AUCTEX Cheatsheet

Documentation

See `/doc/tex-ref.tex` for a full reference card

`C-c C-i` Info entry

Configuration

An example configuration with `use-package`

```
(use-package auctex
  :defer t
  :config
  (setq TeX-auto-save t
        TeX-parse-self t
        reftex-plug-into-AUCTeX t)
  :hook (LaTeX-mode . reftex-mode))
```

Basic editing commands

`C-c C-m` Insert macro

`C-c C-e` Insert environment

`C-c ]` Close current environment

`C-c C-s` Insert section

`C-c C-j` Insert itemize item

`C-c ~` Math mode.
Use ` to type Math - *e.g.* `` `a``$\to \alpha$.

`C-x n e` Narrow to environment.
`C-x n w` to widen.

Font commands

These commands work with marked region, and inside math mode.

`C-c C-f C-i` *italic*

`C-c C-f C-b` **bold**

`C-c C-f C-t` `typewriter`

`C-c C-f C-e` *emphasis*

`C-c C-f C-d` delete current font

Build commands

Try `LaTeX`, `View`, and `Clean` commands

`C-c C-c` Run command

`C-c C-a` Build all.
Run all commands, until exhausted; *e.g.* `bibtex` multiple times.

`C-c C-r` Build region.
Compile the text in the active region plus the preamble. Outputs to `_region_.pdf` by default.

`C-c `` Show build errors.
Use `next-error` and `previous-error` to navigate.

Reftex

`C-c =` Table of context

`C-c (` Insert label, from context

`C-c )` Insert reference

`C-c [` Insert citation

`C-c &` Jump to reference