

Quick BibTeX Tutorial

1 General

The general procedure is as follows:

- Create a bibliography database with a `.bib` extension – e.g. `mybiblio.bib`
- Include in your `.tex` file the following two lines where you want the bibliography to appear:

```
\bibliographystyle{STYLE}
\bibliography{bibdatabase1[,bibdatabase2,...]}
```

`STYLE` can be any built in bibliography style (`plain`, `alpha`, `abbrv`, `unsrt`) or a specific style you download from the web or create yourself. If you omit the `\bibliographystyle{}` command, it defaults to `plain`. See <http://www.cs.stir.ac.uk/~kjt/software/latex/showbst.html> for examples of known styles.

`bibdatabaseN` can be the name of any bibliography database, but should be written without the `.bib` extension – e.g. `\bibliography{mybiblio}`.

- If you want to include any bibliography entries that you did not cite in your LaTeX document, you may add `\nocite{key}` for each key whose corresponding entry you wish to include. If you want all entries, you may type `\nocite{*}`.
- Assuming that your `.tex` file is called `mytest.tex`, you type the following sequence of commands at the UNIX prompt:

```
% latex mytest
% bibtex mytest
% latex mytest
% latex mytest
```

You will now have a `mytest.dvi` file which you can display with `xdvi` or which you can convert to postscript by typing

```
% dvips -o mytest.ps mytest
```

2 sample.tex

```
\documentclass{article}
\begin{document}

\bibliographystyle{ieeepes}

\section{Introduction}
This is a sample bibliography.
\nocite{*}

\bibliography{sample}
```

3 sample.bib

```
@article{ alvarez01minerva,  
    author = "Guillermo A. Alvarez and Elizabeth Borowsky and Susie  
Go and Theodore H. Romer and Ralph Becker-Szendy and Richard Golding  
and Arif Merchant and Mirjana Spasojevic and Alistair Veitch and John  
Wilkes",  
    title = "Minerva: An automated resource provisioning tool for  
large-scale storage systems",  
    journal = "ACM Transactions on Computer Systems",  
    volume = "19",  
    number = "4",  
    pages = "483--518",  
    year = "2001",  
    url = "citeseer.ist.psu.edu/alvarez01minerva.html" }  
  
@misc{ ira-inducing,  
    author = "Terence Kelly Ira",  
    title = "Inducing Models of Black-Box Storage Arrays",  
    url = "citeseer.ist.psu.edu/703376.html" }  
  
@misc{ allocation-practical,  
    author = "Storage Bandwidth Allocation",  
    title = "A Practical Learning-Based Approach for Dynamic",  
    url = "citeseer.ist.psu.edu/700576.html" }  
  
@misc{ system-evaluation,  
    author = "Policy-Managed Storage System",  
    title = "Evaluation of Object Placement Techniques in a",  
    url = "citeseer.ist.psu.edu/699244.html" }  
  
@misc{ ji03seneca,  
    author = "M. Ji and A. Veitch and J. Wilkes",  
    title = "Seneca: remote mirroring done write",  
    text = "M. Ji, A. Veitch, and J. Wilkes, Seneca: remote mirroring  
done write, in  
    Proceedings of the 2003.",  
    year = "2003",  
    url = "citeseer.ist.psu.edu/ji03seneca.html" }  
  
@misc{ frolund03fab,  
    author = "S. Frolund and A. Merchant and Y. Saito and S. Spence and  
A. Veitch",  
    title = "FAB: Enterprise storage systems on a shoestring",  
    text = "Svend Frolund, Arif Merchant, Yasushi Saito, Susan Spence,  
and Alistair  
    Veitch. FAB: Enterprise storage systems on a shoestring. In Proc.  
9th Workshop  
    on Hot Topics in Operating Systems, Lihue, HI, June 2003.",  
    year = "2003",  
    url = "citeseer.ist.psu.edu/frolund03fab.html" }  
  
@inproceedings{ mahalingam-locating,  
    author = "Mallik Mahalingam and Christos Karamanolis and Magnus  
Karlsson and Zhichen Xu",  
    title = "Locating Logical Volumes in Large-Scale Networks",  
    booktitle = "Tenth NASA Goddard Conference on Mass Storage Systems  
and Technologies",  
    year = 2002,
```

```
month = "April",
url = "citeseer.ist.psu.edu/mahalingam02locating.html" }

@misc{ anderson01hippodrome,
  author = "E. Anderson and M. Hobbs and K. Keeton and S. Spence and
M. Uysal and A.
  Veitch",
  title = "Hippodrome: running circles around storage
administration",
  text = "E. Anderson, M. Hobbs, K. Keeton, S. Spence, M. Uysal, and
A. Veitch. Hippodrome:
  running circles around storage administration. Submitted to
Symposium on
  Operating System Principles, 2001.",
  year = "2001",
  url = "citeseer.ist.psu.edu/anderson02hippodrome.html" }

@misc{ anderson02selecting,
  author = "E. Anderson and R. Swaminathan and A. Veitch and G.
Alvarez and J. Wilkes",
  title = "Selecting RAID levels for disk arrays",
  text = "E. Anderson, R. Swaminathan, A. Veitch, G. Alvarez, and J.
Wilkes. Selecting
  RAID levels for disk arrays. In Conference on File and Storage
Technologies
  (FAST), Monterey, CA, January 2002.",
  year = "2002",
  url = "citeseer.ist.psu.edu/anderson02selecting.html" }
```