ORiON BibLaTeX Style

Contents

1 Formatting your .bib file for ORiON

The usage of all bib items catered for by this style sheet can for the most part be derived from the examples in the `oriontest.bib` file attached to this documentation. A few things should be noted however, as discussed below.

1.1 Formatting of fields

Some general comments on the usage of various fields in your .bib file:

`title, booktitle`	These fields will be printed in *italics*, with no capital letters except for the first letter of the first word and any letter inside braces.
`author, editor`	These fields will be printed in Small Caps. Seperate names using the word "and", and give the first names first (or the initials thereof) seperated by spaces followed by the surname.
`volume, number, pages, year, urlyear, edition, day`	Such a field is to be given as a number or a range of numbers (*i.e.* two numbers seperated by -) with no text.
`month`	The month can either be given as a number between 1 and 12 or the month name in English, in full or abbreviated.
`url`	The URL package for LaTeX is used for the formatting of this field. This enables the usage of reserved symbols such as \$, #, &, $\sim$, *etc.* without requiring the usage of LaTeX commands to produced them (*i.e.* without using the commands `\$, \#, \&` and `$\sim$` as I needed to do here).
`publisher, address, institution, location, organization, note`	No formatting is done for these fields, they are printed just as you give them.

1.2 Notes on usage of bib items

- When referencing conference proceedings the phrase "Proceedings of the" is automatically added. The name of the conference must be given in the field `booktitle`, and if the conference has a number, such as the 5th Triennial Conference of the International Federation of Operations Research Societies, then this number should be given in the `number` field (with the superscript omitted).

- For online references there are two "year" fields, namely `year` (for the year of publication of the item) and `urlyear` (for the year in which the URL was visited by you).

- Any field of any item may be left out, and use the miscellaneous item and its useful `note` field for anything not covered by this style.

2 Using BibLATeX

2.1 Document setup

In order to use BibLATeX together with the ORiON style sheet, include the BibLATeX package together with options in your preamble as follows:

`\usepackage[useprefix=true,maxnames=99,backend=biber,style=orion]{biblatex}`

Your bibliography (.bib) file should be included as follows:

`\addbibresource{yourbibfile.bib}`

Where you want the bibliography to be printed, us the command `\printbibliography`. The command `\cite{*}` is equivalent to citing all items in your .bib file — it produces your entire bibliography and it prints this: [*].

In order to compile your document, run `latex/pdflatex` on your .tex file, then `biber` on the .aux file, and then `latex/pdflatex` on the .tex file again.

The bibliography for the file `oriontest.bib` is given below.

References

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