

NAME

xkeyboard-config - XKB data description files

DESCRIPTION

xkeyboard-config provides the description files for the X Keyboard Extension (XKB) and for libxkbcommon. Typically it is the task of the desktop environment to apply the requested configuration. Users running an X server can also use the setxkbmap(1) tool to apply keyboard configuration at runtime or configure XKB settings in the xorg.conf(5).

XKB DATA FILES LOAD PATHS

xkeyboard-config provides the XKB data files installed in /usr/local/share/X11/xkb. User-specific data files may be elsewhere but it depends on the tool whether those files are loaded. For example, the libxkbcommon library will by default load XKB data files from the user's home directory. See the libxkbcommon documentation for details.

THE CUSTOM LAYOUT

The "custom" layout is a layout that is listed as available to tools reading the data files but is not actually provided by xkeyboard-config. A user may save a layout specification in the /usr/local/share/X11/xkb/symbols/custom file and that layout will be available to most tools interacting with the xkeyboard-config data files. This is primarily aimed at systems running X where additional lookup paths cannot easily be added.

Because the "custom" layout is merely listed as available but not provided by xkeyboard-config, the layout will not be overwritten on updates.

MODELS

Model	Description
pc86	Generic 86-key PC
pc101	Generic 101-key PC
pc102	Generic 102-key PC
pc104	Generic 104-key

	PC	
pc104alt	Generic 104-key PC with L-shaped Enter	
	key	
pc105	Generic 105-key	
	PC	
a4techKB21	A4Tech	
	KB-21	
a4techKBS8	A4Tech	
	KBS-8	
a4_rfkb23	A4Tech Wireless Desktop	
	RFKB-23	
airkey	Acer AirKey	
	V	
acer_c300	Acer	
	C300	
acer_ferrari4k	Acer Ferrari	
	4000	
acer_laptop	Acer	
	laptop	
scorpius	Advance Scorpius	
	KI	
apple	Apple	
applealu_ansi	Apple Aluminium	
	(ANSI)	
applealu_iso	Apple Aluminium	
	(ISO)	
applealu_jis	Apple Aluminium	
	(JIS)	
asus_laptop	Asus	
	laptop	
azonaRF2300	Azona RF2300 Wireless	
	Internet	
benqx	BenQ	
	X-Touch	
benqx730	BenQ X-Touch	
	730	
benqx800	BenQ X-Touch	
	800	
brother	Brother	
	Internet	

btc5090	BTC	
	5090	
btc5113rf	BTC 5113RF	
	Multimedia	
btc5126t	BTC	
	5126T	
btc6301urf	BTC	
	6301URF	
btc9000	BTC	
	9000	
btc9000a	BTC	
	9000A	
btc9001ah	BTC	
	9001AH	
btc9019u	BTC	
	9019U	
btc9116u	BTC 9116U Mini Wireless Internet and	
	Gaming	
cherryblue	Cherry Blue Line	
	CyBo@rd	
cherrybluea	Cherry Blue Line CyBo@rd	
	(alt.)	
cherrybunlim	Cherry	
	B.UNLIMITED	
cherrykeyboard	Cherry CyBo@rd	
	USB-Hub	
cherrycmexpert	Cherry CyMotion	
	Expert	
cymotionlinux	Cherry CyMotion Master	
	Linux	
cherryblueb	Cherry CyMotion Master	
	XPress	
chicony	Chicony	
	Internet	
chicony9885	Chicony	
	KB-9885	
chicony0108	Chicony	
	KU-0108	
chicony0420	Chicony	
	KU-0420	

