

# 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	bibliography label and entry . . . 4
General: First stable release . . . . . 4	v1.1c
v1.0a	General: Improve handling of
General: Print “presented at” for	names in <code>\textcite</code> . . . . . 4
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v1.0b	names in <code>\textcite</code> again . . . . . 4
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Use dash for repeated author	citations again, hopefully
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v1.0c	Use US-style punctuation
General: Set <i>et al.</i> in italics . . . . . 4	suppression . . . . . 4
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v1.0d	General: Include data for related
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entries . . . . . 4	General: Print post-notes within
v1.1	brackets surrounding citation
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<code>ieee-alphabetic</code> . . . . . 4	v1.1i
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set by the style . . . . . 4	bracket when <code>\cites</code> is used . . 4
v1.1a	v1.1j
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v1.1b	Update <code>\textcite</code> code for
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v1.1k	General: Capitalise after colon in titles . . . . .	4	v1.2	General: New <b>dashed</b> option . . . . .	4
v1.1l	General: Respect braces for capitalisation in titles . . . . .	4		Refine handling of case changing in titles . . . . .	4
v1.1m	General: Much simplified citation style approach . . . . .	4		Use title case for book tiles . . . . .	4
	Track <b>biblatex</b> changes . . . . .	4	v1.2a	General: Minor internal updates . . . . .	4
v1.1n	General: Fix printing of titles when braced in database . . . . .	4		More work on formatting of titles . . . . .	4
v1.1o	General: Fix capitalisation of journal titles . . . . .	4		Move some formatting directives . . . . .	4
v1.1p	General: Revert changes in internal code for citation handling . . . . .	4	v1.2b	General: Fix accidental printing of string <b>no.</b> . . . . .	4
v1.1q	General: Fix stray space after “ <i>et al.</i> ” . . . . .	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
			v1.3b	General: Add quotes to website titles . . . . .	4