

# biblatex-publist

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## Abstract

The biblatex-publist package provides a *biblatex bibliography style file* (\*.bbx) for publication lists, i. e. a bibliography containing one's own publications. The style file draws on biblatex's *authoryear* style per default (which can be changed), but provides some extra features needed for publication lists, such as the omission or highlighting of the own name from/in author or editor data. The package requires at least version 3.4 of the biblatex package<sup>1</sup> and biber (the respective version as required by biblatex).

## 1 Aim of the package

The biblatex-publist package ships a *biblatex bibliography style file* (\*.bbx) for a specific task: academic publication lists. Such lists, which are a central part of the academic CV, contain all or selected publications of a specific author, usually sorted by genre and year. Even though publication lists are actually nothing else than (specific) bibliographies, they diverge from those in some respects. Most notably, it is widespread practice to omit your own name in your publication list and only list your co-authors, if there are any, or to highlight your own name (e. g., with bold face letters). If you want to follow this practice, a normal bibliography style does not produce the desired result.

Given the fact that maintaining a publication list is a routine task in an academian's life, it is surprising how few specified solutions exist to generate such lists (particularly from BibTeX data). For traditional BibTeX, Nicolas Markey provided a specific BibTeX style file, *publist.bst*<sup>2</sup>, which helps a lot if you want to produce a publication list with BibTeX. The biblatex-publist package is the result of the aim of emulating the features of *publist.bst* with biblatex's means. It partly draws on Markey's conceptual ideas. Bug reports, comments and ideas are welcome.

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\*Please report issues via <https://github.com/jspitz/biblatex-publist>.

<sup>1</sup>For biblatex, see <http://www.ctan.org/pkg/biblatex>.

<sup>2</sup><http://www.lsv.ens-cachan.fr/~markey/BibTeX/publist/?lang=en>; see also [2].

## 2 Loading the package

### 2.1 Standard usage

The standard way of using the package is to load the style file via

```
\usepackage[bibstyle=publist]{biblatex}  
\plauthorname[first name][von-part]{surname}
```

\plauthorname

The `\plauthorname` macro<sup>3</sup> (at least with the mandatory *surname* argument) needs to be given once. It informs the style file which name it should suppress or embolden in the author/editor list (usually yours).

With the default settings, the author/editor name will be omitted completely for all of your publications where you are the sole author or editor, as in:

**2012.** Some recent trends in gardening. In: *Gardening Practice* 56, pp. 34–86.

If there are co-authors/co-editors, your name will be filtered out and the collaborators added in parentheses, as in:

**1987** (with John Doe and Mary Hall). Are there new trends in gardening?  
In: *Gardening Practice* 24, pp. 10–15.

If `plauthorhandling=highlight` is used (see next section), the plauthor will be printed in bold face instead, as in:

John Doe, **Me Myself** and Mary Hall **1987**. Are there new trends in gardening? In: *Gardening Practice* 24, pp. 10–15.

### 2.2 Additional options

Currently, the following additional options are provided (next to the options provided by the `biblatex` package itself<sup>4</sup>):

`plauthorname=<surname>`

`plauthorfirstname=<first name>`

`plauthornameprefix=<von-part>`

This is an alternative to the `\plauthorname` macro described in sec. 2.1.<sup>5</sup> However, due to the way bibliography options are implemented in `biblatex`, this only works if your name does not consist of non-ASCII characters. Hence, the `\plauthorname` macro is the recommended way.

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<sup>3</sup>The macro was named `\omitname` until v. 1.4 of the `biblatex-publist` package. The old macro still works, but is marked as deprecated.

<sup>4</sup>Please refer to the `biblatex` manual [1] for those.

<sup>5</sup>The options were called `omitname`, `omitfirstname` and `omitnameprefix` until v. 1.4 of `biblatex-publist`. The old options still work, but are marked as deprecated.

**plauthorhandling**[=*omit*|*highlight*] default: *omit*.

By default, the publist author (as defined with **plauthor**) is omitted from the author or editor list. If you use the option **plauthorhandling=highlight**, it is highlighted instead (i. e., set in bold face by default; see sec. 2.3 how to change that).

**boldyear**[=*true*|*false*] default: *true*.

By default, the year (or pubstate, if no year is given) is printed in bold face. To prevent this, pass the option **boldyear=false** to biblatex.

**marginyear**[=*true*|*false*] default: *false*.

With this option set to **true**, the publication year (or pubstate) will be printed in the margin once a new year starts. The option also has the effect that all marginpars are printed “reversed”, i. e. on the left side in one-sided documents (via `\reversemarginpar`).

## 2.3 Auxiliary macros and lengths

`\plmarginyear`

The appearance of the *marginyear* is controlled by the `\plmarginyear` macro, which has the following default definition:

```
\providecommand*\plmarginyear[1]{%
  \raggedleft\small\textbf{#1}%
}
```

If you want to change the appearance, just redefine this macro via `\renewcommand*`.

