The *ieee* bibliography style for *biblatex*

Joseph Wright†

Released 2019/06/19

This package provides a style for *biblatex* which follows the guidelines of the *ieee*. The citation style is numeric and unsorted. The bibliography style follows the pattern of the official IEEEtran package ([http://www.ieee.org/documents/style_manual.pdf](http://www.ieee.org/documents/style_manual.pdf)). The style should be loaded in the usual way

\usepackage[style=ieee]{biblatex}

The References section of this document demonstrates the format generated by the package using the *biblatex-ieee.bib* database of example citations.

The style introduces new bibliography strings:

- **patentjp** the text “Japanese Patent”;
- **presentedat** the text “presented at the” when printing conference papers using the name of the conference rather than a reference to a book of abstracts.

These may be localized in the usual way.

The style adds the **dashed** option to those recognised: as-standard, this is activated. The option works in the same way as that from the core *biblatex* style **author-year**.

The appearance of URLs in the bibliography is set by the mechanism of the *url* package. Thus to print URLs in the current roman font, place the instruction

\renewcommand*{\UrlFont}{\rmfamily}

immediately before

\printbibliography

Also include in the bundle is a style using alphabetic labels, but otherwise following the guidelines of the *ieee*. This style should be loaded using

\usepackage[style=ieee-alphabetic]{biblatex}

It is demonstrated in the accompany PDF file *biblatex-ieee-alphabetic*.

Suggestions for improvement and bug reports can be logged in the package issue database, found at [https://github.com/josephwright/biblatex-ieee/issues/](https://github.com/josephwright/biblatex-ieee/issues/), or can be sent by e-mail to joseph.wright@morningstar2.co.uk.

*This file describes v1.3a, last revised 2019/06/19.
†E-mail: joseph.wright@morningstar2.co.uk
References


Change History

v1.0 General: First stable release ... 4

v1.0a General: Print “presented at” for proceedings entries only if an eventtitle is available ... 4

v1.0b General: Add instructions for printing URL in roman font ... 4
Use dash for repeated author names ......................... 4

v1.0c General: Set et al. in italics ... 4
Turn off citation sorting ... 4
Use two em-dashes for repeated names ......................... 4

v1.0d General: Place series before editor for incollection entries ......................... 4

v1.0e General: Address brackets around citations again, hopefully correctly this time ... 4
Use US-style punctuation suppression ......................... 4

v1.0f General: Fix brackets in textcite ... 4

v1.0g General: Include data for related entries ......................... 4

v1.0h General: Print post-notes within brackets surrounding citation number ......................... 4

v1.1 General: New alphabetic style ieee-alphabetic ......................... 4
Update citation-related options set by the style ......................... 4

v1.1a General: Bracket citation numbers singly, not as a group ......................... 4

v1.1b General: Fix spacing between bibliography label and entry ... 4

v1.1c General: Improve handling of names in textcite ......................... 4

v1.1d General: Improve handling of names in textcite again ... 4

v1.1e General: Fix brackets in textcite ... 4

v1.1f General: Fix brackets in textcite again, hopefully correctly this time ... 4
Use US-style punctuation suppression ......................... 4

v1.1g General: Include data for related entries ......................... 4

v1.1h General: Print post-notes within brackets surrounding citation number ......................... 4

v1.1i General: Remove extraneous bracket when \cites is used ... 4
v1.1j
General: Correctly format multi-part page ranges . . . . 4
Update \textcite code for \biblatex v2.7 . . . . . . 4

v1.1k
General: Capitalise after colon in titles . . . . . . . . . 4

v1.1l
General: Respect braces for capitalisation in titles . . . . 4

v1.1m
General: Much simplified citation style approach . . . . 4
Track \biblatex changes . . . . . . . . . . . . . . . . . . . . . 4

v1.1n
General: Fix printing of titles when braced in database . . . 4

v1.1o
General: Fix capitalisation of journal titles . . . . . . . . 4

v1.1p
General: Revert changes in internal code for citation handling . . . 4

v1.1q
General: Fix stray space after “et al.” . . . . . . . . . . . . 4

v1.2
General: New dashed option . . . . . . . . . . . . . . . . 4
Refine handling of case changing in titles . . . . . . . . . . . 4
Use title case for book titles . . . . . . . . . . . . . . . . . 4

v1.2a
General: Minor internal updates . . . . . . . . . . . . . . 4
More work on formatting of titles . . . . . . . . . . . . . . . 4
Move some formatting directives . . . . . . . . . . . . . . . 4

v1.2b
General: Fix accidental printing of string no. . . . . . . . . . . . 4

v1.2c
General: Fix formatting for volume in some entry types . . . . . . 4

v1.2d
General: Subtle adjustment for volume string . . . . . . . . . . . . 4

v1.3
General: Hungarian localisation . . . . . . . . . . . . . . 4