User's Guide to `biblatex-philosophy`

Bibliography styles for (Italian) users of `biblatex`

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Abstract

This package provides a small collection of bibliography and citation styles for use with Philipp Lehman's `biblatex` package. The styles follow the most popular conventions of the Italian publications (but can be used in other languages too) and offer some features to generate detailed bibliographic entries including the translation data of foreign texts, annotations etc. Many options allow you to change the style defaults.

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1 Introduction

1.1 License

Copyright © 2009-2010 Ivan Valbusa. This package is author-maintained. Permission is granted to copy, distribute and/or modify this software under the terms of the LaTeX Project Public License, version 1.3c.[1] This software is provided "as is", without warranty of any kind, either expressed or implied, including, but not limited to, the implied warranties of merchantability and fitness for a particular purpose.

1.2 Acknowledgments

The firs step toward the creation of the philosophy-modern style (used for this documentation) was the request of Lorenzo Pantieri in the GUIT Forum: http://www.guit.sssup.it/phpbb/viewtopic.php?t=6472.[2] Now this is the bibliography style of *L'arte di scrivere con LaTeX*, the most popular Italian guide to LaTeX (Pantieri and Gordini 2011). I am very grateful to everybody who took part in the debate.

Many styles available in TeXLive inspired biblatex-philosophy, specifically: dw by Dominik Waßenhoven (2011), mla by James Clawson (2010) and historian by Sander Gliboff (2010).

1.3 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 and .bib files.

1.4 Syles features

This package provides two author-year bibliography styles suitable for both text and footnotes citations (philosophy-classic e philosophy-modern; henceforth classic e modern) and a verbose style appropriate for bibliographies supplied in the footnotes (philosophy-verbose; henceforth verbose).

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). Only the English and Italian support is available for now but you can use

[1] http://www.ctan.org/tex-archive/macros/latex/base/lppl.txt.

[2] See the discussion on http://www.guit.sssup.it/phpbb/viewtopic.php?t=6717.

the styles with all the languages supported by `babel` (or `polyglossia`) adding simple redefinitions in the preamble of your document (section 11).

1.4.1 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 TEXbook*, Addison-Wesley, Reading, Mass.
> — (1986a) *Computers & Typesetting*, vol. B: *TEX: The Program*, Addison-Wesley, Read- ing, 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)

1.4.2 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 TEXbook*, Addison-Wesley, Reading, Mass.
> 1986a *Computers & Typesetting*, vol. B: *TEX: The Program*, Addison-Wesley, Read- ing, 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.

1.4.3 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":

---

[1] Cfr. Cartesio, *Discorso sul metodo*, trad. e introd. di Lucia Urbani Ulivi, 1ª ed., testo francese a fronte, Bompiani, Milano 2002, p. 43.
[2] Ivi, p. 26.
[3] Ibidem.
[4] 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.
[5] 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.":

---

[6] Cartesio, op. cit., p. 35.

All the scholarly abbreviations (*latinitates*) but "cit." are printed by default in normal font. With the `latinemph` option (section 5.2.2) you can get them in italic shape.

1.5 Use

To ensure Italian-style quotation marks, you need to call the `babel` and `csquotes` packages in the preamble of your LaTeXdocument:

```
\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).

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 remembar to configure your editor properly. If you prefer `bibtex` you have to declare it with the `backend=bibetex` option.

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).[3]

> 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}}
```

With Biber 1.6 you can have cascading relations too (☞ Popper 1934).[4]

```
@Book{key1,
  ...
  related = {key2},
  ...
}
@Book{key2,
  ...
  related = {key3},

@Book{key3,
  ...
}
```

[3] 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 12.1 for details.

[4] Download biber 1.6 for your platform from `biber` and drop this over `/usr/texbin/biber`.

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 Annotated bibliographies

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/annote field (literal)

This field is printed in a new paragraph at the very end of the entry. It requires the `annotation` package option. The default font can be changed redefining the `\annotationfont` command (section 6). See the examples in the references of this documentation.

4 Style-specific fields

nameaddon field (literal)

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

entrysubtype field (literal)

This feature is active only for the `classic` and `modern` styles. With the `classical` 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 = {classical},
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.

5 Package options

5.1 Global options

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

semicolon The "related" entry data are preceded by a semicolon.
parens Puts the "related" entry data data 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. 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.

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 12.1).

publocyear Oxford University Press, Oxford 2007
locpubyear Oxford, Oxford University Press, 2007
loccolonpub Oxford: Oxford University Press, 2007

volnumformat=`strings`, `parens`, `default` 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 7):

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

volumeformat=`roman`, `romanupp`, `romansc`, `arabic` default: `arabic`

This option provides three styles for typesetting the `volume` field:

arabic ... *Book Title*, vol. 5, ...
roman ... *Book Title*, vol. iv, ...
romansc ... *Book Title*, vol. XI, ...
romanupp ... *Book Title*, vol. X, ...

With the command

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

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

editionformat=`roman`, `romanupp`, `romansc`, `arabic` default: `arabic`

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

arabic ... *Book Title*, 5^{a} ed., ...
roman ... *Book Title*, iii ed., ...
romansc ... *Book Title*, XI ed., ...
romanupp ... *Book Title*, 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 3).

library=`true`, `false` default: `true`

Shows the `library` field, both in the bibliography and in the citations (see also section 3).

5.2 Style-pecific options

5.2.1 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.

yearleft=true, false default: false

Prints the date flushed left in the bibliography.

restoreclassic=true, false default: true

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).

5.2.2 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. ".

6 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}{/}
```

7 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 `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.

8 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 9). Writing `\sdcite[15]{guzman:sd}` you will obtain: Guzmán de Rojas, *Problemática*. This command is deprecated. Use the `entrysubtype` field instead (see section 4).

`\footcitet{`⟨*key*⟩`}`

Same as `\footcite`,[5] but with the `\textcite` style.[6] (defined only for the `classic` and `modern` styles).

[5] Corrocher 2009, pp. 12-13.
[6] 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.

9 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 ☞Heidegger (2001). If you do not like this anachronistic label you may use the `shorthand` field, such as ☞Kant (1968b [henceforth cited as KpV]). Note that a "shorthand intro" is automatically printed when the entry is cited for the first time and omitted afterwards. To turn off this capability load the option `shorthandintro=false`. In this case you will need a list of shorthands (`\printshorthands` command). If you do not like these solutions you can use the `entrysubtype` field with `classical` value (see section 4) or the `\sdcite` command (section 8).

10 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` (☞ 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 (☞ 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 (☞ 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` (☞ 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.

11 Using the styles with other languages

The philosophy styles can be used for both Italian and English documents simply loading the babel package (or polyglossia).

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

```
\NewBibliographyString{transtolang,edorig,cit,reviewof,nodate}
\DefineBibliographyStrings{german}{%
inherit={german},
transtolang = {deut\adddotspace \"Ubers\adddot},
edorig = {...},
cit = {...},
reviewof {...},
nodate ={...}}
```

12 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.

12.1 Deprecated fields

The following fields can hold both the translation and 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).

origtitle field (literal)

The title of the translation/original edition.

origpublisher field (list)

The publisher of the translation/original edition.

origlocation field (list)

The location of the translation/original edition.

origdate field (range)

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.

reprinttitle field (literal)

If the work has a reprint, the title of the reprint. It can not be used together with the origtitle field.

usera field (literal)

The title of the `@collection` in which the translation of an `@article` (`@inbook` or `@incollection`) is published. The field is printed after the `origtitle` 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)

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

Mach, E. (1883), *Die Mechanik in ihrer Entwickelung 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)

This field is printed at the end of the entry, after the `origdate` 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.

Warning The `origdate` is needed in order to print these fields. Contrarily they will be ignored.

12.2 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].

13 Changes

0.8a 2011/11/11

Documentation in English
Full compatibility with English documents
Added option `restoreclassic` for command `\printbibliography` 5
Updated documentation

0.7c 2011/05/16

Fixed some bugs
New option `origfieldstype` 5
Added bibliography string `nodate` (for Italian only)
Updated documentation

0.7b 2010-04-23

Removed package option romanvol 5
Added package option volumeformat 5
Added package option editionformat 5
Activated the option singletitle for style philosophy-verbose 1.4.3
Added bibliography driver @review
Added bibliography string cit
Added bibliography string reviewof
Updated documentation

0.7a 2010-04-03

Added command volumfont 6
Added command footcitet 6
Updated documentation

0.7 2010-03-30

Removed package option colonloc
Removed package option origparens
Removed package option origbrackets
Added package option origfieldsformat 5
Added package option publocformat 5
Added package option commacit 5
Added package option inbeforejournal 5
Added package option romanvol 5
Added package option volnumformat 5
Added command volnumpunct 6
Added citation command \sdcite 8
Added citation command \ccite 8
Updated documentation

0.6 2010-03-07

Added localization file italian-philosophy.lbx
Added file philosophy-standard.bbx
New documentation file biblatex-philosophy
Removed file philosophy-authoryear-doc.tex
Removed file philosophy-verbose-doc.tex

0.5

Added new bibliography style `philosophy-verbose` 1.4.3
Added localization file `italian-philosophy.lbx`
Added package option `origparens` 5
Added package option `origbrackets` 5
Added package option `latinemph` 5
Changed package option `scauthors` 5
Changed package option `scauthorscite` 5
Changed package option `scauthorsbib` 5
Renamed file `biblatex-philosophy-doc.tex` to
`philosophy-authoryear-doc.tex`
Added file `philosophy-verbose-doc.tex`
Updated documentation

0.4

Improved compatibility for `biblatex` version 0.9

References

Clawson, James

2010 *`biblatex-mla`. MLA Style Using biblatex*, version 0.95, `http://tug.ctan.org/tex-archive/macros/latex/exptl/biblatex-contrib/biblatex-mla`.

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://tug.ctan.org/tex-archive/macros/latex/exptl/biblatex-contrib/biblatex-historian`.

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://www.ctan.org/tex-archive/macros/latex/exptl/biblatex/doc/`.

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 LaTeX. Un'introduzione a LaTeX*, with a forew. by Enrico Gregorio, `http://www.lorenzopantieri.net/LaTeX_files/ArteLaTeX.pdf`.

The most popular italian guide to LaTeX. A little masterpiece of style and typesetting.

Waßenhoven, Dominik

2011 *biblatex-dw*, version 1.4, `http://tug.ctan.org/tex-archive/macros/latex/exptl/biblatex-contrib/biblatex-dw`.

A small collection of styles for the biblatex pack- age. It was designed for citations in the Humanities and offers some features that are not provided by the standard biblatex styles.

Examples

See also `philosophy-examples.bib` in the "`texm-dist/doc/latex/biblatex-philosophy`" directory of your TeXLive installation.

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 comunicacíon social con el pueblo Aymara*, mimeo, Con los auspicios del Centro internacional de Investigacíones para el Desarrollo de Canada.

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

Heidegger, Martin

2001 *Sein und Zeit*, 18th ed., Max Niemeyer Verlag, Tübingen. Apparso originariamente nel 1927 nell'annuario diretto da H. Husserl *Jahrbuch für Philosophie und phänomenologische Forschung (vol. VIII)*.
Note the `library` field, use for some details about the first edition.

Kant, Immanuel

1968a *Kants Werke. Akademie Textausgabe*, 9 vols., Walter de Gruyter, Berlin.

1968b *Kritik der praktischen Vernunft*, in *Kants Werke. Akademie Textausgabe*, vol. 5: *Kritik der praktischen Vernunft. Kritik der Urtheilskraft*, Walter de Gruyter, Berlin, pp. 1-163.
An edition of Kant's *Collected Works*, volume five. This is an `inbook` entry which explicitly refers to the *Critique of Practical Reason* only, not to the entire fifth volume. Note the `author` and `bookauthor` fields in the database file. By default, the `bookauthor` is omitted if the values of the `author` and `bookauthor` fields are identical.

1968c *Kritik der praktischen Vernunft*, in Kant (1968a), vol. 5, pp. 1-163.

1968d *Kritik der Urtheilskraft*, in Kant (1968a), vol. 5, pp. 165-485.

Komensky, Jan Amos [Comenio]

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

Lobačevskij, Nikolaj Ivanovič

1994 *Nuovi principi della geometria. Con una teoria completa delle parallele*, ed. by Lucio Lombarto Radice, with a forew. by Evandro Agazzi, Bollati Boringhieri, Torino; orig. ed. 1835.
An entry typeset using the depreciated `orig-` fields mechanism.

Poincaré, Jules-Henri

1968 *La science et l'hypothèse*, Flammarion, Paris; trans. as *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. as *Logica della scoperta scientifica*, 3rd ed., Einaudi, Torino 1998.
A book entry followed by two differents 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 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.
A collection with four authors.

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.

14 The Code

14.1 philosophy-standard.bbx