chromebook	Chromebook	
classmate	Classmate	
	PC	
compalf190	Compal	
	FL90	
armada	Compaq Armada	
	laptop	
compaqeasy8	Compaq Easy	
	Access	
compaqik7	Compaq Internet (7	
	keys)	
compaqik13	Compaq Internet (13	
	keys)	
compaqik18	Compaq Internet (18	
	keys)	
ipaq	Compaq	
	iPaq	
presario	Compaq Presario	
	laptop	
creativew7000	Creative Desktop Wireless	
	7000	
dell	Dell	
dell101	Dell 101-key	
	PC	
latitude	Dell Latitude	
	laptop	
inspiron	Dell Inspiron 6000/8000	
	laptop	
precision_m	Dell Precision M	
	laptop	
dellm65	Dell Precision M65	
	laptop	
dellsk8125	Dell	
	SK-8125	
dellsk8135	Dell	
	SK-8135	
dellusbmm	Dell USB	
	Multimedia	
dexxa	Dexxa Wireless	
	Desktop	

 diamond	Diamond	
	9801/9802	
 dtk2000	DTK2000	
 emachines	eMachines m6800	
	laptop	
 ennyah_dkb1008	Ennyah	
	DKB-1008	
 everex	Everex	
	STEPnote	
 fscaa1667g	Fujitsu-Siemens Amilo	
	laptop	
 genius	Genius Comfy KB-16M/Multimedia	
	KWD-910	
 geniuscomfy	Genius Comfy	
	KB-12e	
 geniuscomfy2	Genius Comfy	
	KB-21e-Scroll	
 geniuskb19e	Genius KB-19e	
	NB	
 geniuskkb2050hs	Genius	
	KKB-2050HS	
 gyration	Gyration	
 hhk	Happy	
	Hacking	
 macintosh_hhk	Happy Hacking for	
	Mac	
 hpi6	Hewlett-Packard	
	Internet	
 hpmini110	Hewlett-Packard Mini 110	
	laptop	
 hpnx9020	Hewlett-Packard	
	nx9020	
 hp5xx	Hewlett-Packard Omnibook	
	500	
 hp500fa	Hewlett-Packard Omnibook 500	
	FA	
 hp6000	Hewlett-Packard Omnibook	
	6000/6100	
 hp3e3gc	Hewlett-Packard Omnibook XE3	
	GC	

 hp xe3gf	Hewlett-Packard Omnibook XE3	
	GF	
 hp xt1000	Hewlett-Packard Omnibook	
	XT1000	
 hp dv5	Hewlett-Packard Pavilion	
	dv5	
 hp zt11xx	Hewlett-Packard Pavilion	
	ZT1100	
 hp 250x	Hewlett-Packard SK-2501	
	Multimedia	
 honeywell_euroboard	Honeywell	
	Euroboard	
 rapidaccess	IBM Rapid	
	Access	
 rapidaccess2	IBM Rapid Access	
	II	
 ibm_spacesaver	IBM Space	
	Saver	
 thinkpad	IBM ThinkPad	
	560Z/600/600E/A22E	
 thinkpad60	IBM ThinkPad	
	R60/T60/R61/T61	
 thinkpadz60	IBM ThinkPad	
	Z60m/Z60t/Z61m/Z61t	
 flexpro	Keytronic	
	FlexPro	
 kinesis	Kinesis	
 logitech_base	Logitech	
 logiaccess	Logitech	
	Access	
 logi cd	Logitech Cordless	
	Desktop	
 logi cda	Logitech Cordless Desktop	
	(alt.)	
 logi ex110	Logitech Cordless Desktop	
	EX110	
 logi cd_it	Logitech Cordless Desktop	
	iTouch	
 logi clx300	Logitech Cordless Desktop	
	LX-300	

logicd_nav	Logitech Cordless Desktop	
	Navigator	
logicd_opt	Logitech Cordless Desktop	
	Optical	
logidinovo	Logitech	
	diNovo	
logidinovoedge	Logitech diNovo	
	Edge	
logitech_g15	Logitech G15 extra keys via	
	G15daemon	
logiik	Logitech	
	Internet	
logii350	Logitech Internet	
	350	
logimel	Logitech Internet	
	350	
logicink	Logitech Internet	
	Navigator	
itouch	Logitech	
	iTouch	
logiitc	Logitech iTouch Cordless	
	Y-RB6	
logiinkse	Logitech iTouch Internet Navigator	
	SE	
logiinkseusb	Logitech iTouch Internet Navigator SE	
	USB	
logiultrax	Logitech	
	Ultra-X	
logiultraxc	Logitech Ultra-X Cordless Media Desktop	
macbook78	MacBook/MacBook	
	Pro	
macbook79	MacBook/MacBook Pro	
	(intl.)	
macintosh	Macintosh	
macintosh_old	Macintosh	
	Old	
mx1998	Memorex	
	MX1998	
mx2500	Memorex MX2500	
	EZ-Access	

