

My Beautiful L^AT_EX Document

Me, myself and I

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1 Introduction

This is a section called Introduction.

2 Things I have learned today

2.1 Lists

This is a list:

- Entry 1;
- Entry 2;
- Entry 3.

2.2 Maths

Let's display some math:

$$\frac{n!}{k!(n-k)!} = \binom{n}{k}$$

$$\sin A \cos B = \frac{1}{2} [\sin(A - B) + \sin(A + B)]$$

2.3 Tables

This is a table:

	<hr/> Pr(>F) <hr/>
block	0.0159
N	0.0044

2.4 Figures

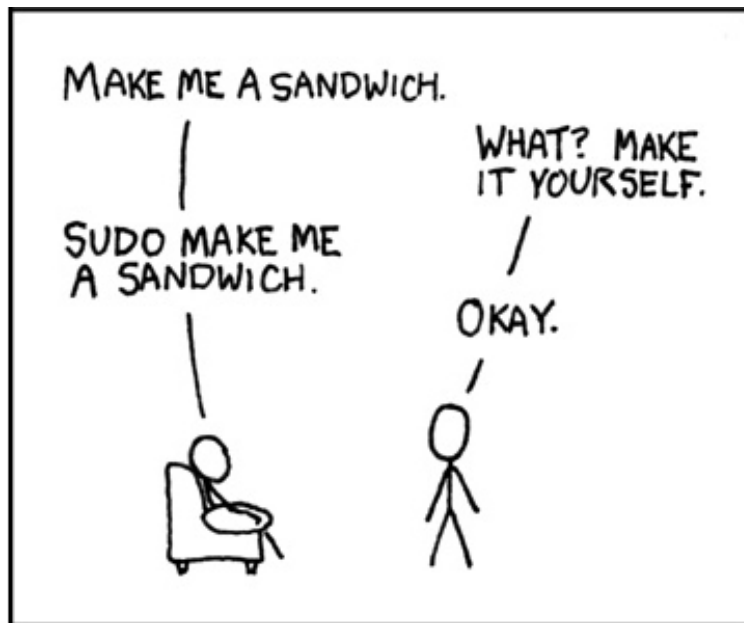


Figure 1: Figure

3 Bibliography

3.1 Exercise 1 - Basic Bibliography

The aim of this section is to learn and get familiar with the BibTeX syntax.

- ▶ Use a text editor and create a file called `myreflist` then give it the extension `.bib`.
- ▶ Now try to reproduce this output using a *plain* style (just write some dummy test and do not forget to cite your references):

References

- [1] Leslie Lamport. *LaTeX: A Document Preparation System (2nd Edition)*. Addison-Wesley, July 1994.

[2] James Dewey Watson and Francis Crick. Molecular Structure of Nucleic Acids: A Structure for Deoxyribose Nucleic Acid. *Nature*, 171:737–738, April 1953.

- ▶ Try also to define some strings, for example for the author or publisher fields (or both).

3.2 Exercise 2 - Styles

Suppose we are not satisfied with the *plain* style.

- ▶ Change the style to *alpha* and see what difference it makes.

There are many other styles available. One way of accessing more of them is to use the *natbib* package: to do that just type the command `\usepackage[numbers]{natbib}` in the preamble.

- ▶ Change the style into *acm* and see once again what difference it makes.
- ▶ Try to change the options for this package: add the commands `super` and `round`: what happens to the cite style?

3.3 Exercise 3 - URL and cross-referencing

Standard BibTeX styles don't allow to include directly an URL in the bibliography, but since we are using *natbib* now it is possible. Before starting switch to *plainnat* style.

- ▶ Create another entry in your `myreflist.bib` file using the `@misc` entry type; you can now use the `url` field. Try to reproduce something like this:

[1] Donald Knuth. Knuth: Computers and typesetting, 1984. URL <http://www-cs-faculty.stanford.edu/uno/abcde.html>

(Tip: If you want to have hyperlinks you can load the package *hyperref*).

BibTeX also allows for cross-referencing:

- ▶ Try to crossreference a chapter of Leslie Lamport's book (tip: you can use the entry `@incollection`, but you must provide a `title` field too... you can make one up).