```
\RequireBibliographyStyle{standard}
```

Load the localization modules:

```
\DeclareLanguageMapping{italian}{italian-philosophy}
\DeclareLanguageMapping{english}{english-philosophy}
```

14.1.1 Global options

```
\newtoggle{bbx:annotation}
\newtoggle{bbx:library}
\newtoggle{bbx:scauthors}
\newtoggle{bbx:scauthorsbib}
\newtoggle{bbx:inbeforejournal}
\newtoggle{bbx:classical}

\DeclareBibliographyOption{annotation}[true]{%
  \settoggle{bbx:annotation}{#1}}
\DeclareBibliographyOption{library}[true]{%
  \settoggle{bbx:library}{#1}}
\DeclareBibliographyOption{scauthors}[true]{%
  \settoggle{bbx:scauthors}{#1}}
\DeclareBibliographyOption{scauthorsbib}[true]{%
```

```
  \settoggle{bbx:scauthorsbib}{#1}}
\DeclareBibliographyOption{inbeforejournal}[true]{%
  \settoggle{bbx:inbeforejournal}{#1}}
\DeclareBibliographyOption{classical}[true]{%
  \settoggle{bbx:classical}{#1}}

\newcommand{\bbx@publocformat}{}
\newcommand{\bbx@volnumformat}{}
\newcommand{\bbx@relatedformat}{}
\newcommand{\bbx@origfields}{}
\newcommand{\bbx@editionformat}{}
\newcommand{\bbx@volumeformat}{}

\DeclareBibliographyOption{publocformat}[publocyear]{%
  \renewcommand{\bbx@publocformat}{#1}}
\DeclareBibliographyOption{volnumformat}[plain]{%
  \renewcommand{\bbx@volnumformat}{#1}}
\DeclareBibliographyOption{origfieldsformat}[semicolon]{%
  \renewcommand{\bbx@relatedformat}{#1}}
\DeclareBibliographyOption{relatedformat}[semicolon]{%
  \renewcommand{\bbx@relatedformat}{#1}}
\DeclareBibliographyOption{origfields}[true]{%
  \renewcommand{\bbx@origfields}{#1}}
\DeclareBibliographyOption{editionformat}[arabic]{%
  \renewcommand{\bbx@editionformat}{#1}}
\DeclareBibliographyOption{volumeformat}[arabic]{%
  \renewcommand{\bbx@volumeformat}{#1}}

\DeclareEntryOption{origed}[true]{%
  \renewcommand{\bbx@origfields}{origed}}

\ExecuteBibliographyOptions{%
  publocformat     = publocyear,
  annotation       = false,
  library          = true,
  scauthors        = false,
  scauthorsbib     = false,
  origfieldsformat = semicolon,
  inbeforejournal  = false,
  volnumformat     = plain,
  editionformat    = arabic,
  volumeformat     = arabic,
  classical        = false,
  useprefix        = true,
  maxcitenames     = 2,
  mincitenames     = 1,
  maxbibnames      = 999,
  minbibnames      = 999}
```

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

```
\newcounter{maxnamesincross}
\newcounter{minnamesincross}

\AtBeginShorthands{
```

The annotation field is omitted in the list of shorthands:

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

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

```
  \DeclareCiteCommand{\bbx@crossref@inbook}
  {}%
  {\iffieldundef{shorthand}%
    {\usebibmacro{inbook:full}}%
    {\usebibmacro{cite:shorthand}}}%
  {}%
  {}%
\DeclareCiteCommand{\bbx@crossref@incollection}
  {}%
  {\iffieldundef{shorthand}%
    {\usebibmacro{incollection:full}}%
    {\usebibmacro{cite:shorthand}}}%
  {}%
  {}%
}
```

14.1.2 Name format

```
\AtBeginBibliography{%
\iftoggle{bbx:scauthorsbib}{%
\DeclareNameFormat{sortname}{%
  \ifnumequal{\value{listcount}}{1}
    {\iffirstinits
       {\usebibmacro{name:last-first}{\textsc{#1}}{\textsc{#4}}{\textsc{#5}}%
           {\textsc{#7}}}%MOD
       {\ifblank{#3}{\usebibmacro{name:last-first}{\textsc{#1}\nopunct}%
           {\textsc{#3}}{\textsc{#5}}{\textsc{#7}}}
       {\usebibmacro{name:last-first}{\textsc{#1}}{\textsc{#3}}{\textsc{#5}}%
           {\textsc{#7}}}}%
     \ifblank{#3#5}
       {}
       {\usebibmacro{name:revsdelim}}}
    {\iffirstinits
       {\usebibmacro{name:first-last}{\textsc{#1}}{\textsc{#4}}{\textsc{#5}}%
           {\textsc{#7}}}
       {\usebibmacro{name:first-last}{\textsc{#1}}{\textsc{#3}}{\textsc{#5}}%
           {\textsc{#7}}}}%
  \usebibmacro{name:andothers}}}%
{}}%

\AtBeginDocument{%
\iftoggle{bbx:scauthors}{%
  \toggletrue{bbx:scauthorsbib}%
```

```
  \toggletrue{cbx:scauthorscite}}%
{}}
```

14.1.3 New internal commands

```
\renewcommand*{\newunitpunct}{\addcomma\space}
\renewcommand*{\subtitlepunct}{\addperiod\space}
\renewcommand*{\intitlepunct}{\nopunct\addspace}
\newcommand*{\volnumpunct}{\addcomma\space}
```

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

```
\newrobustcmd{\mkpureparens}[1]{%
  \begingroup
  \blx@blxinit
  \blx@setsfcodes
  \blx@postpunct(#1\blx@postpunct)\midsentence%
  \endgroup}
```

Indexing

```
\renewbibmacro*{citeindex}{%
\ifciteindex{\indexnames{labelname}}{}}
\renewbibmacro*{bibindex}{%
\ifbibindex{\indexnames{author}%
\indexnames{editor}%
\indexnames{editora}%
\indexnames{editorb}%
\indexnames{editorc}}%
{}}%
```

Font selection

```
\newcommand*{\annotationfont}{\footnotesize}
\newcommand*{\libraryfont}{}
\newcommand*{\editionfont}{%
    \ifdefstring{\bbx@editionformat}{romanupp}
      {\uppercase}%
      {\ifdefstring{\bbx@editionformat}{romansc}
      {\scshape}%
      {\relax}}%
      }%
\newrobustcmd*{\edfnt}[1]{%
  \begingroup
  \expandafter\editionfont
  \expandafter{\romannumeral#1}%
  \endgroup}
```

14.1.4 Fields formats

```
\DeclareFieldFormat[bookinbook,thesis]{title}{\mkbibemph{#1}}
\DeclareFieldFormat[review]{title}{\bibstring{reviewof}\addspace#1}
\DeclareFieldFormat[inreference,article]{title}{\mkbibquote{#1}}
```

```
\DeclareFieldFormat[bookinbook,thesis]{citetitle}{\mkbibemph{#1}}
\DeclareFieldFormat{origtitle}{\mkbibemph{#1}}
\DeclareFieldFormat[article]{origtitle}{\mkbibquote{#1}}
\DeclareFieldFormat{usera}{\mkbibemph{#1}}
\DeclareFieldFormat[bookinbook,inbook]{usera}{\mkbibemph{#1}}
\DeclareFieldFormat[incollection]{usera}{\mkbibquote{#1}}
\DeclareFieldFormat{userc}{\mkpageprefix[bookpagination]{#1}}
\DeclareFieldFormat{url}{\url{#1}}
\DeclareFieldFormat{annotation}{\annotationfont #1}
\DeclareFieldFormat{library}{\libraryfont #1}
\DeclareFieldFormat{backrefparens}{\mkpureparens{#1}}
\DeclareFieldFormat{pureparens}{\mkpureparens{#1}}
\DeclareFieldFormat{volume}{%
  \bibstring{volume}~%
  \ifinteger{#1}{%
  \ifdefstring{\bbx@volumeformat}{arabic}%
    {#1}%
    {\ifdefstring{\bbx@volumeformat}{romanupp}%
       {\RN{#1}}%
       {\ifdefstring{\bbx@volumeformat}{romansc}%
         {\textsc{\Rn{#1}}}%
         {#1}}}}{#1}}
\DeclareFieldFormat{number}{%
  \ifdefstring{\bbx@volnumformat}{strings}{%
    \bibstring{number}~#1}{#1}}
\DeclareFieldFormat{series}{%
  \ifinteger{#1}
    {\mkbibordseries{#1}~\bibstring{jourser}}
    {\ifbibstring{#1}{\bibstring{#1}}{#1}}}
\DeclareFieldFormat{edition}{%
  \ifinteger{#1}{%
    \ifdefstring{\bbx@editionformat}{arabic}
      {\mkbibordedition{#1}~\bibstring{edition}}
      {\ifdefstring{\bbx@editionformat}{romanupp}%
        {\RN{#1}~\bibstring{edition}}%
        {\ifdefstring{\bbx@editionformat}{romansc}%
          {\textsc{\Rn{#1}}~\bibstring{edition}}%
          {\mkbibordedition{#1}~\bibstring{edition}}}}}
    {#1}}%\isdot??
\DeclareFieldFormat{related:translatedas}{%
  \ifdefstring{\bbx@relatedformat}{parens}%
  {\mkpureparens{#1}}%
  {\ifdefstring{\bbx@relatedformat}{brackets}%
  {\mkbibbrackets{#1}}%
  {\printtext{\addsemicolon\space}#1}}}%
```

14.1.5 The `orig-` macros (deprecated)

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

```
\newbibmacro*{origpublisher+origlocation+origdate}{%
\ifdefstring{\bbx@publocformat}{loccolonpub}
{\usebibmacro{origloccolonpub}\setunit{\bibpagespunct}%
     \printfield{userc}}{\ifdefstring{\bbx@publocformat}{locpubyear}
{\usebibmacro{origlocpubyear}\setunit{\bibpagespunct}%
     \printfield{userc}}
{\usebibmacro{origpublocyear}\setunit{\bibpagespunct}%
     \printfield{userc}}}}

\newbibmacro*{origpublocyear}{%
\iflistundef{origpublisher}%
{\printlist{origlocation}%
\setunit*{\addspace}%
   \printorigdate}%
{\printlist{origpublisher}%
     \setunit*{\addcomma\space}%
\printlist{origlocation}%
\setunit*{\addspace}%
   \printorigdate}%
  \newunit}

\newbibmacro*{origloccolonpub}{%
\iflistundef{origlocation}{}%
  {\printlist{origlocation}}%
  \iflistundef{origpublisher}%
     {\setunit*{\addspace}%
\printorigdate}%
     {\setunit*{\addcolon\space}%
  \printlist{origpublisher}%
  \setunit*{\addcomma\space}%
  \printorigdate}%
  \newunit}

\newbibmacro*{origlocpubyear}{%
\iflistundef{origlocation}{}%
  {\printlist{origlocation}}%
  \iflistundef{origpublisher}%
     {\setunit*{\addspace}%
\printorigdate}%
     {\setunit*{\addcomma\space}%
  \printlist{origpublisher}%
  \setunit*{\addcomma\space}%
  \printorigdate}%
  \newunit}

\newbibmacro*{reprinttitle}{%
  \iffieldundef{reprinttitle}{}{%
   \ififieldsequal{reprinttitle}{title}{}{%
        \printfield[title]{reprinttitle}%
      \setunit{\addcomma\space}}}%
```

```
\iffieldundef{userb}{}{%
        \printfield{userb}}}%

\newbibmacro*{transorigstring}{%
\iffieldundef{reprinttitle}%
{\printtext{\ifdefstring{\bbx@origfields}{origed}
{\bibstring{origed}}%
{\bibstring{transtolang}}}\nopunct}%
{\printtext{\bibstring{reprint}}}\nopunct}

\newbibmacro*{origtitle:book}{%
  \iffieldundef{origtitle}{}{
        \printfield[origtitle]{origtitle}%
      \setunit{\addcomma\space}}
\iffieldundef{userb}{}{%
        \printfield{userb}}}%

\newbibmacro*{origtitledata:book}{%
\usebibmacro{transorigstring}%
\iffieldundef{reprinttitle}%
{\usebibmacro{origtitle:book}}%
{\usebibmacro{reprinttitle}}%
\newunit\newblock
   \usebibmacro{origpublisher+origlocation+origdate}}