mx2750	Memorex	
	MX2750	
microsoftcurve2k	Microsoft Comfort Curve	
	2000	
microsoftinet	Microsoft	
	Internet	
microsoftprose	Microsoft Internet Pro	
	(Swedish)	
microsoft	Microsoft	
	Natural	
microsoftelite	Microsoft Natural	
	Elite	
microsoft4000	Microsoft Natural Ergonomic	
	4000	
microsoft7000	Microsoft Natural Wireless Ergonomic	
	7000	
microsoftpro	Microsoft Natural Pro/Internet	
	Pro	
microsoftprousb	Microsoft Natural Pro USB/Internet	
	Pro	
microsoftprooem	Microsoft Natural Pro	
	OEM	
microsoftoffice	Microsoft Office	
	Keyboard	
microsoftsurface	Microsoft	
	Surface	
microsoftmult	Microsoft Wireless Multimedia	
	1.0A	
sk1300	NEC	
	SK-1300	
sk2500	NEC	
	SK-2500	
sk6200	NEC	
	SK-6200	
sk7100	NEC	
	SK-7100	
omnikey101	Northgate OmniKey	
	101	
olpc	OLPC	
oretex	Ortek Multimedia/Internet	

	MCK-800	
pc98	PC-98	
ppkb	PinePhone	
	Keyboard	
propeller	Propeller Voyager	
	KTEZ-1000	
qtronix	QTronix Scorpion	
	98N+	
samsung4500	Samsung SDM	
	4500P	
samsung4510	Samsung SDM	
	4510P	
sanwaskbkg3	Sanwa Supply	
	SKB-KG3	
silvercrest	Silvercrest Multimedia	
	Wireless	
apex300	SteelSeries Apex 300 (Apex	
	RAW)	
sun_type6_jp	Sun Type 6	
	(Japanese)	
sun_type6_jp_usb	Sun Type 6 USB	
	(Japanese)	
sun_type6_unix_usb	Sun Type 6 USB	
	(Unix)	
sun_type6_usb	Sun Type 6/7	
	USB	
sun_type6_euro_usb	Sun Type 6/7 USB	
	(European)	
sun_type7_usb	Sun Type 7	
	USB	
sun_type7_euro_usb	Sun Type 7 USB	
	(European)	
sun_type7_jp_usb	Sun Type 7 USB (Japanese)/Japanese	
	106-key	
sun_type7_unix_usb	Sun Type 7 USB	
	(Unix)	
sp_inet	Super Power	
	Multimedia	
sven	SVEN Ergonomic	
	2500	

sven303	SVEN Slim	
	303	
symplon	Symplon PaceBook	
	tablet	
targa_v811	Targa Visionary	
	811	
toshiba_s3000	Toshiba Satellite	
	S3000	
teck227	Truly Ergonomic	
	227	
teck229	Truly Ergonomic	
	229	
trustda	Trust Direct	
	Access	
trust_slimline	Trust	
	Slimline	
trust	Trust Wireless	
	Classic	
tm2020	TypeMatrix EZ-Reach	
	2020	
tm2030PS2	TypeMatrix EZ-Reach 2030	
	PS2	
tm2030USB	TypeMatrix EZ-Reach 2030	
	USB	
tm2030USB-102	TypeMatrix EZ-Reach 2030 USB (102/105:EU mode)	
tm2030USB-106	TypeMatrix EZ-Reach 2030 USB (106:JP	
	mode)	
unitekkb1925	Unitek	
	KB-1925	
vsonku306	ViewSonic KU-306	
	Internet	
winbook	Winbook Model	
	XP5	
yahoo	Yahoo!	
	Internet	

