The \texttt{ieee} bibliography style for \texttt{biblatex}\textsuperscript{*}

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This package provides a style for \texttt{biblatex} which follows the guidelines of the \texttt{ieee}. The citation style is numeric and unsorted. The bibliography style follows the pattern of the official \texttt{IEEEtran} package (https://ieeauthortcenter.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 \texttt{biblatex-ieee.bib} database of example citations.

The style introduces new bibliography strings:

\texttt{patentjp} the text “Japanese Patent”;

\texttt{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 \texttt{dashed} option to those recognised: as-standard, this is activated. The option works in the same way as that from the core \texttt{biblatex} style \texttt{author-year}.

The appearance of URLs in the bibliography is set by the mechanism of the \texttt{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 \texttt{\AtEveryCite} command with appropriate data manipulation.

Also include in the bundle is a style using alphabetic labels, but otherwise following the guidelines of the \texttt{ieee}. This style should be loaded using

\usepackage[style=ieee-alphabetic]{biblatex}

It is demonstrated in the accompany PDF file \texttt{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.

\textsuperscript{*}This file describes v1.3f, last revised 2021/12/06.

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References


Change History

v1.0
General: First stable release . . . . . . 4 v1.1c
   General: Improve handling of
   bibliography label and entry . . 4
v1.0a
   General: Print “presented at” for
   names in \textcite . . . . . . . . . . . . 4
v1.0b
   General: Print “presented at” for
   inproceedings entries only if
   an eventtitle is available . . . . . 4
v1.0c
   General: Set et al. in italics . . . . . 4
   General: Add instructions for
   Turn off citation sorting . . . . . . 4
   Use dash for repeated author
   names . . . . . . . . . . . . . . . . . . 4
   Use two em-dashes for repeated
   names . . . . . . . . . . . . . . . . . . 4
v1.0d
   General: Place series before
   editor for incollection
   entries . . . . . . . . . . . . . . . . . . 4
v1.1
   General: New alphabetic style
   \texttt{ieee-alphabetic} . . . . . . . . . 4
   Update citation-related options
   set by the style . . . . . . . . . . . . . . . 4
v1.1a
   General: Bracket citation numbers
   singly, not as a group . . . . . . . . . . . 4
v1.1b
   General: Fix spacing between

4
v1.1k
General: Capitalise after colon in titles ......................... 4

v1.1l
General: Respect braces for capitalisation in titles ............... 4

v1.1m
General: Much simplified citation style approach .................. 4
Track \biblatex changes ........................................ 4

v1.1n
General: Fix printing of titles when braced in database ............ 4

v1.1o
General: Fix capitalisation of journal titles ....................... 4

v1.1p
General: Revert changes in internal code for citation handling .... 4

v1.1q
General: Fix stray space after “et al.” .......................... 4

v1.2
General: New \texttt{dashed} option ............................... 4
Refine handling of case changing in titles ........................ 4
Use title case for book tiles ................................. 4

v1.2a
General: Minor internal updates .. 4

More work on formatting of titles ................................. 4
Move some formatting directives ................................ 4

v1.2b
General: Fix accidental printing of string \texttt{no}. .................. 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

v1.3d
General: Adjust online type ............................... 4

v1.3e
General: Adjust truncation of names list .......................... 4

v1.3f
General: Adjust printing of series for books ....................... 4
Fix brackets in \texttt{supercite} ................................. 4
Use \texttt{false} as the default for \texttt{dashed} setting .................. 4