\newbibmacro*{origdata:book}{%
  \ifboolexpr{
    test {\iffieldundef{origtitle}}
    and
    test {\iffieldundef{origlocation}}
    and
    test {\iffieldundef{origpublisher}}
    and
    test {\iffieldundef{origyear}}
  }%
  {}%
      {\ifdefstring{\bbx@relatedformat}{parens}
    {\nopunct\printtext[pureparens]{\usebibmacro{origtitledata:book}}}
    {\ifdefstring{\bbx@relatedformat}{brackets}
        {\nopunct\printtext[brackets]{\usebibmacro{origtitledata:book}}}
        {\setunit{\addsemicolon\space}%
            \printtext{\usebibmacro{origtitledata:book}}}}}}

\newbibmacro*{origtitle:article-inbook-incoll}{%
  \iffieldundef{origtitle}{}{%
        \printfield[origtitle]{origtitle}%
\setunit{\addcomma\space}}
\iffieldundef{usera}{}{%
\usebibmacro{in:}%
\printfield{usera}%
```

```
             \setunit{\addcomma\space}}%
\iffieldundef{userb}{}{%
        \printfield{userb}%
       \newunit}}

\newbibmacro*{origtitledata:article-inbook-incoll}{%
        \usebibmacro{transorigstring}%
        \setunit{\addspace}%
        \usebibmacro{origtitle:article-inbook-incoll}%
        \usebibmacro{origpublisher+origlocation+origdate}}

\newbibmacro*{origdata:article-inbook}{%
    \iflistundef{origlocation}{}{%
        \ifdefstring{\bbx@relatedformat}{parens}
          {\nopunct\printtext[pureparens]{%
          \usebibmacro{origtitledata:article-inbook-incoll}}}%
             {\ifdefstring{\bbx@relatedformat}{brackets}
                {\nopunct\printtext[brackets]{%
            \usebibmacro{origtitledata:article-inbook-incoll}}}%
        {\setunit{\addsemicolon\space}%
     \printtext{%
  \usebibmacro{origtitledata:article-inbook-incoll}}}}}
```

14.1.6 New macros

```
\renewbibmacro*{addendum+pubstate}{%
  \printfield{addendum}%
  \newunit\newblock
  \printfield{pubstate}%
  \ifdefstring{\bbx@origfields}{none}{}{%
   \newunit\newblock
  \usebibmacro{origdata:book}}%
  \newunit\newblock
  \usebibmacro{library}}

\newbibmacro*{addendum+pubstate:article-inbook-incoll}{%
  \printfield{addendum}%
  \newunit\newblock
  \printfield{pubstate}%
  \ifdefstring{\bbx@origfields}{none}{}{%
   \newunit\newblock
  \usebibmacro{origdata:article-inbook}}%
  \newunit\newblock
  \usebibmacro{library}}

\newbibmacro*{volnumdefault}{%
\printfield{volume}%
  \setunit*{\volnumpunct}%
  \printfield{number}}

```

```
\newbibmacro*{volnumparens}{%
\nopunct%
\printtext[pureparens]{%
\printfield{volume}%
  \setunit*{\volnumpunct}%
  \printfield{number}}\addcomma\space}

\newbibmacro*{volnumstrings}{%
  \iffieldundef{volume}{}{%
    \printfield{volume}\setunit*{\volnumpunct}}%
 \iffieldundef{number}{}{%
   \printfield{number}}}

\renewbibmacro*{journal}{%
  \iffieldundef{journaltitle}
    {}
    {\printtext[journaltitle]{%
       \printfield[titlecase]{journaltitle}%
       \midsentence%MOD#############
       \setunit{\subtitlepunct}%
       \printfield[titlecase]{journalsubtitle}}}}

\renewbibmacro*{periodical}{%
  \iffieldundef{title}
    {}
    {\printtext[title]{%
       \printfield[titlecase]{title}%
       \midsentence%MOD##############
       \setunit{\subtitlepunct}%
       \printfield[titlecase]{subtitle}}}}

\renewbibmacro*{journal+issuetitle}{%
  \usebibmacro{journal}%
  \setunit*{\addspace}%
  \iffieldundef{series}
    {}
    {\newunit%
     \printfield{series}\setunit{\addspace}\midsentence}%
     \newunit%
  \usebibmacro{volume+number+eid}%
  \setunit{\addspace}%
  \usebibmacro{issue+date}%
  \setunit{\addcolon\space}%
  \usebibmacro{issue}%
  \newunit}

\renewbibmacro*{title+issuetitle}{%
  \usebibmacro{periodical}%
  \setunit*{\addspace}%
  \iffieldundef{series}
```

```
    {}
    {\newunit
     \printfield{series}%
     \setunit{\addspace}\midsentence}%
  \newunit
  \usebibmacro{volume+number+eid}%
  \setunit{\addcomma\space}%
  \printfield{eid}%
  \setunit{\addspace}%
  \usebibmacro{issue+date}%
  \setunit{\addcolon\space}%
  \usebibmacro{issue}%
  \newunit}

\renewbibmacro*{volume+number+eid}{%
     \ifdefstring{\bbx@volnumformat}{strings}
      {\usebibmacro{volnumstrings}}%
      {\ifdefstring{\bbx@volnumformat}{parens}
      {\usebibmacro{volnumparens}}%
      {\usebibmacro{volnumdefault}}}%
  \setunit{\addcomma\space}%
  \printfield{eid}}

\renewbibmacro*{issue+date}{%
  \printtext[pureparens]{%
    \iffieldundef{issue}
      {\usebibmacro{date}}
      {\printfield{issue}%
       \setunit*{\addspace}%
       \usebibmacro{date}}}%
  \newunit}

\renewbibmacro*{event+venue+date}{%v0.8
  \printfield{eventtitle}%
  \ifboolexpr{
    test {\iffieldundef{venue}}
    and
    test {\iffieldundef{eventyear}}
  }
    {}
    {\setunit*{\addspace}%
     \printtext{%
       \printfield{venue}%
       \setunit*{\addcomma\space}%
       \printeventdate}}%
  \newunit}

\renewbibmacro*{series+number}{%
  \printfield{series}%
\setunit*{\addcomma\space}%
```

```
  \printfield{number}%
  \newunit}

\renewbibmacro*{publisher+location+date}{%
\ifdefstring{\bbx@publocformat}{loccolonpub}
  {\usebibmacro{loccolonpub}}
    {\ifdefstring{\bbx@publocformat}{locpubyear}
    {\usebibmacro{locpubyear}}
    {\usebibmacro{publocyear}}}}

\renewbibmacro*{institution+location+date}{%
\ifdefstring{\bbx@publocformat}{loccolonpub}
  {\usebibmacro{inloccolonpub}}
    {\ifdefstring{\bbx@publocformat}{locpubyear}
    {\usebibmacro{inlocpubyear}}
    {\usebibmacro{inpublocyear}}}}

\renewbibmacro*{organization+location+date}{%
\ifdefstring{\bbx@publocformat}{loccolonpub}
  {\usebibmacro{orgloccolonpub}}
    {\ifdefstring{\bbx@publocformat}{locpubyear}
    {\usebibmacro{orglocpubyear}}
    {\usebibmacro{orgpublocyear}}}}

\newbibmacro*{library}{%
\iftoggle{bbx:library}{%
  \iffieldundef{library}%
  {}%
    {\setunit{\addperiod\space}%
      {\printfield{library}}}}%
    {}}
```

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

```
\renewbibmacro*{pageref}{%
  \iflistundef{pageref}
    {}%
    {\setunit{\addperiod\space}%
    \printtext[backrefparens]{%
       \ifnumgreater{\value{pageref}}{1}
         {\bibstring{backrefpages}\ppspace}%
{\bibstring{backrefpage}\ppspace}%
       \printlist[pageref][-\value{listtotal}]{pageref}\adddot}\nopunct}}%

\renewbibmacro*{finentry}{%
  \iftoggle{bbx:annotation}%
    {\iffieldundef{annotation}%
      {\finentry}%
      {\setunit{\addperiod\par\nobreak\vspace*{.5ex}}%
      \printtext[annotation]{\printfield{annotation}\finentry\par}}}%
```

```
 {\finentry}}

\newbibmacro*{publocyear}{%
  \iflistundef{publisher}%
   {}%
{\printlist{publisher}}
  \setunit*{\addcomma\space}%
  \printlist{location}%
  \usebibmacro{relateddate}%
\newunit}

\newbibmacro*{inpublocyear}{%
  \iflistundef{institution}%
   {}%
{\printlist{institution}}
  \setunit*{\addcomma\space}%
  \printlist{location}%
  \usebibmacro{relateddate}%
\newunit}

\newbibmacro*{orgpublocyear}{%
  \iflistundef{organization}%
   {}%
{\printlist{organization}}
  \setunit*{\addcomma\space}%
  \printlist{location}%
  \usebibmacro{relateddate}%
\newunit}

\newbibmacro*{loccolonpub}{%
  \printlist{location}%
  \iflistundef{publisher}%
   {\setunit*{\addspace}}
     {\setunit*{\addcolon\space}}%
  \printlist{publisher}%
  \usebibmacro{commarelateddate}%
\newunit}

\newbibmacro*{inloccolonpub}{%
  \printlist{location}%
  \iflistundef{institution}
    {\setunit*{\addspace}}
    {\setunit*{\addcolon\space}}%
  \printlist{institution}%
  \usebibmacro{commarelateddate}%
  \newunit}

\newbibmacro*{orgloccolonpub}{%
  \printlist{location}%
  \iflistundef{organization}
```

```
    {\setunit*{\addspace}}
    {\setunit*{\addcolon\space}}%
  \printlist{organization}%
  \usebibmacro{commarelateddate}%
  \newunit}

\newbibmacro*{locpubyear}{%
  \printlist{location}%
  \iflistundef{publisher}%
   {\setunit*{\addspace}}
     {\setunit*{\addcomma\space}}%
  \printlist{publisher}%
  \usebibmacro{commarelateddate}%
\newunit}

\newbibmacro*{inlocpubyear}{%
  \printlist{location}%
  \iflistundef{institution}
    {\setunit*{\addspace}}
    {\setunit*{\addcomma\space}}%
  \printlist{institution}%
  \usebibmacro{commarelateddate}%
  \newunit}

\newbibmacro*{orglocpubyear}{%
  \printlist{location}%
  \iflistundef{organization}
    {\setunit*{\addspace}}
    {\setunit*{\addcomma\space}}%
  \printlist{organization}%
  \usebibmacro{commarelateddate}%
  \newunit}
```

14.1.7 The `related` field mechanism

```
\newbibmacro*{relateddate}{%
  \setunit*{\addspace}%
  \printdate}
\newbibmacro*{commarelateddate}{%
  \setunit*{\addcomma\space}%
  \printdate}

\DeclareCiteCommand{\relatedcite}
  {}%
  {\usedriver
     {\DeclareNameAlias{sortname}{default}%
     % trucco per modificare due righe in ogni driver
     % e togliere l'autore/curatore nelle voci 'related'
  \renewbibmacro*{author/translator+others}{\usebibmacro{bbx:savehash}}%
  \renewbibmacro*{author/editor+others/translator+others}{\usebibmacro{bbx:savehash}}%
  \renewbibmacro*{editor+others}{\usebibmacro{bbx:savehash}}%
```

```
  \renewbibmacro*{author/translator+others}{\usebibmacro{bbx:savehash}}%
  \renewbibmacro*{author/editor}{\usebibmacro{bbx:savehash}}%
  \renewbibmacro*{author}{\usebibmacro{bbx:savehash}}%
  \renewbibmacro*{editor}{\usebibmacro{bbx:savehash}}%
  \renewcommand*{\labelnamepunct}{}%
  \renewbibmacro*{relateddate}{%
    \setunit*{\addspace}\printdate}%
  \renewbibmacro*{commarelateddate}{%
    \setunit*{\addcomma\space}\printdate}}%
     {\thefield{entrytype}}}%
  {}%
  {}%

\newbibmacro*{related:translatedas}[1]{%
  \togglefalse{cbx:scauthorscite}%
  \togglefalse{bbx:annotation}%
\iffieldundef{relatedstring}%
  {\bibstring{translationas}\space}%
  {\setunit{\bibstring{translationas}\space}}%
  \relatedcite{\thefield{related}}}

\renewbibmacro*{related:default}{%
  \usebibmacro{related:translatedas}}
```

14.1.8 Bibliography drivers

```
\DeclareBibliographyDriver{article}{%
  \usebibmacro{bibindex}%
  \usebibmacro{begentry}%
  \usebibmacro{author/translator+others}%
  \setunit{\labelnamepunct}\newblock
  \usebibmacro{title}%
  \newunit
  \printlist{language}%
  \newunit\newblock
  \usebibmacro{byauthor}%
  \newunit\newblock
  \usebibmacro{bytranslator+others}%
  \newunit\newblock
  \printfield{version}%
  \newunit\newblock
  \iftoggle{bbx:inbeforejournal}{\usebibmacro{in:}}{}
  \usebibmacro{journal+issuetitle}%
  \newunit\newblock
  \usebibmacro{byeditor+others}%
  \newunit\newblock
  \usebibmacro{note+pages}%
  \newunit\newblock
  \iftoggle{bbx:isbn}
    {\printfield{issn}}
    {}%
```