LAYOUTS

Layout(Variant)	Description	
+-----+		
al	Albanian	
al(plisi)	Albanian (Plisi)	
al(veqilharxhi)	Albanian (Veqilharxhi)	
+-----+		
et	Amharic	
+-----+		
am	Armenian	
am(phonetic)	Armenian (phonetic)	
am(phonetic-alt)	Armenian (alt. phonetic)	
am(eastern)	Armenian (eastern)	
am(eastern-alt)	Armenian (alt. eastern)	
am(western)	Armenian (western)	
+-----+		
ara	Arabic	
ara(digits)	Arabic (Eastern Arabic numerals)	
ara(azerty)	Arabic (AZERTY)	
ara(azerty_digits)	Arabic (AZERTY, Eastern Arabic numerals)	
ara(buckwalter)	Arabic (Buckwalter)	
ara(mac)	Arabic (Macintosh)	
ara(mac-phonetic)	Arabic (Macintosh, phonetic)	
ara(olpc)	Arabic (OLPC)	
+-----+		
eg	Arabic (Egypt)	

+-----+		
 iq	Arabic	
	(Iraq)	
 iq(ku)	Kurdish (Iraq, Latin	
	Q)	
 iq(ku_alt)	Kurdish (Iraq, Latin	
	Alt-Q)	
 iq(ku_f)	Kurdish (Iraq,	
	F)	
 iq(ku_ara)	Kurdish (Iraq,	
	Arabic-Latin)	
+-----+		
 ma	Arabic	
	(Morocco)	
 ma(tifinagh)	Berber (Morocco,	
	Tifinagh)	
 ma(tifinagh-alt)	Berber (Morocco, Tifinagh	
	alt.)	
 ma(tifinagh-alt-phonetic)	Berber (Morocco, Tifinagh phonetic,	
	alt.)	
 ma(tifinagh-extended)	Berber (Morocco, Tifinagh	
	extended)	
 ma(tifinagh-phonetic)	Berber (Morocco, Tifinagh	
	phonetic)	
 ma(tifinagh-extended-phonetic)	Berber (Morocco, Tifinagh extended	
	phonetic)	
 ma(french)	French	
	(Morocco)	
 ma(rif)	Tarifit	
+-----+		
 sy	Arabic	
	(Syria)	
 sy(syc)	Syriac	
 sy(syc_phonetic)	Syriac	
	(phonetic)	
 sy(ku)	Kurdish (Syria, Latin	
	Q)	
 sy(ku_alt)	Kurdish (Syria, Latin	
	Alt-Q)	
 sy(ku_f)	Kurdish (Syria,	

	F)	
+-----+		
 az	Azerbaijani	
 az(cyrillic)	Azerbaijani (Cyrillic)	
+-----+		
 ml	Bambara	
 ml(fr-oss)	French (Mali, alt.)	
 ml(us-mac)	English (Mali, US, Macintosh)	
 ml(us-intl)	English (Mali, US, intl.)	
+-----+		
 bd	Bangla	
 bd(probhat)	Bangla (Probhat)	
+-----+		
 by	Belarusian	
 by(legacy)	Belarusian (legacy)	
 by(latin)	Belarusian (Latin)	
 by(intl)	Belarusian (intl.)	
 by(phonetic)	Belarusian (phonetic)	
 by(ru)	Russian (Belarus)	
+-----+		
 be	Belgian	
 be(oss)	Belgian (alt.)	
 be(oss_latin9)	Belgian (Latin-9 only, alt.)	
 be(iso-alternate)	Belgian (ISO, alt.)	
 be(nodeadkeys)	Belgian (no dead keys)	
 be(wang)	Belgian (Wang 724	

