

# A self-contained *chapterbib* example

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# Chapter 1

## Introduction

The document here uses the an example bibliography (`usr/share/texlive/texmf-dist/bibtex/bib/base/xampl.bib`)<sup>1</sup>, based on this tex.SE question to show how to make a bibliography for each chapter of a big document.

To typeset it

- run `pdflatex` on the main file
- run `BIBTEX` on each of the `.aux` files generated for each chapter.
- run `pdflatex` on the main file
- run `pdflatex` on the main file

You should achieve the same result with the tiny bash script below, which `pdftexes` the main file a sufficient amount of times and calls `BIBTEX` for each of the `.aux` files inbetween those calls.

compilationscript.bash

```
1 pdflatex _main
  for _i in $(ls *.aux); do bibtex _$i; done
3 pdflatex _main
  pdflatex _main
```

You can enter these commands one after one in your terminal, or just call `bash compilationscript.bash` in your terminal if you're using some kind of UNIX system.

And here is a very important citation [1], which is what this is all about...

## Bibliography

- [1] L[eslie] A. Aamport. The gnats and gnus document preparation system. *G-Animal's Journal*, 41(7):73+, July 1986. This is a full ARTICLE entry.

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<sup>1</sup>At least that's where the file is on Ubuntu 16.04

## Chapter 2

# Materials & Methods

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[1]

## Bibliography

- [1] GAJ. *G-Animal's Journal*, 41(7), July 1986. The entire issue is devoted to gnats and gnus (this entry is a cross-referenced ARTICLE (journal)).

## Chapter 3

# Results

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[1]

## Bibliography

- [1] Wizard V. Oz and Mihalis Yannakakis, editors. *Proc. Fifteenth Annual Symposium on the Theory of Computing*, number 17 in All ACM Conferences, Boston, March 1983. The OX Association for Computing Machinery, Academic Press. This is a full PROCEEDINGS entry.

## Chapter 4

# Discussion

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[1]

## Bibliography

- [1] Joe-Bob Missilany. Handing out random pamphlets in airports. Handed out at O'Hare, October 1984. This is a full MISC entry.