```
  \newunit\newblock
  \usebibmacro{doi+eprint+url}%
  \newunit\newblock
  \usebibmacro{addendum+pubstate:article-inbook-incoll}%MOD
  \setunit{\addsemicolon\space}\newblock
  \usebibmacro{related}%
  \newunit\newblock
  \usebibmacro{pageref}%
  \usebibmacro{finentry}}

\DeclareBibliographyDriver{book}{%
  \usebibmacro{bibindex}%
  \usebibmacro{begentry}%
  \usebibmacro{author/editor+others/translator+others}%
  \setunit{\labelnamepunct}\newblock
  \usebibmacro{maintitle+title}%
  \newunit
  \printlist{language}%
  \newunit\newblock
  \usebibmacro{byauthor}%
  \newunit\newblock
  \usebibmacro{byeditor+others}%
  \newunit\newblock
  \printfield{edition}%
  \newunit
  \iffieldundef{maintitle}
    {\printfield{volume}%
     \printfield{part}}
    {}%
  \newunit
  \printfield{volumes}%
  \newunit\newblock
  \usebibmacro{series+number}%
  \newunit\newblock
  \printfield{note}%
  \newunit\newblock
  \usebibmacro{publisher+location+date}%
  \newunit\newblock
  \usebibmacro{chapter+pages}%
  \newunit
  \printfield{pagetotal}%
  \newunit\newblock
  \iftoggle{bbx:isbn}
    {\printfield{isbn}}
    {}%
  \newunit\newblock
  \usebibmacro{doi+eprint+url}%
  \newunit\newblock
  \usebibmacro{addendum+pubstate}%
  \setunit{\addsemicolon\space}\newblock
```

```
  \usebibmacro{related}%
  \newunit\newblock
  \usebibmacro{pageref}%
  \usebibmacro{finentry}}

\DeclareBibliographyDriver{booklet}{%
  \usebibmacro{bibindex}%
  \usebibmacro{begentry}%
  \usebibmacro{author/editor+others/translator+others}%
  \setunit{\labelnamepunct}\newblock
  \usebibmacro{title}%
  \newunit
  \printlist{language}%
  \newunit\newblock
  \usebibmacro{byauthor}%
  \newunit\newblock
  \usebibmacro{byeditor+others}%
  \newunit\newblock
  \printfield{howpublished}%
  \newunit\newblock
  \printfield{type}%
  \newunit\newblock
  \printfield{note}%
  \newunit\newblock
  \usebibmacro{location+date}%
  \newunit\newblock
  \usebibmacro{chapter+pages}%
  \newunit
  \printfield{pagetotal}%
  \newunit\newblock
  \usebibmacro{doi+eprint+url}%
  \newunit\newblock
  \usebibmacro{addendum+pubstate}%
  \setunit{\addsemicolon\space}\newblock
  \usebibmacro{related}%
  \newunit\newblock
  \usebibmacro{pageref}%
  \usebibmacro{finentry}}

\DeclareBibliographyDriver{collection}{%
  \usebibmacro{bibindex}%
  \usebibmacro{begentry}%
  \usebibmacro{editor+others}%
  \setunit{\labelnamepunct}\newblock
  \usebibmacro{maintitle+title}%
  \newunit
  \printlist{language}%
  \newunit\newblock
  \usebibmacro{byeditor+others}%
  \newunit\newblock
```

```
  \printfield{edition}%
  \newunit
  \iffieldundef{maintitle}
    {\printfield{volume}%
     \printfield{part}}
    {}%
  \newunit
  \printfield{volumes}%
  \newunit\newblock
  \usebibmacro{series+number}%
  \newunit\newblock
  \printfield{note}%
  \newunit\newblock
  \usebibmacro{publisher+location+date}%
  \newunit\newblock
  \usebibmacro{chapter+pages}%
  \newunit
  \printfield{pagetotal}%
  \newunit\newblock
  \iftoggle{bbx:isbn}
    {\printfield{isbn}}
    {}%
  \newunit\newblock
  \usebibmacro{doi+eprint+url}%
  \newunit\newblock
  \usebibmacro{addendum+pubstate}%
  \setunit{\addsemicolon\space}\newblock
  \usebibmacro{related}%
  \newunit\newblock
  \usebibmacro{pageref}%
  \usebibmacro{finentry}}

\DeclareBibliographyDriver{inbook}{%
  \usebibmacro{bibindex}%
  \usebibmacro{begentry}%
  \usebibmacro{author/translator+others}%
  \setunit{\labelnamepunct}\newblock
  \usebibmacro{title}%
  \newunit
  \printlist{language}%
  \newunit\newblock
  \usebibmacro{byauthor}%
  \newunit\newblock
  \usebibmacro{in:}%
  \iffieldundef{xref}%
   {\iffieldundef{crossref}{\usebibmacro{inbook:full}}%
   {\bbx@crossref@inbook{\thefield{crossref}}%
   \newunit\newblock
   \usebibmacro{crossrefdata}}}%
   {\bbx@crossref@inbook{\thefield{xref}}%
```

```
    \newunit\newblock
    \usebibmacro{xrefdata}}}%

\newbibmacro*{inbook:full}{%
  \usebibmacro{bybookauthor}%
  \newunit\newblock
  \usebibmacro{maintitle+booktitle}%
  \newunit\newblock
  \usebibmacro{byeditor+others}%
  \newunit\newblock
  \printfield{edition}%
  \newunit
  \iffieldundef{maintitle}
    {\printfield{volume}%
     \printfield{part}}
    {}%
  \newunit
  \printfield{volumes}%
  \newunit\newblock
  \usebibmacro{series+number}%
  \newunit\newblock
  \printfield{note}%
  \newunit\newblock
  \usebibmacro{publisher+location+date}%
  \newunit\newblock
  \usebibmacro{chapter+pages}%
  \newunit\newblock
  \iftoggle{bbx:isbn}
    {\printfield{isbn}}
    {}%
  \newunit\newblock
  \usebibmacro{doi+eprint+url}%
  \newunit\newblock
  \usebibmacro{addendum+pubstate:article-inbook-incoll}%
  \setunit{\addsemicolon\space}\newblock
  \usebibmacro{related}%
  \newunit\newblock
  \usebibmacro{pageref}%
  \usebibmacro{finentry}}

\DeclareBibliographyDriver{incollection}{%
  \usebibmacro{bibindex}%
  \usebibmacro{begentry}%
  \usebibmacro{author/translator+others}%
  \setunit{\labelnamepunct}\newblock
  \usebibmacro{title}%
  \newunit
  \printlist{language}%
  \newunit\newblock
  \usebibmacro{byauthor}%
```

```
  \newunit\newblock
  \usebibmacro{in:}%
  \iffieldundef{xref}%
   {\iffieldundef{crossref}{\usebibmacro{incollection:full}}%
   {\bbx@crossref@incollection{\thefield{crossref}}%
   \newunit\newblock
   \usebibmacro{crossrefdata}}}%
   {\bbx@crossref@incollection{\thefield{xref}}%
   \newunit\newblock
   \usebibmacro{xrefdata}}}

  \newbibmacro*{incollection:full}{%
  \usebibmacro{maintitle+booktitle}%
  \newunit\newblock
  \usebibmacro{byeditor+others}%
  \newunit\newblock
  \printfield{edition}%
  \newunit
  \iffieldundef{maintitle}
    {\printfield{volume}%
     \printfield{part}}
    {}%
  \newunit
  \printfield{volumes}%
  \newunit\newblock
  \usebibmacro{series+number}%
  \newunit\newblock
  \printfield{note}%
  \newunit\newblock
  \usebibmacro{publisher+location+date}%
  \newunit\newblock
  \usebibmacro{chapter+pages}%
  \newunit\newblock
  \iftoggle{bbx:isbn}
    {\printfield{isbn}}
    {}%
  \newunit\newblock
  \usebibmacro{doi+eprint+url}%
  \newunit\newblock
  \usebibmacro{addendum+pubstate:article-inbook-incoll}%
  \setunit{\addsemicolon\space}\newblock
  \usebibmacro{related}%
  \newunit\newblock
  \usebibmacro{pageref}%
  \usebibmacro{finentry}}

\DeclareBibliographyDriver{inproceedings}{%
  \usebibmacro{bibindex}%
  \usebibmacro{begentry}%
  \usebibmacro{author/translator+others}%
```

```
  \setunit{\labelnamepunct}\newblock
  \usebibmacro{title}%
  \newunit
  \printlist{language}%
  \newunit\newblock
  \usebibmacro{byauthor}%
  \newunit\newblock
  \usebibmacro{in:}%
  \usebibmacro{maintitle+booktitle}%
  \newunit\newblock
  \usebibmacro{event+venue+date}%
  \newunit\newblock
  \usebibmacro{byeditor+others}%
  \newunit\newblock
  \iffieldundef{maintitle}
    {\printfield{volume}%
     \printfield{part}}
    {}%
  \newunit
  \printfield{volumes}%
  \newunit\newblock
  \usebibmacro{series+number}%
  \newunit\newblock
  \printfield{note}%
  \newunit\newblock
  \printlist{organization}%
  \newunit
  \usebibmacro{publisher+location+date}%
  \newunit\newblock
  \usebibmacro{chapter+pages}%
  \newunit\newblock
  \iftoggle{bbx:isbn}
    {\printfield{isbn}}
    {}%
  \newunit\newblock
  \usebibmacro{doi+eprint+url}%
  \newunit\newblock
  \usebibmacro{addendum+pubstate}%
  \setunit{\addsemicolon\space}\newblock
  \usebibmacro{related}%
  \newunit\newblock
  \usebibmacro{pageref}%
  \usebibmacro{finentry}}

\DeclareBibliographyDriver{manual}{%
  \usebibmacro{bibindex}%
  \usebibmacro{begentry}%
  \usebibmacro{author/editor}%
  \setunit{\labelnamepunct}\newblock
  \usebibmacro{title}%
```

```
  \newunit
  \printlist{language}%
  \newunit\newblock
  \usebibmacro{byauthor}%
  \newunit\newblock
  \usebibmacro{byeditor}%
  \newunit\newblock
  \printfield{edition}%
  \newunit\newblock
  \usebibmacro{series+number}%
  \newunit\newblock
  \printfield{type}%
  \newunit
  \printfield{version}%
  \newunit
  \printfield{note}%
  \newunit\newblock
  \printlist{organization}%
  \newunit
  \usebibmacro{publisher+location+date}%
  \newunit\newblock
  \usebibmacro{chapter+pages}%
  \newunit
  \printfield{pagetotal}%
  \newunit\newblock
  \iftoggle{bbx:isbn}
    {\printfield{isbn}}
    {}%
  \newunit\newblock
  \usebibmacro{doi+eprint+url}%
  \newunit\newblock
  \usebibmacro{addendum+pubstate}%
  \setunit{\addsemicolon\space}\newblock
  \usebibmacro{related}%
  \newunit\newblock
  \usebibmacro{pageref}%
  \usebibmacro{finentry}}

\DeclareBibliographyDriver{misc}{%
  \usebibmacro{bibindex}%
  \usebibmacro{begentry}%
  \usebibmacro{author/editor+others/translator+others}%
  \setunit{\labelnamepunct}\newblock
  \usebibmacro{title}%
  \newunit
  \printlist{language}%
  \newunit\newblock
  \usebibmacro{byauthor}%
  \newunit\newblock
  \usebibmacro{byeditor+others}%
```

```
  \newunit\newblock
  \printfield{howpublished}%
  \newunit\newblock
  \printfield{type}%
  \newunit
  \printfield{version}%
  \newunit
  \printfield{note}%
  \newunit\newblock
  \usebibmacro{organization+location+date}%
  \newunit\newblock
  \usebibmacro{doi+eprint+url}%
  \newunit\newblock
  \usebibmacro{addendum+pubstate}%
  \setunit{\addsemicolon\space}\newblock
  \usebibmacro{related}%
  \newunit\newblock
  \usebibmacro{pageref}%
  \usebibmacro{finentry}}

