

AUCTeX Cheatsheet

Configuration

An example configuration with `use-package`:

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

Basic editing commands

<code>C-c C-m</code>	Insert macro
<code>C-c C-e</code>	Insert environment
<code>C-c]</code>	Close environment delimiter
<code>C-c C-s</code>	Insert section
<code>C-c C-j</code>	Insert item

<code>C-c ~</code>	Math mode Use <code>`</code> to type Greek - <i>e.g.</i> <code>`a</code> → α .
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Font commands¹

<code>C-c C-f C-i</code>	italic
<code>C-c C-f C-b</code>	bold
<code>C-c C-f C-t</code>	typewriter
<code>C-c C-f C-t</code>	emphasis
<code>C-c C-f C-d</code>	delete current font

Build commands²

<code>C-c C-c</code>	Run command
<code>C-c C-a</code>	Build all Run all commands, until exhausted; <i>e.g.</i> bibtex multiple times.

<code>C-c C-r</code>	Build region Compile the text in the active region plus the preamble. Outputs to <code>_region_.pdf</code> by default.
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<code>C-c `</code>	Show build errors Use next-error and previous-error to navigate.
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Reftex

<code>C-c =</code>	Table of context
<code>C-c (</code>	Insert label, from context
<code>C-c)</code>	Insert reference
<code>C-c [</code>	Insert citation
<code>C-c &</code>	Jump to reference

¹These commands work with marked region, and inside math mode.

²Check out the **Clean** command