

[Site Map](#)[Home](#)

>

[TeX](#)

>

[IEEEtran](#)

>

[BibTeX](#)

THE IEEE_{TR}AN BIB_{TE}X STYLE

Overview

The IEEEtran BibTeX style is used to produce IEEE style bibliographies. It supports advanced entry types including URLs, patents, periodicals and standards. There are also IEEEtran.bst-based variants (e.g., IEEEtranS.bst, IEEEtranSA.bst, IEEEtranN, etc.) that provide for sorted bibliographies, alpha labels and/or compatibility with Patrick W. Daly's [natbib package](#).

The most recent version of IEEEtran.bst is v1.14 which was released on August 26, 2015.

Version v1.14 has a number of changes over the previous release (v1.13):

- Added the `CTLuse_url` field to the `IEEEtranBSTCTL` control entry type to allow user control of the display of URLs. Thanks to Pablo Chacin, Bogdan Roman and Richard Kolacinski for suggesting this feature.
- Added mention, and an example, of reports about standards to the documentation. Thanks to Guido R. Hiertz for providing information on this topic.
- Fixed missed comma in `BSTcontrol` example in the documentation. Thanks to Oscar Gustafsson for reporting this problem.
- Redirect hardcoded strings through functions `bb1.a`, `bb1.an`, `bb1.and` and `bb1.the` as needed to better support other languages. Thanks to Karsten Hinz for suggesting this change.
- Revised/enabled/corrected journal name string definition abbreviations in `IEEEabrv.bib` for `IEEE_J_DSC`, `IEEE_J_LT`, `IEEE_J_MTT`, `IEEE_J_NSM`, `IEEE_J_SC` and `IEEE_J_STARS`. Thanks to Nicolas Barabino, Chuanren Wu, Santiago Cogollo Borras and Yannick Berker for suggesting these changes.
- Revised/enabled/corrected full and abbreviated journal name string definitions in `IEEEfull.bib` and `IEEEabrv.bib` for `IEEE_M_C` and `IEEE_M_WC`.
- Added new IEEE journal name string definitions to `IEEEfull.bib` and `IEEEabrv.bib`:
Thanks to Uwe Siart and Mona Mitra for helping with obtaining these definitions.

Enjoy!

Obtaining the IEEEtran BibTeX Style

There are two primary distribution sites for the IEEEtran BibTeX package:

[CTAN \(The Comprehensive TeX Archive Network\)](#)

CTAN carries the complete IEEEtran file set.

[IEEE \(The Institute of Electrical and Electronics Engineers\)](#)

The IEEE carries the IEEEtran LaTeX and BibTeX (not including the non-IEEE alphanumeric and natbib variants) packages.

BibTeX Documentation

The following BibTeX-related documents may be of interest:

[BibTeX documentation on CTAN](#)

CTAN carries the BibTeX user guide and a BibTeX FAQ.

[Nicolas Markey's *Tame the BeaST --- The B to X of BibTeX*](#)

is a comprehensive BibTeX tutorial.

[Ki-Joo Kim's *A BibTeX Guide via Examples*](#)

has a lot of practical advice and examples.

[Helge Kreutzmann's *BibTeX Hints*](#)

contains a good overview along with some helpful tips.

[Robin Fairbairns' TeX FAQ](#)

covers several questions related to BibTeX.