\DeclareBibliographyDriver{online}{%
  \usebibmacro{bibindex}%
  \usebibmacro{begentry}%
  \usebibmacro{author/editor+others/translator+others}%
  \setunit{\labelnamepunct}\newblock
  \usebibmacro{title}%
  \newunit
  \printlist{language}%
  \newunit\newblock
  \usebibmacro{byauthor}%
  \newunit\newblock
  \usebibmacro{byeditor+others}%
  \newunit\newblock
  \printfield{version}%
  \newunit
  \printfield{note}%
  \newunit\newblock
  \printlist{organization}%
  \newunit\newblock
  \usebibmacro{date}%
  \newunit\newblock
  \iftoggle{bbx:eprint}
    {\usebibmacro{eprint}}
    {}%
  \newunit\newblock
  \usebibmacro{url+urldate}%
  \newunit\newblock
  \usebibmacro{addendum+pubstate}%
  \setunit{\addsemicolon\space}\newblock
  \usebibmacro{related}%
```

```
  \newunit\newblock
  \usebibmacro{pageref}%
  \usebibmacro{finentry}}

\DeclareBibliographyDriver{patent}{%
  \usebibmacro{bibindex}%
  \usebibmacro{begentry}%
  \usebibmacro{author}%
  \setunit{\labelnamepunct}\newblock
  \usebibmacro{title}%
  \newunit
  \printlist{language}%
  \newunit\newblock
  \usebibmacro{byauthor}%
  \newunit\newblock
  \printfield{type}%
  \setunit*{\addspace}%
  \printfield{number}%
  \iflistundef{location}
    {}
    {\setunit*{\addspace}%
     \printtext[parens]{%
       \printlist[][-\value{listtotal}]{location}}}%
  \newunit\newblock
  \usebibmacro{byholder}%
  \newunit\newblock
  \printfield{note}%
  \newunit\newblock
  \usebibmacro{date}%
  \newunit\newblock
  \usebibmacro{doi+eprint+url}%
  \newunit\newblock
  \usebibmacro{addendum+pubstate}%
  \setunit{\addsemicolon\space}\newblock
  \usebibmacro{related}%
  \newunit\newblock
  \usebibmacro{pageref}%
  \usebibmacro{finentry}}

\DeclareBibliographyDriver{periodical}{%
  \usebibmacro{bibindex}%
  \usebibmacro{begentry}%
  \usebibmacro{editor}%
  \setunit{\labelnamepunct}\newblock
  \usebibmacro{title+issuetitle}%
  \newunit
  \printlist{language}%
  \newunit\newblock
  \usebibmacro{byeditor}%
  \newunit\newblock
```

```
  \printfield{note}%
  \newunit\newblock
  \iftoggle{bbx:isbn}
    {\printfield{issn}}
    {}%
  \newunit\newblock
  \usebibmacro{doi+eprint+url}%
  \newunit\newblock
  \usebibmacro{addendum+pubstate}%
  \setunit{\addsemicolon\space}\newblock
  \usebibmacro{related}%
  \newunit\newblock
  \usebibmacro{pageref}%
  \usebibmacro{finentry}}

\DeclareBibliographyDriver{proceedings}{%
  \usebibmacro{bibindex}%
  \usebibmacro{begentry}%
  \usebibmacro{editor+others}%
  \setunit{\labelnamepunct}\newblock
  \usebibmacro{maintitle+title}%
  \newunit
  \printlist{language}%
  \newunit\newblock
  \usebibmacro{event+venue+date}%
  \newunit\newblock
  \usebibmacro{byeditor+others}%
  \newunit\newblock
  \iffieldundef{maintitle}
    {\printfield{volume}%
     \printfield{part}}
    {}%
  \newunit
  \printfield{volumes}%
  \newunit\newblock
  \usebibmacro{series+number}%
  \newunit\newblock
  \printfield{note}%
  \newunit\newblock
  \printlist{organization}%
  \newunit
  \usebibmacro{publisher+location+date}%
  \newunit\newblock
  \usebibmacro{chapter+pages}%
  \newunit
  \printfield{pagetotal}%
  \newunit\newblock
  \iftoggle{bbx:isbn}
    {\printfield{isbn}}
    {}%
```

```
  \newunit\newblock
  \usebibmacro{doi+eprint+url}%
  \newunit\newblock
  \usebibmacro{addendum+pubstate}%
  \setunit{\addsemicolon\space}\newblock
  \usebibmacro{related}%
  \newunit\newblock
  \usebibmacro{pageref}%
  \usebibmacro{finentry}}

\DeclareBibliographyDriver{report}{%
  \usebibmacro{bibindex}%
  \usebibmacro{begentry}%
  \usebibmacro{author}%
  \setunit{\labelnamepunct}\newblock
  \usebibmacro{title}%
  \newunit
  \printlist{language}%
  \newunit\newblock
  \usebibmacro{byauthor}%
  \newunit\newblock
  \printfield{type}%
  \setunit*{\addspace}%
  \printfield{number}%
  \newunit\newblock
  \printfield{version}%
  \newunit
  \printfield{note}%
  \newunit\newblock
  \usebibmacro{institution+location+date}%
  \newunit\newblock
  \usebibmacro{chapter+pages}%
  \newunit
  \printfield{pagetotal}%
  \newunit\newblock
  \iftoggle{bbx:isbn}
    {\printfield{isrn}}
    {}%
  \newunit\newblock
  \usebibmacro{doi+eprint+url}%
  \newunit\newblock
  \usebibmacro{addendum+pubstate}%
  \setunit{\addsemicolon\space}\newblock
  \usebibmacro{related}%
  \newunit\newblock
  \usebibmacro{pageref}%
  \usebibmacro{finentry}}

\DeclareBibliographyDriver{thesis}{%
  \usebibmacro{bibindex}%
```

```
  \usebibmacro{begentry}%
  \usebibmacro{author}%
  \setunit{\labelnamepunct}\newblock
  \usebibmacro{title}%
  \newunit
  \printlist{language}%
  \newunit\newblock
  \usebibmacro{byauthor}%
  \newunit\newblock
  \printfield{note}%
  \newunit\newblock
  \printfield{type}%
  \newunit
  \usebibmacro{institution+location+date}%
  \newunit\newblock
  \usebibmacro{chapter+pages}%
  \newunit
  \printfield{pagetotal}%
  \newunit\newblock
  \iftoggle{bbx:isbn}
    {\printfield{isbn}}
    {}%
  \newunit\newblock
  \usebibmacro{doi+eprint+url}%
  \newunit\newblock
  \usebibmacro{addendum+pubstate}%
  \setunit{\addsemicolon\space}\newblock
  \usebibmacro{related}%
  \newunit\newblock
  \usebibmacro{pageref}%
  \usebibmacro{finentry}}

\DeclareBibliographyDriver{unpublished}{%
  \usebibmacro{bibindex}%
  \usebibmacro{begentry}%
  \usebibmacro{author}%
  \setunit{\labelnamepunct}\newblock
  \usebibmacro{title}%
  \newunit
  \printlist{language}%
  \newunit\newblock
  \usebibmacro{byauthor}%
  \newunit\newblock
  \printfield{howpublished}%
  \newunit\newblock
  \printfield{note}%
  \newunit\newblock
  \usebibmacro{location+date}%
  \newunit\newblock
  \iftoggle{bbx:url}
```

```
    {\usebibmacro{url+urldate}}
    {}%
  \newunit\newblock
  \usebibmacro{addendum+pubstate}%
  \setunit{\addsemicolon\space}\newblock
  \usebibmacro{related}%
  \newunit\newblock
  \usebibmacro{pageref}%
  \usebibmacro{finentry}}

\DeclareBibliographyDriver{set}{%
  \protect\PackageWarningNoLine{biblatex-philosophy}{%
  \MessageBreak
  Entry type @set is not supported\MessageBreak
  by the 'biblatex-philosophy' styles.\MessageBreak
  All the @set entries will be ignored}}

\newbibmacro*{xcross:maintitle+booktitle}{%
     \iffieldundef{volume}
       {}%
       {\printfield{volume}%
        \printfield{part}%
        \setunit{\addcolon\space}}%
  \usebibmacro{booktitle}%
  \newunit}

\newbibmacro*{xrefdata}{%
  \usebibmacro{xcross:maintitle+booktitle}%
  \newunit\newblock
  \usebibmacro{byeditor+others}%
  \newunit\newblock
  \printfield{edition}%
  \newunit
%  \iffieldundef{maintitle}
%    {\printfield{volume}%
%     \printfield{part}}
%    {}%
  \newunit
  \printfield{volumes}%
  \newunit\newblock
  \usebibmacro{series+number}%
  \newunit\newblock
  \printfield{note}%
  \newunit\newblock
  \usebibmacro{publisher+location+date}%
  \newunit\newblock
  \usebibmacro{chapter+pages}%
  \newunit\newblock
  \iftoggle{bbx:isbn}
    {\printfield{isbn}}
```

```
    {}%
  \newunit\newblock
  \usebibmacro{doi+eprint+url}%
  \newunit\newblock
  \usebibmacro{addendum+pubstate:article-inbook-incoll}%
  \setunit{\bibpagerefpunct}\newblock
  \usebibmacro{related}%
  \newunit\newblock
  \usebibmacro{pageref}%
  \usebibmacro{finentry}}

\newbibmacro*{crossrefdata}{%
  \iffieldundef{maintitle}
    {\printfield{volume}%
     \printfield{part}}
    {}%
  \newunit\newblock
  \usebibmacro{chapter+pages}%
  \newunit\newblock
  \usebibmacro{addendum+pubstate:article-inbook-incoll}%
  \setunit{\bibpagerefpunct}\newblock
  \usebibmacro{related}%
  \newunit\newblock
  \usebibmacro{pageref}%
  \usebibmacro{finentry}}
```

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

```
%\DeclareFieldFormat[jurisprudence]{title}{#1}
%\DeclareFieldFormat[jurisprudence]{pages}{#1}
%\ExecuteBibliographyOptions[jurisprudence]{skipbib=true}%

\DeclareFieldFormat[jurisdiction]{volume}{\RN{#1}}
\DeclareFieldFormat[jurisdiction]{number}{\bibsstring{number}~{#1}}
\DeclareFieldFormat[jurisdiction]{nameaddon}{%
  \ifinteger{#1}{\bibcpsstring{section}~\RN{#1}}{#1}}
\DeclareFieldFormat[jurisdiction]{pages}{#1}
\DeclareFieldFormat[jurisdiction]{title}{%
 \iffieldequalstr{entrysubtype}{international}{\emph{#1}}{#1}}
```

A new macro to manage authors of `@jurisdiction` entries.

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

Use the default name format: “name surname”

```
\DeclareNameAlias{sortname}{default}%
  \ifboolexpr{
    test \ifuseauthor
    and
    not test {\ifnameundef{author}}
  }
    {%
```

```
    \iffieldequalstr{type}{conclusions}{%
    \printtext{Conclusioni dell'Avv\adddotspace generale}%
    \setunit{\addspace}}{}%
\printnames{author}%
     \iffieldundef{authortype}
       {}
       {\setunit{\addcomma\space}%
\usebibmacro{authorstrg}}}
    {}%
\iffieldequalstr{type}{conclusions}{%
    \setunit{\addspace}%
  \printtext{presentate il}%
    \setunit{\addspace}%
  }{%
    \setunit{\addcomma\space}%
  \iffieldundef{nameaddon}{}{%
\printtext{\printfield{nameaddon}%
\setunit{\addcomma\space}}}%
  }%
        \printeventdate}

\DeclareBibliographyDriver{jurisdiction}{%
  \usebibmacro{bibindex}%
  \usebibmacro{begentry}%
  \usebibmacro{juris:author}%
  \setunit{\labelnamepunct}\newblock
  \usebibmacro{title}%
  \newunit\newblock
  \usebibmacro{series+number}%
  \printlist{language}%
  \newunit\newblock
  \usebibmacro{byauthor}%
  \newunit\newblock
  \usebibmacro{in:}%
  \usebibmacro{maintitle+booktitle}%
  \newunit\newblock
\printtext{%
 \printfield{labelyear}%
 \printfield{extrayear}}
   \usebibmacro{byeditor+others}%
  \newunit\newblock
  \printfield{edition}%
  \newunit
%  \iffieldundef{maintitle}
    {\printfield{volume}%
     \printfield{part}}
    {}%
  \newunit
  \printfield{volumes}%
  \newunit\newblock
```

```
  \printfield{note}%
  \newunit\newblock
  \usebibmacro{publisher+location+date}%
  \newunit\newblock
  \usebibmacro{chapter+pages}%
  \newunit\newblock
  \iftoggle{bbx:isbn}
    {\printfield{isbn}}
    {}%
  \newunit\newblock
  \usebibmacro{doi+eprint+url}%
  \newunit\newblock
  \usebibmacro{addendum+pubstate:article-inbook-incoll}%
  \setunit{\addsemicolon\space}\newblock
  \usebibmacro{related}%
  \newunit\newblock
  \usebibmacro{pageref}%
  \usebibmacro{finentry}}
```

Some biber settings to use specific field aliases:

