

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 (<https://ieeeauthorcenter.ieee.org/wp-content/uploads/IEEE-Editorial-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.

*This file describes v1.3d, last revised 2020/12/29.

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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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names 4	correctly this time 4
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
General: Place <code>series</code> before	entries 4
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<code>ieee-alphabetic</code> 4	v1.1i
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v1.1a	v1.1j
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singly, not as a group 4	multi-part page ranges 4
v1.1b	Update <code>\textcite</code> code for
General: Fix spacing between	<code>biblatex v2.7</code> 4

v1.1k	General: Capitalise after colon in titles	4	Refine handling of case changing in titles	4
			Use title case for book tiles	4
v1.1l	General: Respect braces for capitalisation in titles	4	v1.2a	General: Minor internal updates . .
				More work on formatting of titles
v1.1m	General: Much simplified citation style approach	4		Move some formatting directives
	Track <code>biblatex</code> changes	4	v1.2b	General: Fix accidental printing of string <code>no</code>
v1.1n	General: Fix printing of titles when braced in database	4		
v1.1o	General: Fix capitalisation of journal titles	4	v1.2c	General: Fix formatting for volume in some entry types
			v1.2d	General: Subtle adjustment for volume string
v1.1p	General: Revert changes in internal code for citation handling	4	v1.3	General: Hungarian localisation . .
v1.1q	General: Fix stray space after “ <i>et al.</i> ”	4	v1.3b	General: Add quotes to website titles
v1.2	General: New <code>dashed</code> option	4	v1.3d	General: Adjust <code>online</code> type
				4