

Correct and Efficient Citation Management with Jabref

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How bibtex is used

```
\documentclass{article}  
\usepackage{cite} % package for the use of BibTex  
  
\begin{document}  
  
blabla , cf. \cite{Bec05} % cite a reference  
  
\bibliography{toolSem1} % use bib-file toolSem1.bib  
\bibliographystyle{plain}  
  
\end{document}
```

...see our webpage for this example and further reading ...

A bibtex file...

...a bib file is a plain text file that contains arbitrary high numbers of bib-entries

```
@BOOK{Cia02 ,  
  title = {The finite element method for elliptic problems  
  publisher = {SIAM},  
  year = {2002},  
  author = {Ciarlet , P. G.},  
  volume = {40},  
  series = {Classics in Applied Mathematics},  
  address = {Philadelphia , PA}  
}
```

and Jabref can help to handle it...

Jabref ...

- ... is GPL software
- ... comes for all platforms
- <http://sourceforge.net/projects/jabref/>

Jabref can

- open several bibles in a GUI
- sort them by author, title, year, etc.
- copy and paste between the libraries
- edit the entries
- assign files like PDFs to the entries

→ watch the live performance

Importing of bibtex entries

- via copy-n-paste from other bib-files
- from plain text
- from the internet [later]

→ watch the live performance

ctrl-K copies “\cite{currentKey}” to the clipboard

→ watch the live performance

Bibtex entries are provided by most of the services that list or host scientific papers. In particular for mathematics it may be worth checking

- <http://www.ams.org/mathscinet/index.html>
- <http://www.zentralblatt-math.org/zmath/en/search/>
(features a “TU” button)
- <http://www.sciencedirect.com/>
- ...

and also most of the preprint servers...

???

are there any rules or best practices...

For an overview of phrases and formulations see the book by
Treziak: *Writing Mathematical Papers in English*