```
\AtBeginDocument{%
\DeclareSourcemap{
  \maps[datatype=bibtex]{
    \map{
      \pertype{jurisdiction}
     \step[fieldsource=court  , fieldtarget=author]
     \step[fieldsource=section, fieldtarget=nameaddon]
    }
  }
}}
```

14.2 philosophy-classic.bbx

14.2.1 Initial settings

```
\RequireBibliographyStyle{authoryear}
\RequireBibliographyStyle{philosophy-standard}

\newtoggle{bbx:square}

\DeclareBibliographyOption{square}[true]{%
  \settoggle{bbx:square}{#1}}

\ExecuteBibliographyOptions{%
  uniquename  = false,
  pagetracker = true,
  singletitle = false,
  square      = false,
  mergedate   = basic,
  dashed      = true,
```

```
}
```

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:

```
\AtBeginShorthands{%
\togglefalse{bbx:annotation}%
\renewcommand{\labelnamepunct}{\addcomma\space}%
\renewbibmacro*{relateddate}{%
  \setunit*{\addspace}%
  \printdate}
\renewbibmacro*{commarelateddate}{%
  \setunit*{\addcomma\space}%
  \printdate}
```

No date after the author's/editor's name:

```
\renewbibmacro*{date+extrayear}{}%
}

\AtBeginDocument{%
  \iftoggle{bbx:square}
    {\renewcommand{\bibopenparen}{\bibopenbracket}%
    \renewcommand{\bibcloseparen}{\bibclosebracket}}%
    {}
  \setcounter{maxnamesincross}{\value{maxnames}}%
  \setcounter{minnamesincross}{\value{minnames}}%
}
```

14.2.2 New macros

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

```
\renewbibmacro*{relateddate}{}
\renewbibmacro*{commarelateddate}{}
```

Dates

```
  \renewbibmacro*{issue+date}{%
    \ifboolexpr{
      test {\iffieldundef{issue}}
      and
      test {\iffieldundef{month}}
    }
      {}%
      {\ifdefstring{\bbx@volnumformat}{parens}
      {\printtext{%
        \printfield{issue}\setunit*{\addspace}%
        \printdate}}%
      {\printtext[pureparens]{%
        \printfield{issue}\setunit*{\addspace}%
        \printdate}}}%
    \newunit}%
```

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

```
\renewbibmacro*{date+extrayear}{%
      \begingroup%
        \clearfield{month}%
    \iffieldundef{labelyear}
      {\printtext[parens]{\midsentence\bibstring{nodate}}}
      {\printtext[parens]{\printdateextra}}%
       \endgroup}%
```

Authors and editors

```
\renewbibmacro*{author}{%
  \ifboolexpr{
    test \ifuseauthor
    and
    not test {\ifnameundef{author}}
  }%
    {\usebibmacro{bbx:dashcheck}
       {\bibnamedash}
       {\usebibmacro{bbx:savehash}%
        \printnames{author}%
        \iffieldundef{nameaddon}{}%
        {\setunit{\addspace}%
        \printtext[brackets]{\printfield{nameaddon}}}}%
\iffieldundef{authortype}
  {\setunit{\addspace}}
  {\setunit{\addcomma\space}}}%
     \iffieldundef{authortype}
       {}%
       {\usebibmacro{authorstrg}%
\setunit{\addspace}}}%
    {\global\undef\bbx@lasthash
     \usebibmacro{labeltitle}%
     \setunit*{\addspace}}%
  \usebibmacro{date+extrayear}}%

\renewbibmacro*{editor}{%
  \usebibmacro{bbx:editor}{editorstrg}}
\renewbibmacro*{editor+others}{%
  \usebibmacro{bbx:editor}{editor+othersstrg}}
\renewbibmacro*{bbx:editor}[1]{%
  \ifboolexpr{
    test \ifuseeditor
    and
    not test {\ifnameundef{editor}}
  }%
    {\usebibmacro{bbx:dashcheck}
       {\bibnamedash}
       {\printnames{editor}%
\setunit{\addspace}%
```

```
\usebibmacro{bbx:savehash}}%
      \usebibmacro{#1}%
      \clearname{editor}%
      \setunit{\addspace}}%
    {\global\undef\bbx@lasthash
      \usebibmacro{labeltitle}%
      \setunit*{\addspace}}%
  \usebibmacro{date+extrayear}}%
```

14.2.3 Internal commands for crossreferences

```
\DeclareCiteCommand{\bbx@crossref@inbook}
  {}%
  {\usebibmacro{citeindex}%
  \ifuseeditor{%
    \ifthenelse{\value{listtotal}=2}%
      {\printnames[][-\value{maxnamesincross}]{labelname}}%
      {\printnames[][-\value{minnamesincross}]{labelname}}}%
     {\usebibmacro{labeltitle}}%
    \setunit*{\addspace}%
    \usebibmacro{date+extrayear}}%
  {}%
  {}%

\DeclareCiteCommand{\bbx@crossref@incollection}
  {}%
  {\usebibmacro{citeindex}%
  \ifuseeditor{%
    \ifthenelse{\value{listtotal}=2}%
      {\printnames[][-\value{maxnamesincross}]{labelname}}%
      {\printnames[][-\value{minnamesincross}]{labelname}}}%
     {\usebibmacro{labeltitle}}%
    \setunit*{\addspace}%
    \usebibmacro{date+extrayear}}%
  {}%
  {}%
```

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

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

14.3 philosophy-modern.bbx

14.3.1 Initial settings

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

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

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

```
\ExecuteBibliographyOptions{%
  yearleft=false}
```

14.3.2 New lengths

```
\newlength{\yeartitle}
\newlength{\postnamesep}
\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}

\AtBeginBibliography{
\iftoggle{bbx:yearleft}{%
\setlength{\yeartitle}{\fill}}
{}}
```

14.3.3 New commands

```
\newcommand{\postsep}{\par\nobreak\vskip\postnamesep%
  \hskip-\bibhang\ignorespaces}
\renewcommand{\labelnamepunct}{}

\AtBeginShorthands{%
\renewcommand{\postsep}{}%
\renewcommand{\labelnamepunct}{\newunitpunct}}
```

14.3.4 New macros

Dates

```
\renewbibmacro*{date+extrayear}{%
      \begingroup%
        \clearfield{month}%
  \makebox[\bibhang][r]{\printtext{%
    \iffieldundef{labelyear}%
    {\printtext{\midsentence\bibstring{nodate}}}%
    {\printtext{\printdateextra}}%
    \hskip\yeartitle}}%
       \endgroup}%

\renewbibmacro*{labeltitle}{%
  \iffieldundef{label}%
    {\iffieldundef{shorttitle}
    {\printfield{title}\clearfield{title}}%
    {\printfield[title]{shorttitle}}}%
  {\printtext{\printfield{label}}%
\postsep}}
```

Authors and editors

```
\renewbibmacro*{author}{%
  \ifboolexpr{
```

```
    test \ifuseauthor
    and
    not test {\ifnameundef{author}}
  }
    {\usebibmacro{bbx:dashcheck}
       {}%
       {\usebibmacro{bbx:savehash}%
        \printnames{author}%
        \iffieldundef{nameaddon}{}%
        {\setunit{\addspace}%
        \printtext[brackets]{\printfield{nameaddon}}}%
         \iffieldundef{authortype}
         {}%
         {\setunit{\addcomma\space}}%
        \usebibmacro{authorstrg}%
    \postsep}}%
      {\global\undef\bbx@lasthash
      \usebibmacro{labeltitle}%
      \setunit*{\addspace}}%
  \usebibmacro{date+extrayear}}%

\renewbibmacro*{editor}{%
  \usebibmacro{bbx:editor}{editorstrg}}
\renewbibmacro*{editor+others}{%
  \usebibmacro{bbx:editor}{editor+othersstrg}}
\renewbibmacro*{bbx:editor}[1]{%
 \ifboolexpr{
    test \ifuseeditor
    and
    not test {\ifnameundef{editor}}
  }%
    {\usebibmacro{bbx:dashcheck}%
       {}%
       {\printnames{editor}%
     \postsep%ADD
   \usebibmacro{bbx:savehash}}}%
     {\global\undef\bbx@lasthash%
     \usebibmacro{labeltitle}}%
  \usebibmacro{date+extrayear}%
    \iffieldundef{label}%
    {\usebibmacro{#1}%
    \clearname{editor}%
    \printtext{\addcomma\space}}{}}%
```

14.3.5 Internal commands for crossreferences

```
\DeclareCiteCommand{\bbx@crossref@inbook}
  {}%
  {\usebibmacro{citeindex}%
  \ifuseeditor{%
```

```
    \ifthenelse{\value{listtotal}=2}%
      {\printnames[][-\value{maxnamesincross}]{labelname}}%
      {\printnames[][-\value{minnamesincross}]{labelname}}}%
     {\usebibmacro{labeltitle}}%
    \setunit*{\addspace}%
    \usebibmacro{classic:date+extrayear}}%
  {}%
  {}%

\DeclareCiteCommand{\bbx@crossref@incollection}
  {}%
  {\usebibmacro{citeindex}%
  \ifuseeditor{%
    \ifthenelse{\value{listtotal}=2}%
      {\printnames[][-\value{maxnamesincross}]{labelname}}%
      {\printnames[][-\value{minnamesincross}]{labelname}}}%
     {\usebibmacro{labeltitle}}
    \setunit*{\addspace}%
    \usebibmacro{classic:date+extrayear}}%
  {}%
  {}%

\newbibmacro*{classic:date+extrayear}{%
      \begingroup%
        \clearfield{month}%
    \iffieldundef{labelyear}
      {\printtext[parens]{\midsentence\bibstring{nodate}}}%
      {\printtext[parens]{%
 \printfield{labelyear}%
 \printfield{extrayear}}}%
       \endgroup}%
```

14.3.6 The `restoreclassic` option

```
\define@key{blx@bib1}{restoreclassic}[]{}
\define@key{blx@bib2}{restoreclassic}[true]{%
  \ifstrequal{#1}{true}{%
  \setlength{\bibhang}{\parindent}%
  \renewcommand{\labelnamepunct}{\newunitpunct}
\renewbibmacro*{date+extrayear}{%
      \begingroup%
        \clearfield{month}%
    \iffieldundef{labelyear}
      {\printtext[parens]{\midsentence\bibstring{nodate}}}%
      {\printtext[parens]{\printdateextra}}%
       \endgroup}%
\renewbibmacro*{author}{%
  \ifboolexpr{
    test \ifuseauthor
    and
    not test {\ifnameundef{author}}
```

```
  }%
    {\usebibmacro{bbx:dashcheck}
       {\bibnamedash}
       {\usebibmacro{bbx:savehash}%
        \printnames{author}%
        \iffieldundef{nameaddon}{}%
        {\setunit{\addspace}%
        \printtext[brackets]{\printfield{nameaddon}}}%
\iffieldundef{authortype}
  {\setunit{\addspace}}
  {\setunit{\addcomma\space}}}%
     \iffieldundef{authortype}
       {}%
       {\usebibmacro{authorstrg}%
\setunit{\addspace}}}%
    {\global\undef\bbx@lasthash
     \usebibmacro{labeltitle}%
     \setunit*{\addspace}}%
  \usebibmacro{date+extrayear}}%

\renewbibmacro*{editor}{%
  \usebibmacro{bbx:editor}{editorstrg}}
\renewbibmacro*{editor+others}{%
  \usebibmacro{bbx:editor}{editor+othersstrg}}
\renewbibmacro*{bbx:editor}[1]{%
  \ifboolexpr{
    test \ifuseeditor
    and
    not test {\ifnameundef{editor}}
  }%
    {\usebibmacro{bbx:dashcheck}
       {\bibnamedash}
       {\printnames{editor}%
\setunit{\addspace}%
\usebibmacro{bbx:savehash}}%
     \usebibmacro{#1}%
     \clearname{editor}%
     \setunit{\addspace}}%
    {\global\undef\bbx@lasthash
     \usebibmacro{labeltitle}%
     \setunit*{\addspace}}%
  \usebibmacro{date+extrayear}}%

\renewbibmacro*{labeltitle}{%
  \iffieldundef{label}%
    {\iffieldundef{shorttitle}%
       {\printfield{title}%
        \clearfield{title}}%
       {\printfield[title]{shorttitle}}}%
    {\printfield{label}}}%
```

```
}{}}%
```

14.4 philosophy-verbose.bbx

14.4.1 Initial settings

```
\RequireBibliographyStyle{authortitle}
\RequireBibliographyStyle{philosophy-standard}
```

Authors and editors