`\plauthorhl`

The highlighting of the publication list author, if **plauthorhandling=highlight** has been set, is controlled by the `\plauthorhl` macro, which has the following default definition:

```
\providecommand*\plauthorhl[1]{%
  \mkbibbold{#1}%
}
```

If you need another form of highlighting, redefine this macro via `\renewcommand*`.

`extralabel-  
numberwidth`

The indentation of the bibliographic entries (lines > 1) can be adjusted by setting the length **extralabelnumberwidth** via `\setlength` (default is 0pt). This might be needed for long bibliographies (> 99 entries) in order to adjust to the extra space the item number needs.

## 2.4 Using a different base style

By default, biblatex-publist loads biblatex’s *authoryear* style, and it has been written to work with that style. However, it is possible to try a different base style, if *authoryear* does not fit your needs.

In order to do so, enter the following *before* loading biblatex:

```
\newcommand*\publistbasestyle{<stylename>}
```

where <stylename> is the name of the biblatex bibliography style (*bbx*) you want to use, without the *bbx* extension (e. g., `\newcommand*\publistbasestyle{mla}`).

Note, though, that there is (and can be) no guarantee that biblatex-publist will work with all styles, although it has been successfully tested with several. Be prepared to bump into  $\LaTeX$  errors and carefully check the output for correctness if you try a different base style.

### 3 Localization

Since the package draws on biblatex, it supports localization. The following additional localization keys (`\bibstrings`) are added by the package:

- *with*: the preposition “with” that precedes the list of co-authors.
- *parttranslationof*: the expression “partial translation of” for entries referring to partially translated work via biblatex’s “related entries” feature (see sec. 4.2).

Currently, these additional localization keys are available in the following languages: English, French and German.<sup>6</sup>

### 4 Further Extensions

The following extensions of standard biblatex features are provided.

#### 4.1 Review bibliography type

Although a *review* entry type is provided by biblatex, this type is treated as an alias for *article*. The biblatex-publist package uses this entry type for a specific purpose: Foreign reviews of your own work. It therefore defines a new bibliography environment *reviews* with a specific look (particularly as far as the author names are concerned) and its own numbering; furthermore, it redefines the *review* bibliography driver. The purpose of this is that you can add other people’s reviews of your work to your publication list, while these titles are clearly marked and do not interfere with the overall numbering (see sec. 5 for an example).

#### 4.2 Partial translations

A new “related entry” type *parttranslationof* is provided. This is an addition to the *translationof* related entry type biblatex itself provides. Please refer to the biblatex manual [1] on what “related entries” are and how to use them.

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<sup>6</sup>Please send suggestions for other languages to the package author.

## 5 An example

Publication lists are usually categorized by genre (monographs, articles, book chapters, etc.). For this task, the use of refsections is suggested. Other possibilities were not tested extensively and might fail.

The suggested procedure is to maintain separate bib files for each category, say *mymonographs.bib*, *myarticles.bib*, *myproceedings.bib*.<sup>7</sup> Then a typical file would look like example 1 (p. 6).

If you want to add other people's reviews of your work, add a section such as the following:

Example 2: Adding foreign reviews

```
\subsubsection*{Reviews of my thesis}
\begin{refsection}[mythesis-reviews]
\renewcommand\bibfont{\small}
\nocite{*}
\printbibliography[heading=none,env=reviews]
\end{refsection}
```

Note that the `\printbibliography` option **env=reviews** is crucial if you want to use the specifics biblatex-publist defines for reviews (see sec. 4.1).

## 6 Filtering

If you have a bibliographic database consisting not only of your own publications, you can extract yours with the bibliography filter **mine**, which has to be passed to `\printbibliography`, as in:

Example 3: Using a bibliography filter

```
\begin{refsection}[mybibliography]
\nocite{*}
\printbibliography[heading=none,filter=mine]
\end{refsection}
```

Of course, you can also use other filter possibilities provided by biblatex, such as filtering by type or by keyword. So if you want to extract all of your articles from a larger database with entries of diverse type and authors, specify:

```
\printbibliography[heading=none,filter=mine,type=article]
```

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<sup>7</sup>But see sec. 6 for an alternative.

### Example 1: Typical document

```
\documentclass{article}
\usepackage[T1]{fontenc}
\usepackage[latin9]{inputenc}

\usepackage{csquotes}% not required, but recommended
\usepackage[bibstyle=publist]{biblatex}
\plauthorname[John]{Doe}

\addbibresource{%
    mymonographs.bib,
    myarticles.bib,
    myproceedings.bib
}

\begin{document}

\title{John Doe's publications}
\date{\today}
\maketitle

\section{Monographs}
\begin{refsection}[mymonographs]
\nocite{*}
\printbibliography[heading=none]
\end{refsection}

\section{Proceedings}
\begin{refsection}[myproceedings]
\nocite{*}
\printbibliography[heading=none]
\end{refsection}

\section{Articles}
\begin{refsection}[myarticles]
\nocite{*}
\printbibliography[heading=none]
\end{refsection}

\end{document}
```

## 7 Sorting

The sorting of the items is done via biblatex's sorting mechanism (please refer to the biblatex manual for details). By default, biblatex-publist uses the ydnt scheme, which sorts hierarchically by year (descending), name and title (both ascending). You can switch to another scheme via biblatex's `sorting` option either globally (if you pass `sorting=<scheme>` to the biblatex options) or locally (if you pass `sorting=<scheme>` to the `\printbibliography` options).

