

How to Make a L^AT_EX Document

Matthew Scicluna

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Abstract

Any good research paper ought to begin with an abstract, so here is one.

Executive Summary

If you want to have an executive summary instead, there is code for that too! just use

```
\renewcommand{\abstractname}{Executive Summary}  
\begin{abstract}  
...  
\end{abstract}
```

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Chapter 1

Chapter 1 Title Goes Here

This would be the beginning of a new chapter...

1.1 Section 1 of Chapter 1s Title Goes Here

This is where the content of Section 1 of Chapter 1 goes...

1.1.1 Subsection 1 of Section 1 of Chapter 1s Title Goes Here

This is where the content of Subsection 1 of Section 1 of Chapter 1

Subsubsection 1 of Section 1 of I give up!

This is where the content of whatever this is would go...

Chapter 2

Symbols you shouldn't use in \LaTeX

Dont use these symbols in \LaTeX or you will get an error when you compile
(unless you are in an enviornment that allows you to do so)

$\backslash \{ \} \$ \wedge _ \% \sim \# \&$

Chapter 3

How to Make Font Look Pretty

I want to emphasize how much I like this font

I'm trying to make a bold statement

It looks like I wrote this with a typewriter...

underlined font always looks nice...

this text is flushed right

this text is flushed left

this text is centered (centred for us Canadians)

This is what text looks like in the verbatim environment

This is what text looks like in the math environment

Chapter 4

Look Mom! I Made a Picture in my Document!

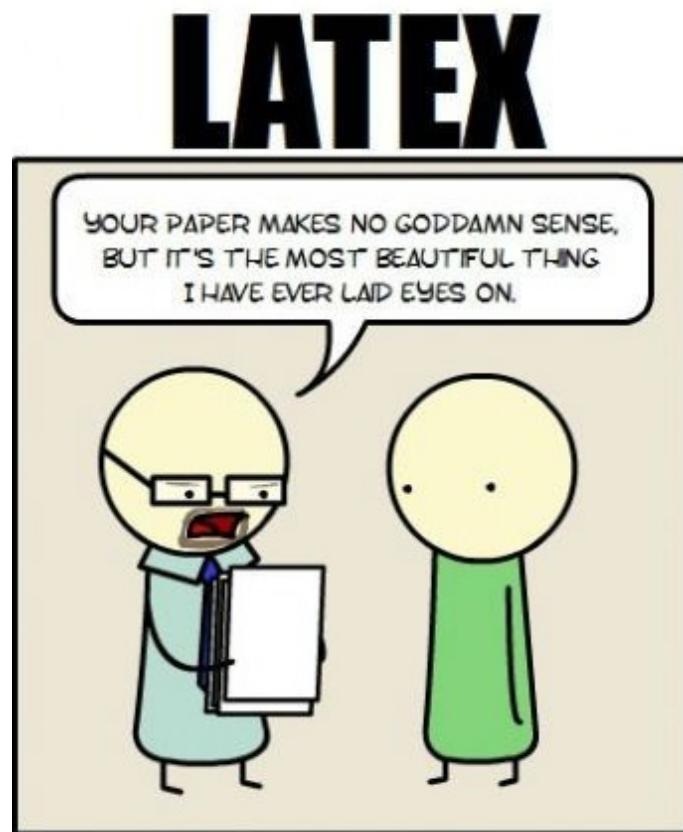


Figure 4.1: This is a caption

Chapter 5

Spacing Options and Other Formatting Tricks

Use the command `\` to add a space between words. See the difference in spacing between these two words and these two words?

use `\\` to force a sentence to
go
to
the
next
line

`\vspace{10 mm}` added that 10mm of vertical spacing above this line
`\hspace{10 mm}` added that 10mm of horizontal spacing below this line

Look how far to the right I am!

- We should talk about itemize
 - You can make a bullet by writing down `\item` next to some text when in the itemize environment
1. Enumerate is very similar except it uses numbers instead of bullets
 2.
 - Notice how you can nest the enumerate and itemize environments within each other?

Chapter 6

A Table

Lets take a look at the array enviornment

<i>column1</i>	<i>column2</i>	<i>column3</i>
<i>entry1</i>	<i>entry2</i>	<i>entry3</i>

This was made using the following code:

```
\begin{math}
\begin{array}{|c|c|c|}
%The letter c stands for centered (can use l or r too),
% the pipes indicate I want a vertical line between those columns
\hline \hline
column 1 & column 2 & column 3\\
\hline
entry 1 & entry 2 & entry 3 \\
\hline
%This tells the program you want to have a horizontal
%line after the preceding row
```