

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://ieeauthorcenter.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
```

Control of the exact information in dates is best achieved by using the `\AtEveryCite` command with appropriate data manipulation.

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 v1.3f, last revised 2021/12/06.

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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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v1.0c	Use US-style punctuation
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v1.0d	General: Include data for related
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ieee-alphabetic 4	v1.1i
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v1.1a	v1.1j
General: Bracket citation numbers	General: Correctly format
singly, not as a group 4	multi-part page ranges 4
v1.1b	Update <code>\textcite</code> code for
General: Fix spacing between	bibtex v2.7 4

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