```
\renewbibmacro*{author}{%
  \ifboolexpr{
    test \ifuseauthor
    and
    not test {\ifnameundef{author}}
  }
    {\usebibmacro{bbx:dashcheck}
       {\bibnamedash}
       {\printnames{author}%
        \iffieldundef{nameaddon}{}%
        {\setunit{\addspace}%
         \printtext[brackets]{\printfield{nameaddon}}}}%
\setunit{\addcomma\space}%
\usebibmacro{bbx:savehash}}%
     \usebibmacro{authorstrg}}
    {\global\undef\bbx@lasthash}}

\renewbibmacro*{editor}{%
  \usebibmacro{bbx:editor}{editorstrg}}
\renewbibmacro*{editor+others}{%
  \usebibmacro{bbx:editor}{editor+othersstrg}}
\renewbibmacro*{bbx:editor}[1]{%
  \ifboolexpr{
    test \ifuseeditor
    and
    not test {\ifnameundef{editor}}
  }
    {\usebibmacro{bbx:dashcheck}
       {\bibnamedash}
       {\printnames{editor}%
\setunit{\addspace}% #MOD#
        \usebibmacro{bbx:savehash}}%
     \usebibmacro{#1}%
     \clearname{editor}}
    {\global\undef\bbx@lasthash}}
```

14.4.2 Internal commands for crossreferences

```
\DeclareCiteCommand{\bbx@crossref@inbook}
  {}%
  {\ifciteseen{\usebibmacro{bybookauthor}%
```

```
  \setunit*{\addcomma\space}\printtext[bibhyperlink]{%
    \printfield[citetitle]{labeltitle}%
      \iftoggle{cbx:commacit}{\setunit{\addcomma\space}}%
   {\setunit{\addspace\midsentence}}%
       \bibstring{cited}}}{\usebibmacro{inbook:full}}}%
  {}%
  {}%

\DeclareCiteCommand{\bbx@crossref@incollection}
  {}%
  {\ifciteseen{\usebibmacro{editor+others}%
  \setunit*{\addcomma\space}\printtext[bibhyperlink]{%
    \printfield[citetitle]{labeltitle}%
       \iftoggle{cbx:commacit}{\setunit{\addcomma\space}}%
    {\setunit{\addspace\midsentence}}%
        \bibstring{cited}}}{\usebibmacro{incollection:full}}}%
  {}%
  {}%
```

14.5 philosophy-classic.cbx

14.5.1 Initial settings

```
\RequireCitationStyle{authoryear-comp}

\newtoggle{cbx:scauthorscite}
\newtoggle{cbx:shorthandintro}
\DeclareBibliographyOption{scauthorscite}[true]{%
  \settoggle{cbx:scauthorscite}{#1}}
\DeclareBibliographyOption{shorthandintro}[true]{%
  \settoggle{cbx:shorthandintro}{#1}}

\ExecuteBibliographyOptions{%
  scauthorscite = false,
  citetracker = true,
  shorthandintro = true
}

\AtEveryCite{%
  \iftoggle{cbx:scauthorscite}%
   {\renewcommand*{\mkbibnamelast}[1]{\textsc{#1}}%
\renewcommand*{\mkbibnamefirst}[1]{\textsc{#1}}%
\renewcommand*{\mkbibnameprefix}[1]{\textsc{#1}}}%
{}}
\DeclareNameFormat{labelname}{%
\bibhyperref{%
  \ifcase\value{uniquename}%
    \usebibmacro{name:last}{#1}{#3}{#5}{#7}%
  \or
    \ifuseprefix
      {\usebibmacro{name:first-last}{#1}{#4}{#5}{#8}}
```

```
      {\usebibmacro{name:first-last}{#1}{#4}{#6}{#8}}%
  \or
    \usebibmacro{name:first-last}{#1}{#3}{#5}{#7}%
  \fi
  \usebibmacro{name:andothers}}}
%%%%

\newcommand{\switchclass}[2]{%
  \iffieldequalstr{entrysubtype}{classical}%
    {\usebibmacro{#1}}%
    {\usebibmacro{#2}}}
```

14.5.2 Author-title macros

The `:AT` are of the `authortitle-comp.cbx` file.

```
\newbibmacro*{cite:init:AT}{%
  \ifnumless{\value{multicitecount}}{2}
    {\global\boolfalse{cbx:parens}%
     \global\undef\cbx@lasthash}
    {\iffieldundef{prenote}
       {}
       {\global\undef\cbx@lasthash}}}

\newbibmacro*{cite:reinit:AT}{%
  \global\undef\cbx@lasthash}

\newbibmacro*{cite:AT}{%
  \iffieldundef{shorthand}
    {\iffieldequals{namehash}{\cbx@lasthash}
       {\setunit{\compcitedelim}}
       {\ifnameundef{labelname}
          {}
          {\printnames{labelname}%
           \setunit{\nametitledelim}}%
        \savefield{namehash}{\cbx@lasthash}}%
     \usebibmacro{cite:title:AT}}
    {\usebibmacro{cite:shorthand}%
     \usebibmacro{cite:reinit:AT}}%
  \setunit{\multicitedelim}}

\newbibmacro*{citetitle:AT}{%
  \iffieldundef{shorthand}
    {\usebibmacro{cite:title:AT}}
    {\usebibmacro{cite:shorthand}}%
  \setunit{\multicitedelim}}

\newbibmacro*{textcite:AT}{%
  \iffieldequals{namehash}{\cbx@lasthash}
    {\setunit{\compcitedelim}}
    {\ifnameundef{labelname}
```

```
      {}
      {\printnames{labelname}%
       \setunit{%
  \global\booltrue{cbx:parens}%
  \addspace\bibopenparen}}%
    \savefield{namehash}{\cbx@lasthash}}%
  \ifnumequal{\value{citecount}}{1}
    {\usebibmacro{prenote}}
    {}%
  \iffieldundef{shorthand}
    {\usebibmacro{cite:title:AT}}%
    {\iftoggle{cbx:shorthandintro}{%
      \ifciteseen{%
       \usebibmacro{cite:shorthand}}%
       {\usebibmacro{shorthandintro}}}%
     {\usebibmacro{cite:shorthand}}}%
  \setunit{%
    \ifbool{cbx:parens}
      {\bibcloseparen\global\boolfalse{cbx:parens}}
      {}%
    \multicitedelim}}

\newbibmacro*{cite:title:AT}{%
  \printtext[bibhyperref]{\printfield[citetitle]{labeltitle}}}

\newbibmacro*{textcite:postnote:AT}{%
  \ifnameundef{labelname}
    {\setunit{%
       \global\booltrue{cbx:parens}%
       \addspace\bibopenparen}}
    {\setunit{\postnotedelim}}%
  \printfield{postnote}%
  \ifthenelse{\value{multicitecount}=\value{multicitetotal}}
    {\setunit{}%
     \printtext{%
       \ifbool{cbx:parens}
{\bibcloseparen\global\boolfalse{cbx:parens}}
{}}}
    {\setunit{%
       \ifbool{cbx:parens}
{\bibcloseparen\global\boolfalse{cbx:parens}}
{}%
       \multicitedelim}}}
```

14.5.3 Author-year macros

```
\newbibmacro*{cite:init:AY}{%
  \ifnumless{\value{multicitecount}}{2}
    {\global\boolfalse{cbx:parens}%
     \global\undef\cbx@lasthash
```

```
     \global\undef\cbx@lastyear}
    {\iffieldundef{prenote}
       {}
       {\global\undef\cbx@lasthash
\global\undef\cbx@lastyear}}}

\newbibmacro*{cite:reinit:AY}{%
  \global\undef\cbx@lasthash
  \global\undef\cbx@lastyear}

\newbibmacro*{cite:AY}{%
  \iffieldundef{shorthand}%
    {\usebibmacro{cite:noshorthand}}%
    {\iftoggle{cbx:shorthandintro}%
    {%
    \ifciteseen{\usebibmacro{cite:shorthand}}%
     {\usebibmacro{cite:noshorthand}%
     \usebibmacro{shorthandintro}}%
     }%
     {\usebibmacro{cite:shorthand}}%
     \usebibmacro{cite:reinit:AY}}%
  \setunit{\multicitedelim}}

\newbibmacro*{textcite:AY}{%
  \iffieldequals{namehash}{\cbx@lasthash}%
    {\iffieldundef{shorthand}%noshorthand
       {\ifthenelse{\iffieldequals{labelyear}{\cbx@lastyear}\AND
                    \(\value{multicitecount}=0\OR\iffieldundef{postnote}\)}%
          {\setunit{\addcomma}%
           \usebibmacro{cite:extrayear}}%
          {\setunit{\compcitedelim}%
           \usebibmacro{cite:labelyear+extrayear}%
           \savefield{labelyear}{\cbx@lastyear}}}%
       {\setunit{\compcitedelim}%shorthand
       \iftoggle{cbx:shorthandintro}%
        {\ifciteseen
        {\usebibmacro{cite:shorthand}}%
        {\ifthenelse{\iffieldequals{labelyear}{\cbx@lastyear}\AND
                    \(\value{multicitecount}=0\OR\iffieldundef{postnote}\)}%
          {\setunit{\addcomma}%
           \usebibmacro{cite:extrayear}}%
          {\setunit{\compcitedelim}%
           \usebibmacro{cite:labelyear+extrayear}%
           \savefield{labelyear}{\cbx@lastyear}}%
           \usebibmacro{shorthandintro}}}%
           {\usebibmacro{cite:shorthand}}%
        \global\undef\cbx@lastyear}}%
    {\ifnameundef{labelname}%
       {\iffieldundef{shorthand}%shorthand
          {\usebibmacro{cite:label}%
```

```
  \setunit{%
    \global\booltrue{cbx:parens}%
    \addspace\bibopenparen}%
  \ifnumequal{\value{citecount}}{1}%
    {\usebibmacro{prenote}}%
    {\usebibmacro{cite:shorthand}}%
  \usebibmacro{cite:labelyear+extrayear}}%
         {\iftoggle{cbx:shorthandintro}%
         {\ifciteseen%shorthand
         {\usebibmacro{cite:shorthand}}%
         {\usebibmacro{cite:label}%
  \setunit{%
    \global\booltrue{cbx:parens}%
    \addspace\bibopenparen}%
  \ifnumequal{\value{citecount}}{1}%
    {\usebibmacro{prenote}}%
    {\usebibmacro{cite:shorthand}}%
  \usebibmacro{cite:labelyear+extrayear}%
  \usebibmacro{shorthandintro}}}}%
  {\usebibmacro{cite:shorthand}}}%
      {\printnames{labelname}%
\setunit{%
  \global\booltrue{cbx:parens}%
  \addspace\bibopenparen}%
\ifnumequal{\value{citecount}}{1}%
  {\usebibmacro{prenote}}%
  {}%
       \iffieldundef{shorthand}%noshorthand
         {\iffieldundef{labelyear}%
            {\usebibmacro{cite:label}}%
            {\usebibmacro{cite:labelyear+extrayear}}%
          \savefield{labelyear}{\cbx@lastyear}}%
         {\iftoggle{cbx:shorthandintro}%
         {\ifciteseen%
                   {\usebibmacro{cite:shorthand}}%
                   {\iffieldundef{labelyear}%
            {\usebibmacro{cite:label}}%
            {\usebibmacro{cite:labelyear+extrayear}}%
           \savefield{labelyear}{\cbx@lastyear}%
           \usebibmacro{shorthandintro}}%
           \global\undef\cbx@lastyear}%
           {\usebibmacro{cite:shorthand}}}%
       \savefield{namehash}{\cbx@lasthash}}}%
  \setunit{%
    \ifbool{cbx:parens}%
      {\bibcloseparen\global\boolfalse{cbx:parens}}%
      {}%
    \multicitedelim}}%

\newbibmacro*{textcite:postnote:AY}{%
```

```
  \usebibmacro{postnote}%
  \ifthenelse{\value{multicitecount}=\value{multicitetotal}}
    {\setunit{}%
     \printtext{%
       \ifbool{cbx:parens}
{\bibcloseparen\global\boolfalse{cbx:parens}}
{}}}
    {\setunit{%
       \ifbool{cbx:parens}
{\bibcloseparen\global\boolfalse{cbx:parens}}
{}%
       \multicitedelim}}}
```

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

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

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

```
\renewbibmacro*{cite:init}{%
  \switchclass{cite:init:AT}{cite:init:AY}}
\renewbibmacro*{cite:reinit}{%
  \switchclass{cite:reinit:AT}{cite:reinit:AY}}
\renewbibmacro*{cite}{%
  \switchclass{cite:AT}{cite:AY}}
\renewbibmacro*{textcite}{%
  \switchclass{textcite:AT}{textcite:AY}}
\renewbibmacro*{textcite:postnote}{%
  \switchclass{textcite:postnote:AT}{textcite:postnote:AY}}