For convenience, biblatex-publist provides 3 additional sorting schemes, which might be particularly useful for sorting talks:

- **ddnt**: Sort by full **d**ate (**d**escending), **n**ame and **t**itle (both ascending).
- **ydmdnt**: Sort by **y**ear (**d**escending), **m**onth, **d**ay, **n**ame and **t**itle (all ascending).
- **dnt**: Sort by full **d**ate, **n**ame and **t**itle (all ascending).

That is, to sort your talks in descending order by full date in your CV, use:

```
\printbibliography[heading=none,sorting=ddnt]
```

## 8 Revision Log

### V. 1.4 (forthcoming):

- New option **plauthorhandling** that defines how the publist author is handled in the publication list (possible values: **omit** [= default], **highlight**).
- New command `\plauthorhl` that determines the aforementioned highlighting.
- Rename `\omitname` to `\plauthorname` (the old macro is still functional, but marked as deprecated).
- Rename **omit\*** options to **plauthor\*** (the old options are still functional, but marked as deprecated).
- Assure the margin text always starts uppercased (relevant for pubstates).
- Minor corrections to the manual.

### V. 1.3 (2016-08-06):

- It is now possible to change the base style that is used by biblatex-publist. See sec. 2.4.
- Proper sorting of pubstates.
- Add possibility to increase the indentation of items (by means of the length **extralabelnumberwidth**). See sec. 2.3.
- Use `pagetracker=true` instead of `pagetracker=spread` by default (avoids warning, no change in functionality).

**V. 1.2 (2016-05-12):**

- Accomodate to the backwards-incompatible changes of biblatex 3.4 (`prefixnumber`  $\Rightarrow$  `labelprefix`, `\ifempty`  $\Rightarrow$  `\ifdefvoid`). This version of biblatex is now required.

**V. 1.1 (2016-03-09):**

- Adapt to the `\Declare*Name` changes of biblatex 3.3. Since biblatex 3.3 introduced backwards-incompatible changes that affect biblatex-publist, this version of biblatex is now required.

**V. 1.0 (2015-01-04):**

- Add portmanteau `*.cbx` file to allow loading biblatex-publist also via the style option (next to `bibstyle`).

**V. 0.9 (2014-03-13):**

- Fix problem with multi-token names.
- Support name prefix in `\omitname`.
- Support `pubstate`.

**V. 0.8 (2013-08-16):**

- Add custom sorting schemes `ddnt`, `ydmndnt` and `dnt` (see sec. 7).
- Revise the documentation.

**V. 0.7 (2013-07-25):**

- Support full dates.

**V. 0.6 (2013-07-21):**

- Fix numbering with recent biblatex versions.

**V. 0.5 (2013-05-03):**

- Fix numbering if `\printbibliography` is used multiple times within the same or without any refsection.

**V. 0.4 (2012-10-30):**

- More robust name parsing (especially for names with non-ASCII characters encoded with  $\LaTeX$  macros). The code was kindly suggested by Enrico Gregorio.<sup>8</sup>
- Add `\omitname` command (see sec. 2.1).
- Support `firstinits` option.

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<sup>8</sup>Cf. <http://tex.stackexchange.com/questions/79555/biblatex-bibliographyoption-with-braces>.



**V. 0.3 (2012-10-23):**

- Bug fix: Add missing “and” if omitted name was last minus one.
- Bug fix: Fix output with “et al.” if omitted name is first and *liststop* is 1.
- Set **maxnames** default to 4.
- Add filter possibility (see sec. 6).
- Add French localization.
- Some corrections to the manual.

**V. 0.2 (2012-10-21):** Initial release to CTAN.

## 9 Credits

Thanks go to Enrico Gregorio (egreg on *tex.stackexchange.com*) for helping me with correct name parsing (actually, the code the package uses is completely his), Marko Budišić, Clea F. Rees and Yannick Kalff for testing and bug reports, Nicolas Markey for *publist.bst* and of course Philipp Lehman (not only) for biblatex.

## References

- [1] Lehman, Philipp (with Audrey Boruvka, Philip Kime and Joseph Wright): *The biblatex Package. Programmable Bibliographies and Citations*. March 3, 2016. <http://www.ctan.org/pkg/biblatex>.
- [2] Markey, Nicolas: *Tame the BeaST. The B to X of BibTEX*. October 11, 2009. <http://www.ctan.org/pkg/tamethebeast>.