

Lyx 1.3: Keyboard Shortcuts

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Mathematical Symbols: (C-g: Greek, C-s: Symbols)

Sym.	Key	Sym.	Key	Sym.	Key	Sym	Key
α	C-g a	\aleph/∇	C-s a/A	\rightarrow	C-s 1 (M- \rightarrow)	\Rightarrow	C-s S-1 (M-S- \rightarrow)
β	C-g b	$\binom{a}{b} / \square$	C-s <i>b_{inom}</i> / B	\uparrow	C-s 2 (M- \uparrow)	\Uparrow	C-s S-2 (M-S- \uparrow)
χ	C-g c	$\begin{cases} a & b \\ c & d \end{cases}$	C-s <i>c_{ase}</i> (C/3)	\leftarrow	C-s 3 (M- \leftarrow)	\Leftarrow	C-s S-3 (M-S- \leftarrow)
δ/Δ	C-g d/D	∂/∇	C-s d/D	\downarrow	C-s 4 (M- \downarrow)	\Downarrow	C-s S-4 (M-S- \downarrow)
ε/ε	C-g e/E	$\exists/\#$	C-s e/E	\supseteq	C-s 5	\supset	C-s S-5
ϕ/Φ	C-g f/F	\therefore/\therefore	C-s f/F	\cap	C-s 6	\cap	C-s S-6
γ / Γ	C-g g/G	graph	C-s g/G	\subseteq	C-s 7	\subset	C-s S-7
η	C-g h	\heartsuit	C-s h	\cup	C-s 8	\cup	C-s S-8
ι	C-g i/I	∞/ι	C-s i/I	\leq	C-s ./M-,	\Leftrightarrow	C-s C=
φ	C-g j	<i>J</i>	C-s J	\geq	C-s ./M-.	a_1/a^1	M-1/M-C-1,2,...
κ	C-g k	\cong	C-s k	\emptyset	C-s 0	x_1, x_2, \dots	M-q X/x/Y/y/A/a
λ/Λ	C-g l/L	lim/ <i>l</i>	C-s l/L	\ll / \gg	C-s </>	\sim	M-
μ	C-g m	matrix	C-s m/M/C-M	\dagger	C-s +	\approx	M=
n	C-g n	$\cap \setminus \cap$	C-s n/N	\dots	C-s -	\int	C-i
ω/Ω	C-g o/O	\oint	C-s o	\vdots	C-s ;	<i>number</i>	C-n
π/Π	C-g p/P	\prod/\wp	C-s p/P	\ddots	C-s \	<i>no-num</i>	C-N
ϑ	C-g q/Q	\Rightarrow	C-s q	\sim	C-s ~	$\sum/\sum_{n=0}^{\infty}$	C-e/C-E
ρ/ϱ	C-g r/R	\copyright/\mathfrak{R}	C-s r/R	\equiv	C-s =	$\frac{a}{b}$	C-/ (C- <i>fraction</i>)
σ/Σ	C-g s/S	\xrightarrow{d}/\S	C-s <i>s_{tack}</i> / S	$|$ (mid)	C-s :	\sqrt{a}	C- <i>root</i>
τ/ς	C-g t/T	Δ/∇	C-s t/T	$\grave{a}\grave{b}\grave{c}$	C-./C-:	b^a / b_{\uparrow}^a	C- <i>high</i> , C- \uparrow / C-H
υ/Υ	C-g u/U	\cup/\cup	C-s u/U	$\bar{a}\bar{b}\bar{c}$	C-./M-	$b_a / b_a^{\varepsilon_1}$	C- <i>low</i> , C- \downarrow / C-L
θ/Θ	C-g v/V	$\vee\vee/\wedge\wedge$	C-s vV/C-	$\hat{a}\hat{b}\hat{c}$	C-^/M-^	$\begin{matrix} a & b \\ c & d \end{matrix}$	C-s <i>m_{atrix}</i> (M for 3x3)
ω/Ω	C-g w/W	\in/\notin	C-s w/W	$\vec{a}\vec{b}\vec{c}$	C-+/M-+	$\begin{matrix} a & b & c \\ d & e & f \end{matrix}$	C-s C-m r c ($\leq 6 \times 6$)
ξ/Ξ	C-g x/X	\times/\bowtie	C-s x/X	$\tilde{a}\tilde{b}\tilde{c}$	C-~/M-~		
ψ/Ψ	C-g y/Y	α	C-s y				
ζ	C-g z	\exists	C-s z				

Delimiters

C-(/)	C-[/]	C-{\ /}	C-|	C-\	C-s (	C-s)	C-s [	C-s]	C-s {	C-s }	C-s |	C-s C-|	M-(M-|)	M-[M-)
(<i>a</i>)	[<i>a</i>]	{ <i>a</i>}	|<i>a</i>|	\|<i>a</i>\|	(<i>a</i>)	)	[<i>a</i>	]	{<i>a</i>	}	|<i>a</i>|	|<i>a</i>	(<i>a</i>)	[<i>a</i>)

Important Shortcuts

S-space / C-m /C-t	Enter Math Mode			F5	Bold	F9	View dvi
C-M/C-d	Displayed math	F2	Save file	F6	<i>Emph</i>	F10	View ps
M-m/C-D	eqnarray	F3	Search	F7	font tt	F11	view pdf
Alt/Shift/Ctrl-Ret	unusual break line	F4	No-font	F8	noUN	F12	view pdflatex
C-Left / C-Right	Change depth	C-F9	Export latex	S-F9	Update dvi	S-F11	Update pdf
C-space [+ spaces]	Space [wider]	C-F11	Export pdf	S-F10	Update ps	S-F12	Update pdftex

Layout Shortcuts: (M-p), * means unnumbered environments

M-p1	M-p 2	M-p 3	M-p 4	M-p 5	M-p 6	M-p t
Chapter	Section	Subsection	Subsubsection	Paragraph	Subparagraph	Title
M-p a/A	M-p d/C-d	M-p c	M-p C/C-c	M-p T/C-t	M-p E/C-e	M-p F/C-f
Author	Definition/*	code	Corollary/*	Theorem/*	Example/*	Fact/*
M-p N/C-n	M-p q	M-p s	M-p i	M-p e		
Note/*	Quote	standard	itemize	enumerate		

Common Tips and Tricks

1. Before you use lyx, grab a entry level latex book and make clear the following:
 - (a) What is latex. The structure of a simple latex file
 - (b) Basic commands such as latex, pdflatex, xdvi, dvips
 - (c) Latex classes, packages
 - (d) What is preamble
 - (e) Inline math, displayed math, eqnarray (and alignment.)
 - (f) Environment and environment depth.
 - (g) Label and cross reference, index, citation reference
 - (h) Basic usage of bibtex
2. Input math:
 - (a) Use its latex name, for example: `\ne` input \neq .
 - (b) Use math panel, or
 - (c) Use the shortcuts
 - (d) DO NOT insert math symbol in text-mode (C-M within a math mode)