\newbibmacro*{cite:noshorthand}{%
\ifthenelse{\ifnameundef{labelname}\OR\iffieldundef{labelyear}}%
       {\usebibmacro{cite:label}%
\setunit{\addspace}%

\usebibmacro{cite:labelyear+extrayear}%
        \usebibmacro{cite:reinit}}%
       {\iffieldequals{namehash}{\cbx@lasthash}%
          {\ifthenelse{\iffieldequals{labelyear}{\cbx@lastyear}\AND
                       \(\value{multicitecount}=0\OR\iffieldundef{postnote}\)}%
             {\setunit{\addcomma}%
              \usebibmacro{cite:extrayear}}%
             {\setunit{\compcitedelim}%
              \usebibmacro{cite:labelyear+extrayear}%
              \savefield{labelyear}{\cbx@lastyear}}}%
          {\printnames{labelname}%
      \setunit{\nameyeardelim}%
           \usebibmacro{cite:labelyear+extrayear}%
           \savefield{namehash}{\cbx@lasthash}%
           \savefield{labelyear}{\cbx@lastyear}}}}
```

14.5.4 Citation commands

```
\DeclareCiteCommand*{\cite}
  {\usebibmacro{cite:init}%
   \usebibmacro{prenote}}
  {\usebibmacro{citeindex}%
   \switchclass{citetitle:AT}{citeyear}}%
  {}
  {\usebibmacro{postnote}}

\DeclareCiteCommand*{\parencite}[\mkbibparens]
  {\usebibmacro{cite:init}%
   \usebibmacro{prenote}}
  {\usebibmacro{citeindex}%
   \switchclass{citetitle:AT}{citeyear}}
  {}
  {\usebibmacro{postnote}}

\DeclareCiteCommand{\citetitle}
  {\boolfalse{citetracker}%
   \boolfalse{pagetracker}%
   \usebibmacro{prenote}}
  {\indexfield{indextitle}%
    \printtext[bibhyperref]{\printfield[citetitle]{labeltitle}}}
  {\multicitedelim}
  {\usebibmacro{postnote}}

\DeclareCiteCommand*{\citetitle}
  {\boolfalse{citetracker}%
   \boolfalse{pagetracker}%
   \usebibmacro{prenote}}
  {\indexfield{indextitle}%
    \printtext[bibhyperref]{\printfield[citetitle]{title}}}
  {\multicitedelim}
  {\usebibmacro{postnote}}

\DeclareCiteCommand{\citeyear}
  {\boolfalse{citetracker}%
   \boolfalse{pagetracker}%
   \usebibmacro{prenote}}
  {\printtext[bibhyperref]{\printfield{year}}}
  {\multicitedelim}
  {\usebibmacro{postnote}}

\DeclareCiteCommand{\footcitet}[\mkbibfootnote]
  {\usebibmacro{cite:init}}
  {\usebibmacro{citeindex}%
   \usebibmacro{textcite}}
  {}%
  {\usebibmacro{textcite:postnote}}
```

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

```
\DeclareCiteCommand{\sdcite}
  {\boolfalse{citetracker}%
   \boolfalse{pagetracker}%
   \usebibmacro{prenote}}
  {\indexnames{labelname}%
   \printtext[bibhyperref]{\printnames{labelname}}%
   \setunit{\addcomma\space}%
   \indexfield{indextitle}%
   \printtext[bibhyperref]{\printfield[citetitle]{labeltitle}}}
  {\multicitedelim}
  {\usebibmacro{postnote}}
```

14.6 philosophy-modern.cbx

The `modern` style uses the `classic` citation scheme:

```
\RequireCitationStyle{philosophy-classic}
```

14.7 philosophy-verbose.cbx

14.7.1 Initial settings

```
\RequireCitationStyle{verbose-trad2}

\newtoggle{cbx:scauthorscite}
\newtoggle{cbx:latinemph}
\newtoggle{cbx:commacit}

\DeclareBibliographyOption{scauthorscite}[true]{%
  \settoggle{cbx:scauthorscite}{#1}}
\DeclareBibliographyOption{latinemph}[true]{%
  \settoggle{cbx:latinemph}{#1}}
\DeclareBibliographyOption{commacit}[true]{%
  \settoggle{cbx:commacit}{#1}}

\ExecuteBibliographyOptions{%
idemtracker=false,
loccittracker=strict,
scauthorscite=false,
latinemph=false,
commacit=false}

\AtEveryCite{%
```

The `annotation` field is omitted in every citations:

```
\togglefalse{bbx:annotation}%
```

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

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

Name formats

```
\iftoggle{cbx:scauthorscite}{%
```

```
\DeclareNameFormat{labelname}{%
\ifcase\value{uniquename}%
  \usebibmacro{name:last}{\textsc{#1}}{\textsc{#3}}{\textsc{#5}}{\textsc{#7}}%
\or
  \ifuseprefix
    {\usebibmacro{name:first-last}{\textsc{#1}}{\textsc{#4}}{\textsc{#5}}{\textsc{#8}}}%
    {\usebibmacro{name:first-last}{\textsc{#1}}{\textsc{#4}}{\textsc{#6}}{\textsc{#8}}}%
\or
    \usebibmacro{name:first-last}{\textsc{#1}}{\textsc{#3}}{\textsc{#5}}{\textsc{#7}}%
\fi
\usebibmacro{name:andothers}}}{}}

\DeclareNameFormat{scdefault}{%
\iffirstinits
  {\usebibmacro{name:first-last}{\textsc{#1}}{\textsc{#4}}{\textsc{#5}}{\textsc{#7}}}
  {\ifblank{#3}%
    {\usebibmacro{name:first-last}{\textsc{#1}}{#3}{#5}{\textsc{#7}}}%
    {\usebibmacro{name:first-last}{\textsc{#1}}{\textsc{#3}}{\textsc{#5}}{\textsc{#7}}}}%
\usebibmacro{name:andothers}}
```

14.7.2 New macros

```
\newbibmacro*{cite:opcit}{%
  \printtext[bibhyperlink]{\bibstring[\mkibid]{opcit}}}

\newbibmacro*{cite:loccit}{%
  \printtext{%
    \bibhyperlink{cite\csuse{cbx@lastcite@\thefield{entrykey}}}{%
      \bibstring[\mkibid]{loccit}}}%
  \global\toggletrue{cbx:loccit}}

\renewbibmacro*{cite:ibid}{%
 \ifloccit
   {\usebibmacro{cite:loccit}}{%
  \printtext{%
    \bibhyperlink{cite\csuse{cbx@lastcite@\thefield{entrykey}}}{%
      \bibstring[\mkibid]{ibidem}}}}}%

\renewbibmacro*{cite:title}{%OK
 \ifsingletitle{\usebibmacro{cite:opcit}}{%
  \printtext[bibhyperlink]{%
    \printfield[citetitle]{labeltitle}%
    \iftoggle{cbx:commacit}{\setunit{\addcomma\space}}%
    {\setunit{\addspace\midsentence}}}%
      \bibstring{cited}\midsentence}}

 \renewbibmacro*{cite:full}{%OK
  \usebibmacro{cite:full:citepages}%
  \global\toggletrue{cbx:fullcite}%
  \printtext[bibhypertarget]{%
```

```
    \usedriver
      {\iftoggle{cbx:scauthorscite}{%
      \DeclareNameAlias{sortname}{scdefault}}%
      {\DeclareNameAlias{sortname}{default}}}%
      {\thefield{entrytype}}}%
  \usebibmacro{shorthandintro}}
```

14.7.3 Citation commands

```
\DeclareNameFormat{noname}{}
\DeclareCiteCommand{\ccite}
{\usebibmacro{prenote}\unspace\addspace}%
{\global\togglefalse{cbx:loccit}%
\usedriver{\DeclareNameAlias{sortname}{noname}}
{\thefield{entrytype}}}
{\multicitedelim}
{\usebibmacro{cite:postnote}}
```

14.8 italian-philosophy.lbx

```
\InheritBibliographyExtras{italian}
\DeclareBibliographyExtras{%
\protected\def\bibrangedash{%
    -\penalty\hyphenpenalty}% breakable dash
  \protected\def\bibdatedash{\textendash}}%

\NewBibliographyString{transtolang,origed,cited,reviewof,nodate,section}

\DeclareBibliographyStrings{%
  inherit            =  {italian},
  nodate             =  {{senza data}{s\adddotspace d\adddot}},
  cited              =  {{cit\adddot}{cit\adddot}},
  opcit              =  {{op\adddotspace cit\adddot}{op\adddotspace cit\adddot}},
  ibidem             =  {{ivi}{ivi}},
  loccit             =  {{ibidem}{ibidem}},
  origed             =  {{ed\adddotspace orig\adddot}{ed\adddotspace orig\adddot}},
  langitalian        =  {{italiano}{it\adddot}},
  transtolang        =  {{traduzione\addspace italiana}
                         {\bibsstring{translator}\adddotspace \bibsstring{langitalian}}},
  editor             =  {{\mkpureparens{a cura di}}{\mkpureparens{a cura di}}},
  editors            =  {{\mkpureparens{a cura di}}{\mkpureparens{a cura di}}},
  andothers          =  {{\mkbibemph{et\addabbrvspace al\adddot}}
                         {\mkbibemph{et\addabbrvspace al\adddot}}},
  reviewof           =  {{Recensione di}{Recensione di}},
  backrefpage        =  {{Citato a pagina}{Citato a \bibstring{page}\adddot}},
  backrefpages       =  {{Citato alle pagine}{Citato alle \bibstring{pages}\adddot}},
  pages              =  {{pagine}{\iftoggle{bbx:classical}{pp\adddot}{p\adddot}}},
  columns            =  {{colonne}{\iftoggle{bbx:classical}{coll\adddot}{col\adddot}}},
  lines              =  {{righe}{\iftoggle{bbx:classical}{rr\adddot}{r\adddot}}},
  verses             =  {{versi}{\iftoggle{bbx:classical}{vv\adddot}{v\adddot}}},
  volumes            =  {{volumi}{\iftoggle{bbx:classical}{voll\adddot}{vol\adddot}}},
```

```
  withcommentator    =  {{con commenti di}{con comm\adddot\addabbrvspace di}},
  withannotator      =  {{annotazioni di}{annotazioni di}},
  withintroduction   =  {{introduzione di}{introduzione di}},
  withforeword       =  {{prefazione di}{prefazione di}},
  withafterword      =  {{postfazione di}{postfazione di}},
  reprintas          =  {{ristampato}{rist\adddot}},
% reprintfrom        =  {{}{}}, % FIXME: missing
  translationof       =  {{traduzione di}{trad\adddotspace di}},
  translationas       =  {{traduzione italiana}{trad\adddotspace it\adddot}},
% translationfrom    =  {{}{}}, % FIXME: missing
% reviewof           =  {{}{}}, % FIXME: missing
% origpubas          =  {{}{}}, % FIXME: missing
% origpubin          =  {{}{}}, % FIXME: missing
% astitle            =  {{}{}}, % FIXME: missing
% bypublisher        =  {{}{}}, % FIXME: missing
section              =  {{sezione}{sez\adddot}}}
```

14.9 english-philosophy.lbx

```
\InheritBibliographyExtras{english}

\DeclareBibliographyExtras{%
\protected\def\bibrangedash{%
    -\penalty\hyphenpenalty}% breakable dash
  \protected\def\bibdatedash{\textendash}}%

\NewBibliographyString{transtolang,cited,reviewof,origed,nodate}

\DeclareBibliographyStrings{%
  inherit            =  {english},
  nodate             =  {{no date}{n\adddot d\adddot}},
  cited              =  {{cit\adddot}{cit\adddot}},
  ibidem             =  {{ivi}{ivi}},
  loccit             =  {{ibidem}{ibidem}},
  origed             =  {{orig\adddotspace ed\adddot}{orig\adddotspace ed\adddot}},
  transtolang        =  {{trans\adddot}{trans\adddot}},
  editor             =  {{\mkpureparens{ed\adddot}}{\mkpureparens{ed\adddot}}},
  editors            =  {{\mkpureparens{eds\adddot}}{\mkpureparens{eds\adddot}}},
  andothers          =  {{\mkbibemph{et\addabbrvspace al\adddot}}
                         {\mkbibemph{et\addabbrvspace al\adddot}}},
  reviewof           =  {{Review of}{Review of}},
  backrefpage        =  {{cited on  page}{cited on  p\adddot}},
  backrefpages       =  {{cited on  pages}{cited on  pp\adddot}}}
```

Change History

v0.8c

General: New `entrysubtype` field for citing classical texts. New `related` field mechanism. New `relatedformat` option. Fixed some bugs 1

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