

### 12.7.3 Citation commands

```

2696 \DeclareCiteCommand{\ccite}
2697 {\usebibmacro{prenote}}%
2698 {\usebibmacro{citeindex}%
2699   \usebibmacro{ccite:cite}}
2700 {\multicitedelim}
2701 {\usebibmacro{cite:postnote}}
2702 \DeclareCiteCommand{\fullcite}
2703 {\usebibmacro{prenote}}
2704 {\usedriver
2705   {\iftoggle{cbx:scauthorscite}%
2706     {\DeclareNameAlias{sortname}{scdefault}}}%
2707     {\DeclareNameAlias{sortname}{default}}}%
2708   {\thefield{entrytype}}}
2709 {\multicitedelim}
2710 {\usebibmacro{postnote}}

```

## 12.8 italian-philosophy.lbx

```

2711 \InheritBibliographyExtras{italian}
2712
2713 \DeclareBibliographyExtras{%
2714 \protected\def\bibrangedash{%
2715   -\penalty\hyphenpenalty}%
2716 \protected\def\bibdatedash{\textendash}}%
2717
2718 \NewBibliographyString{origed,cited}
2719
2720 \DeclareBibliographyStrings{%
2721   inherit          = {italian},
2722   nodate           = {{senza data}{s\addotsspace d\addot}},
2723   cited            = {{cit\addot}{cit\addot}},
2724   opcit            = {{op\addotsspace cit\addot}{op\addotsspace cit\addot}},
2725   ibidem           = {{ivi}{ivi}},
2726   loccit           = {{ibidem}{ibidem}},
2727   origed           = {{ed\addotsspace orig\addot}{ed\addotsspace orig\addot}},
2728   langitalian      = {{italiano}{it\addot}},
2729   editor           = {{\mkpureparens{a cura di}}{\mkpureparens{a cura di}}},
2730   editors          = {{\mkpureparens{a cura di}}{\mkpureparens{a cura di}}},
2731   backrefpage      = {{Citato a pagina}{Citato a \bibstring{page}\addot}},
2732   backrefpages     = {{Citato alle pagine}{Citato alle \bibstring{pages}\addot}},
2733   pages            = {{pagine}{\iftoggle{bbx:classical}{pp\addot}{p\addot}}},

```

```

2734 columns      = {{colonne}{\iftoggle{bbx:classical}{coll\addot}{col\addot}}},
2735 lines         = {{righe}{\iftoggle{bbx:classical}{rr\addot}{r\addot}}},
2736 verses        = {{versi}{\iftoggle{bbx:classical}{vv\addot}{v\addot}}},
2737 volumes       = {{volumi}{\iftoggle{bbx:classical}{voll\addot}{vol\addot}}},
2738 withcommentator = {{con commenti di}{con comm\addot\addabbrvspace di}},
2739 withannotator  = {{annotazioni di}{annotazioni di}},
2740 withinintroduction = {{introduzione di}{introduzione di}},
2741 withforeword   = {{prefazione di}{prefazione di}},
2742 withafterword  = {{postfazione di}{postfazione di}},
2743 reprintas      = {{ristampato}{rist\addot}},
2744 % reprintfrom  = {{}}, % FIXME: missing
2745 translationof  = {{traduzione di}{trad\addotsspace di}},
2746 translationas  = {{traduzione italiana}{trad\addotsspace it\addot}},
2747 % translationfrom = {{}}, % FIXME: missing
2748 reviewof      = {{Recensione di}{Recensione di}},
2749 % origpubas    = {{}}, % FIXME: missing
2750 % origpubin    = {{}}, % FIXME: missing
2751 % astitle      = {{}}, % FIXME: missing
2752 % bypublisher  = {{}}, % FIXME: missing
2753 section       = {{sezione}{sez\addot}},
2754 sections      = {{sezioni}{\iftoggle{bbx:classical}{sezz\addot}{sez\addot}}},
2755 byreviser     = {{revisione di}{revisione di}}
2756 }

```

## 12.9 english-philosophy.lbx

```

2757 \InheritBibliographyExtras{english}
2758
2759 \DeclareBibliographyExtras{%
2760 \protected\def\bibrangedash{%
2761   -\penalty\hyphenpenalty}%
2762 \protected\def\bibdatedash{\textendash}}%
2763
2764 \NewBibliographyString{cited,origed}
2765
2766 \DeclareBibliographyStrings{%
2767 inherit      = {english},
2768 nodate       = {{no date}{n\addot d\addot}},
2769 cited        = {{cit\addot}{cit\addot}},
2770 ibidem       = {{ivi}{ivi}},
2771 loccit       = {{ibidem}{ibidem}},
2772 origed       = {{orig\addotsspace ed\addot}{orig\addotsspace ed\addot}},
2773 editor       = {{\mkpureparens{ed\addot}}{\mkpureparens{ed\addot}}},
2774 editors      = {{\mkpureparens{eds\addot}}{\mkpureparens{eds\addot}}},
2775 reviewof     = {{Review of}{Review of}},
2776 translationas = {{trans\addot}{trans\addot}},
2777 backrefpage  = {{cited on page}{cited on p\addot}},
2778 backrefpages = {{cited on pages}{cited on pp\addot}}
2779 }

