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.

As-standard, citation numbers are all printed. If you do not wish to have compressed citations, use

```
\usepackage[style = ieee, citestyle = ieee-comp]{biblatex}
```

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. In particular, if your database includes full dates, you will likely want to drop these for most periodicals using `\clearfield`

Also included 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}
```

*This file describes v1.4c, last revised 2025-01-15.

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It is demonstrated in the accompanying 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@texdev.net.

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Change History