	AZERTY)	
+-----+		
 dz	Berber (Algeria, Latin)	
 dz(ber)	Berber (Algeria, Tifinagh)	
 dz(azerty-deadkeys)	Kabyle (AZERTY, with dead keys)	
 dz(qwerty-gb-deadkeys)	Kabyle (QWERTY, UK, with dead keys)	
 dz(qwerty-us-deadkeys)	Kabyle (QWERTY, US, with dead keys)	
 dz(ar)	Arabic (Algeria)	
+-----+		
 ba	Bosnian	
 ba(alternatequotes)	Bosnian (with guillemets)	
 ba(unicode)	Bosnian (with Bosnian digraphs)	
 ba(unicodeus)	Bosnian (US, with Bosnian digraphs)	
 ba(us)	Bosnian (US)	
+-----+		
 brai	Braille	
 brai(left_hand)	Braille (left-handed)	
 brai(left_hand_invert)	Braille (left-handed inverted thumb)	
 brai(right_hand)	Braille (right-handed)	
 brai(right_hand_invert)	Braille (right-handed inverted thumb)	
+-----+		
 bg	Bulgarian	
 bg(phonetic)	Bulgarian (traditional phonetic)	
 bg(bas_phonetic)	Bulgarian (new phonetic)	

 bg(bekl)	Bulgarian	
	(enhanced)	
+-----+		
 mm	Burmese	
 mm(zawgyi)	Burmese	
	(Zawgyi)	
 mm(mnw)	Mon	
 mm(mnw-a1)	Mon	
	(A1)	
 mm(shn)	Shan	
 mm(zgt)	Shan	
	(Zawgyi)	
+-----+		
 cn	Chinese	
 cn(altgr-pinyin)	Hanyu Pinyin Letters (with AltGr dead	
	keys)	
 cn(mon_trad)	Mongolian	
	(Bichig)	
 cn(mon_trad_todo)	Mongolian	
	(Todo)	
 cn(mon_trad_xibe)	Mongolian	
	(Xibe)	
 cn(mon_trad_manchu)	Mongolian	
	(Manchu)	
 cn(mon_trad_galik)	Mongolian	
	(Galik)	
 cn(mon_todo_galik)	Mongolian (Todo	
	Galik)	
 cn(mon_manchu_galik)	Mongolian (Manchu	
	Galik)	
 cn(tib)	Tibetan	
 cn(tib_asciiinum)	Tibetan (with ASCII	
	numerals)	
 cn(ug)	Uyghur	
+-----+		
 hr	Croatian	
 hr(alternatequotes)	Croatian (with	
	guillemets)	
 hr(unicode)	Croatian (with Croatian	
	digraphs)	

 hr(unicodeus)	Croatian (US, with Croatian digraphs)	
 hr(us)	Croatian (US)	
+-----+		
 cz	Czech	
 cz(bksl)	Czech (extra backslash)	
 cz(qwerty)	Czech (QWERTY)	
 cz(qwerty_bksl)	Czech (QWERTY, extra backslash)	
 cz(winkeys)	Czech (QWERTZ, Windows)	
 cz(winkeys-qwerty)	Czech (QWERTY, Windows)	
 cz(qwerty-mac)	Czech (QWERTY, Macintosh)	
 cz(ucw)	Czech (UCW, only accented letters)	
 cz(dvorak-ucw)	Czech (US, Dvorak, UCW support)	
 cz(rus)	Russian (Czechia, phonetic)	
+-----+		
 dk	Danish	
 dk(nodeadkeys)	Danish (no dead keys)	
 dk(winkeys)	Danish (Windows)	
 dk(mac)	Danish (Macintosh)	
 dk(mac_nodeadkeys)	Danish (Macintosh, no dead keys)	
 dk(dvorak)	Danish (Dvorak)	
+-----+		
 af	Dari	
 af(ps)	Pashto	
 af(uz)	Uzbek	

