

# The `ieee` bibliography style for `biblatex`\*

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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/>, or can be sent by e-mail to [joseph.wright@morningstar2.co.uk](mailto:joseph.wright@morningstar2.co.uk).

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## Change History

v1.0	General: First stable release . . . . . 4	v1.1b	General: Fix spacing between bibliography label and entry . . 4
v1.0a	General: Print “presented at” for <b>inproceedings</b> entries only if an <b>eventtitle</b> is available . . . . 4	v1.1c	General: Improve handling of names in <b>\textcite</b> . . . . . 4
v1.0b	General: Add instructions for printing URL in roman font . . . 4 Use dash for repeated author names . . . . . 4	v1.1d	General: Improve handling of names in <b>\textcite</b> again . . . . 4
v1.0c	General: Set <i>et al.</i> in italics . . . . . 4 Turn off citation sorting . . . . . 4 Use two em-dashes for repeated names . . . . . 4	v1.1e	General: Address brackets around citations again, hopefully correctly this time . . . . . 4 Use US-style punctuation suppression . . . . . 4
v1.0d	General: Place <b>series</b> before <b>editor</b> for <b>incollection</b> entries . . . . . 4	v1.1f	General: Fix brackets in <b>\textcite</b> 4
v1.1	General: New alphabetic style <b>ieee-alphabetic</b> . . . . . 4 Update citation-related options set by the style . . . . . 4	v1.1g	General: Include data for related entries . . . . . 4
v1.1a	General: Bracket citation numbers singly, not as a group . . . . . 4	v1.1h	General: Print post-notes within brackets surrounding citation number . . . . . 4
		v1.1i	General: Remove extraneous bracket when <b>\cites</b> is used . . 4

v1.1j	General: Correctly format multi-part page ranges . . . . .	4	v1.1q	General: Fix stray space after “ <i>et al.</i> ” . . . . .	4
	Update <code>\textcite</code> code for biblatex v2.7 . . . . .	4	v1.2	General: New <b>dashed</b> option . . . . .	4
v1.1k	General: Capitalise after colon in titles . . . . .	4		Refine handling of case changing in titles . . . . .	4
v1.1l	General: Respect braces for capitalisation in titles . . . . .	4		Use title case for book tiles . . . . .	4
v1.1m	General: Much simplified citation style approach . . . . .	4	v1.2a	General: Minor internal updates . . . . .	4
	Track biblatex changes . . . . .	4		More work on formatting of titles . . . . .	4
v1.1n	General: Fix printing of titles when braced in database . . . . .	4		Move some formatting directives . . . . .	4
v1.1o	General: Fix capitalisation of journal titles . . . . .	4	v1.2b	General: Fix accidental printing of string <b>no.</b> . . . . .	4
v1.1p	General: Revert changes in internal code for citation handling . . . . .	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