```

## 12.10 spanish-philosophy.lbx

Thanks to Eduardo Villegas for these translations.

```
2780 %
```

```

2781 %^^A Thanks to Eduardo Villegas for these translations.
2782 %
2783 \InheritBibliographyExtras{spanish}
2784
2785 \DeclareBibliographyExtras{%
2786 \protected\def\bibrangedash{%
2787     -\penalty\hyphenpenalty}%
2788 \protected\def\bibdatedash{\textendash}}%
2789
2790 \NewBibliographyString{origed,cited}
2791
2792 \DeclareBibliographyStrings{%
2793 inherit            = {spanish},
2794 cited              = {{cit\adddot}{cit\adddot}},
2795 opcit              = {{op\adddot cit\adddot}{op\adddot cit\adddot}},
2796 ibidem             = {{ivi}{ivi}},
2797 loccit             = {{ibidem}{ibidem}},
2798 origed             = {{edici\'{o}n original}{ed\adddot orig\adddot}},
2799 langspanish        = {{espa\~{n}ol}{es\adddot}},
2800 editor             = {{\mkpureparens{ed\adddot}}{\mkpureparens{ed\adddot}}},
2801 editors            = {{\mkpureparens{ed\adddot}}{\mkpureparens{eds\adddot}}},
2802 backrefpage        = {{Citado en la p\'{a}gina}{Citado en la \bibstring{page}\adddot}}, %%F
2803 backrefpages       = {{Citado en las p\'{a}ginas}{Citado en las \bibstring{pages}\adddot}},
2804 pages              = {{p\'{a}ginas}{\iftoggle{bbx:classical}{p\'{a}gs\adddot}{p\'{a}g\adddot}}},
2805 columns            = {{columnas}{\iftoggle{bbx:classical}{cols\adddot}{col\adddot}}},
2806 lines              = {{l\'{i}neas}{\iftoggle{bbx:classical}{ll\adddot}{l\adddot}}},
2807 verses             = {{versos}{\iftoggle{bbx:classical}{vv\adddot}{v\adddot}}},
2808 volumes            = {{vol\'{u}menes}{\iftoggle{bbx:classical}{vols\adddot}{vol\adddot}}},
2809 withcommentator    = {{comentarios de}{com\adddot\addabbrvspace de}},
2810 withannotator      = {{notas de}{notas de}},
2811 withinintroduction = {{introducci\'{o}n de}{intr\adddotsspace de}},
2812 withforeword       = {{prefacio de}{pref\adddotsspace de}},
2813 withafterword      = {{postfacio de}{postfacio de}},
2814 reprints           = {{reimpresi\'{o}n}{reimp\adddot}},
2815 translationof      = {{traducci\'{o}n al espa\~{n}ol de}{trad\adddotsspace de}},
2816 translationas      = {{traducido al espa\~{n}ol como}{trad\adddotsspace es\adddot}},
2817 reviewof           = {{Rese\~{n}a de}{Rese\~{n}a de}}, %%FIXME: Maiuscola iniziale?
2818 section            = {{secci\'{o}n}{sec\adddot}},
2819 sections           = {{secciones}{\iftoggle{bbx:classical}{secs\adddot}{sec\adddot}}},
2820 byreviser          = {{revisi\'{o}n de}{rev\adddotsspace de}}
2821 }

```

## Change History

### vo.4

General: Improved compatibility for  
biblatex version 0.9 . . . . . 1

### vo.5

General: Added new bibliography style  
philosophy-verbose. Added local-  
ization file italian-philosophy.lbx.

Added package options origparens,  
origbrackets, latinemph. Changed  
package options scauthors, scauthorscite,  
scauthorsbib. Renamed file  
biblatex-philosophy-doc.tex to  
philosophy-authoryear-doc.tex.  
Added file philosophy-verbose-doc.tex.



Updated documentation . . . . .	1	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.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			
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 documenta-				
tion . . . . .	1			
vo.7a				
General: Added command volumfont.				
Added command footcitet. Updated				
documentation . . . . .	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 bibli-				
ography driver @review. Added bibliogra-				
phy string cit. Added bibliography string				
reviewof. Updated documentation . . . .	1			
vo.7c				
General: Fixed some bugs. New				
origfieldtype option. Added nodate				
bibliography string. Updated documenta-				
tion . . . . .	1			
vo.8a				
General: New entrysubtype field for citing				
classical texts. New related field mecha-				
nism. New relatedformat option. New				
English documentation. Fixed some bugs	1			
vo.8b				
General: Added biber.conf configuration				
file . . . . .	1			
vo.8c				
General: Removed biber.conf configura-				
tion file. Added internal biber settings				
with \DeclareDriverSourcecmap com-				
mand. Added trans- field alias . . . . .	1			
vo.8d				
General: Fixed some bugs related to				
\DeclareDriverSourcecmap, \ccite,				
and @review entry type . . . . .	1			
		vo.8f	General: New option nodate for	
			\printbibliography command . . . . .	1
		vo.9a	General: Maintenance release. Corrected	
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		vo.9b	General: Updated bibliography drivers to cor-	
			rect a bug when using the related mech-	
			anism. . . . .	1
		vo.9c	General: Maintenance release. Corrected	
			some bugs. . . . .	1
		vo.9d	General: Maintenance release. Corrected	
			some bugs. . . . .	1
		vo.9e	General: Maintenance release. Updated docu-	
			mentation. . . . .	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. Cor-	
			rected some bugs. Updated documenta-	
			tion. . . . .	1
		vo.9i	General: Corrected a bug with shorthandintro	
			option. . . . .	1
		v1.0	General: Corrected a bug in volumeformat	
			and volnumformat options. Change	
			value romanupp to Roman in	
			volume format and edition format.	
			Corrected bug in related format op-	
			tions: now the related block is not pre-	
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