AUCTEX Reference Card

(for version 11.89)

Conventions Used

Carriage Return or C-m	RET
Tabular or C-i	TAB
Linefeed or C-j	LFD

Shell Interaction

Run a command on the master file Run a command on the buffer Run a command on the region Fix the region Kill job Recenter output buffer Next error in TEX/LATEX session	C-c C-c C-c C-c C-c	C-b C-r C-t C-k C-l	C-r
Previous error in TEX/IATEX session	M-g	p	a 1
Toggle debug of bad boxes Toggle debug of warnings View output file		C-t C-t C-v	
Compile all and view output file	C-c	C-a	

Commands you can run on the master file (with C-c C-c) or the region (with C-c C-r) include the following (starred versions are not available in all modes):

T_{FX}	*TeX
IAT _E X	*LaTeX
ConT _E Xt (once)	*ConTeXt
ConT _E Xt Full	*ConTeXt Full
Makeinfo	*Makeinfo
Makeinfo with HTML output	*Makeinfo HTML
Appropriate previewer	View
Print the output	Print
$\mathrm{Bib}\mathrm{T}_{\mathrm{E}}\mathrm{X}$	BibTeX
Biber	Biber
MakeIndex	Index
LaCheck	Check
Make (PostScript) File	File
Ispell	Spell
Delete intermediate files	Clean
Delete all output files	Clean All

TeXing options

TEX runs can come in various types, which may be toggled and are indicated in the mode line.

PDF/DVI mode	С-с	C-t	С-р
Stop on errors (Interactive mode)	C-c	C-t	C-i
I/O correlation (S. Specials, SyncTeX)	C-c	C-t	C-s

Miscellaneous

Read AUCT _E X manual	C-c TAB
Find documentation	C-c ?
Math Mode	C-c ~
Reset Buffer	C-c C-n
Reset AUCT _F X	C-u C-c C-n

Multifile Handling

Save Document	C-c C-d
Switch to master file or active buffer	C-c ^
Query for a master file	C-c _

Command Insertion

Insert Section	C-c C-s
Insert LATEX environment	C-c C-e
Insert item	C-c LFD
Insert item (alias)	M-RET
Close LATEX environment	C-c]
Insert TEX macro {}	C-c $C-m$
Insert double brace	C-c {
Complete T _E X macro	M-TAB
Smart "quote"	11
Smart "dollar"	\$

Font Selection

Insert bold text	C-c C-f C-b
Insert italics text	C-c C-f C-i
Insert roman text	C-c C-f C-r
Insert emphasized text	C-c C-f C-e
Insert typewriter text	C-c C-f C-t
Insert slanted text	C-c C-f C-s
Insert Small Caps text	C-c C-f C-c
Delete font	C-c C-f C-d
Replace font	C-u C-c C-f $\langle \mathrm{key} \rangle$

Source Formatting

Indent current line	TAB
Indent next line	LFD
Format a paragraph Format a region Format a section Format an environment	M-q C-c C-q C-r C-c C-q C-s C-c C-q C-e
Mark an environment	C-c .
Mark a section	C-c *
Comment or uncomment region	C-c ;
Comment or uncomment paragraph	C-c %

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Math Mode

Variables

All math mode commands are under the prefix key specified by LaTeX-math-abbrev-prefix, default is "'".

You can define your own math mode commands by setting the variable LaTeX-math-list before loading LaTeX-math-mode.

Greek Letters

α	(α)	a	v	(υ)	u
β	(β)	b	ϕ	(\phi)	f
$\stackrel{\gamma}{\delta}$	(γ)	g	χ	(\c)	q
δ	(δ)	d	ψ	(ψ)	У
ϵ	$(\ensuremath{\mbox{\sc on}})$	е	ω	(ω)	W
ζ	$(\forall zeta)$	z	Δ	(Δ)	D
η	$(\ensuremath{\texttt{land}})$	h	Γ	(Γ)	G
$\dot{\theta}$	(θ)	j	Θ	(Θ)	J
κ	(κ)	k	Λ	(λ)	L
λ	(\label{lambda})	1	Ξ	(\Xi)	X
μ	(\mu)	m	П	(\Pi)	P
ν	(\nu)	n	Σ	(Σ)	S
ξ	(\xi)	x	Υ	(Υ)	U
π	(\pi)	р	Φ	(Φ)	F
ρ	(\rho)	r	Ψ	(Ψ)	Y
σ	(σ)	s	Ω	(\Dmega)	W
au	(\tau)	t			

Symbols

\rightarrow	(\rightarrow)	C-f	\subseteq	(\subseteq)	[
\leftarrow	(\leftarrow)	C-b	\supseteq	(\supseteq)]
\uparrow	(\uparrow)	C-p	Ø	(\emptyset)	0
\downarrow	(\downarrow)	C-n	\	(\setminus)	\
	(\leq)	<	Ú	(\cup)	+
$\stackrel{\leq}{ ilde{x}}$	(\geq)	>	\cap	(\cap)	-
	(\tilde)	~	<	$(\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ $	(
\hat{x}	(\hat)	^	>	(\rangle))
∇	(∇)	N	exp	(\exp)	С-е
∞	(∞)	I	\sin	(\sin)	C-s
\forall	(\forall)	A	cos	(\cos)	C-c
∃	$(\texttt{\ensuremath{\case}}$	E	\sup	(\sup)	C-^
/	(\not)	/	\inf	(\inf)	C
\in	(\in)	i	\det	(\det)	C-d
×	$(\forall times)$	*	\lim	(\lim)	C-1
	(\cdot)		\tan	(λ)	C-t
:	(\colon)	:	\vee	(\vee)	- 1
\subset	(\subset)	{	\wedge	(\wedge)	&
\supset	(\supset)	}			

Miscellaneous

cal letters c \langle letter\