

# Instructions for Using Bibtex with Latex Documents

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Using Bibtex with Latex documents is not hard. The bulk of the work is organizing your bibtex file, which is a data base compiled by you of the articles, books, etc. which you use in the bibliographies or reference sections of your publications. The file `BibtexSamples.tex` contains examples of information needed for the different types of references you may wish to use (e.g., articles in refereed journals, books, unpublished articles, conference proceedings).

The first two pages of this document are instructions for using Bibtex; the remaining pages were taken from a published article and show how the references were cited in the `.tex` file.

1. Note that the references in the `.tex` file are cited with the same label which is used in your bib file (e.g.,

```
~\cite{lang1999}.
```

The reference numbers will be enclosed in brackets [1] in the dvi file.

2. At the end of the document, where you would normally type your references or bibliography, insert the following lines:

```
\newpage \bibliographystyle{plain}  
\bibliography{the name of your bib file}
```

In my case I used

```
\bibliography{Galactic,Dottie}
```

. The two bibfiles used were `Galactic.bbl` and `Dottie.bbl`.

After setting up your tex document (in this case, `BibtexInstructions.tex`) and your bibtex document (in this case, `Galactic.bib` and `Dottie.bib`), do the following:

1. Typeset your main document (`BibtexInstructions.tex`).

2. While still showing the dvi file, (in PcTEX) go to Tools, bibtex.exe.  
If using WinEdt, click on the Bib icon.
3. Typeset your main document a second time.
4. Typeset your main document a third time.

Not only will the reference numbers in the dvi file be in brackets (e.g., [1]), but your bibliography will automatically show in your references without your having to type them individually.

I have attached several other files to the pdf file which you are viewing. They are the copies of the original BibtexInstructions.tex file, Galactic.bib (the bib file used with this document), Galactic.bbl (the bbl file is made by Bibtex from the bib file) and BibtexSamples.tex. BibtexSamples.tex will give an example of the information needed for the various publications you wish to reference. **NOTE: When saving your bibtex file, type parentheses around the filename ("filename.bib"). This keeps the file a bib file and does not automatically save it as a .tex file.** The original .pdf file, the .tex files and the .bib files can be downloaded from <http://www.ireap.umd.edu/ireap/thesis/bibtex> for your use.

If you have questions concerning Bibtex, please contact me at 301 405-4955 or dbrosius at umd.edu.

## 1 Bibliography entries

lang1999 [14], hindmarsh1995 [11], genzel2007 [21], morris2004 [9], genzel2002 [22], matzner1990 [12], davis2005 [7], silveira1991 [23], bellan2004 [10], chud1986 [5], copeland1987 [6], lang2004 [8], butler1991 [4], Lang2002 [26], sofue2001 [24], landaumech [13], lang2003 [15], ott2003 [16], polchinski2004 [20], Stokes:1847 [25], Stokes:1847 [25], Phillips:1961 [18], Petzler:1984 [17], Phillips:1961 [18], Bhattacherryya:2003 [3], Banner:1985 [1], Plant:1999 [19], BF:1967 [2].

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