

# Skel for L<sup>A</sup>T<sub>E</sub>X

A first sketch for a general template for article writing

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## Abstract

Some tips for a L<sup>A</sup>T<sub>E</sub>X template.

\! - a negative thin space

## 1 Styles, et al.

Here I'll describe a way of installing L<sup>A</sup>T<sub>E</sub>X styles, BiBTeX styles, and a couple of other things in a straightforward way—I think this should work with most \*nix systems.

The first thing to do, is discover where whatever you want to install should be installed. And the ideal way to do this is using a tool named kpsewhich, which should get installed when you install L<sup>A</sup>T<sub>E</sub>X. It can be used to do a lot of things (`$ kpsewhich --help`), but the one we're interested in here, location of styles, uses the `--show-path NAME` option. The list of allowed names is part of the output of the `--help` option. So for instance, to discover where to place BiBTeX style files (\*.bst), run:

```
kpsewhich --show-path bst
```

This will output a list of locations where BiBTeX style files are searched for. So if you have a file called mystyle.bst, create a folder named “mystyle” in the appropriate location (I use `/home/user/texmf/bibtex/bst/`), and put mystyle.bst inside the folder you just created. Then run `$ texhash .` (don't forget the dot!) from the “appropriate location” folder you used. And you're done!

## 2 Math Stuff

*Ah, the beauty of math!*

Yours Truly

The commands I use for mathematics are included in the file `custom_commands.tex`.

For spacing: In a “math” environment, L<sup>A</sup>T<sub>E</sub>X ignores the spaces you type and puts in the spacing that it thinks is best. L<sup>A</sup>T<sub>E</sub>X formats mathematics the way it's done in mathematics texts. If you want different spacing, L<sup>A</sup>T<sub>E</sub>X provides the following four commands for use in math mode:

\; - a thick space

\: - a medium space

\, - a thin space

## 3 Graphics

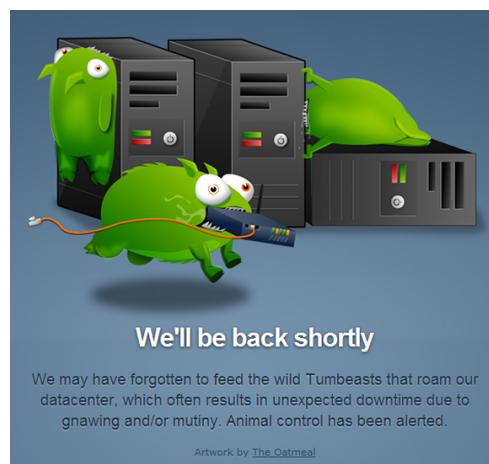


Figure 1: A simple caption

And this is an example of an endnote <sup>1</sup>.

## Notes

<sup>1</sup>Continuing the example of an endnote.