	(Afghanistan)	
af(fa-olpc)	Dari (Afghanistan,	
	OLPC)	
af(ps-olpc)	Pashto (Afghanistan,	
	OLPC)	
af(uz-olpc)	Uzbek (Afghanistan,	
	OLPC)	
+-----+		
mv	Dhivehi	
+-----+		
nl	Dutch	
nl(us)	Dutch	
	(US)	
nl(mac)	Dutch	
	(Macintosh)	
nl(std)	Dutch	
	(standard)	
+-----+		
bt	Dzongkha	
+-----+		
au	English	
	(Australia)	
+-----+		
cm	English	
	(Cameroon)	
cm(french)	French	
	(Cameroon)	
cm(qwerty)	Cameroon Multilingual (QWERTY,	
	intl.)	
cm(azerty)	Cameroon (AZERTY,	
	intl.)	
cm(dvorak)	Cameroon (Dvorak,	
	intl.)	
cm(mmuock)	Mmuock	
+-----+		
gh	English	
	(Ghana)	
gh(generic)	English (Ghana,	
	multilingual)	
gh(gillbt)	English (Ghana,	

	GILLBT	
gh(akan)	Akan	
gh(avn)	Avatime	
gh(ewe)	Ewe	
gh(fula)	Fula	
gh(ga)	Ga	
gh(hausa)	Hausa	
	(Ghana)	
+-----+		
nz	English (New	
	Zealand)	
nz(mao)	Maori	
+-----+		
ng	English	
	(Nigeria)	
ng(hausa)	Hausa	
	(Nigeria)	
ng(igbo)	Igbo	
ng(yoruba)	Yoruba	
+-----+		
za	English (South	
	Africa)	
+-----+		
gb	English	
	(UK)	
gb(extd)	English (UK, extended,	
	Windows)	
gb(intl)	English (UK, intl., with dead	
	keys)	
gb(dvorak)	English (UK,	
	Dvorak)	
gb(dvorakukp)	English (UK, Dvorak, with UK	
	punctuation)	
gb(mac)	English (UK,	
	Macintosh)	
gb(mac_intl)	English (UK, Macintosh,	
	intl.)	
gb(colemak)	English (UK,	
	Colemak)	
gb(colemak_dh)	English (UK,	

us(dvorak-classic)	English (classic	
	Dvorak)	
us(dvp)	English (programmer	
	Dvorak)	
us(dvorak-mac)	English (Dvorak,	
	Macintosh)	
us(norman)	English	
	(Norman)	
us(symbolic)	English (US,	
	Symbolic)	
us(workman)	English	
	(Workman)	
us(workman-intl)	English (Workman, intl., with dead	
	keys)	
us(olpc2)	English (the divide/multiply toggle the	
	layout)	
us(chr)	Cherokee	
us(haw)	Hawaiian	
us(rus)	Russian (US,	
	phonetic)	
us(hbs)	Serbo-Croatian	
	(US)	
+-----+		
epo	Esperanto	
epo(legacy)	Esperanto	
	(legacy)	
+-----+		
ee	Estonian	
ee(nodeadkeys)	Estonian (no dead	
	keys)	
ee(dvorak)	Estonian	
	(Dvorak)	
ee(us)	Estonian	
	(US)	
+-----+		
fo	Faroese	
fo(nodeadkeys)	Faroese (no dead	
	keys)	
+-----+		
ph	Filipino	

 ph(qwerty-bay)	Filipino (QWERTY, Baybayin)	
 ph(capewell-dvorak)	Filipino (Capewell-Dvorak, Latin)	
 ph(capewell-dvorak-bay)	Filipino (Capewell-Dvorak, Baybayin)	
 ph(capewell-qwerf2k6)	Filipino (Capewell-QWERF 2006, Latin)	
 ph(capewell-qwerf2k6-bay)	Filipino (Capewell-QWERF 2006, Baybayin)	
 ph(colemak)	Filipino (Colemak, Latin)	
 ph(colemak-bay)	Filipino (Colemak, Baybayin)	
 ph(dvorak)	Filipino (Dvorak, Latin)	
 ph(dvorak-bay)	Filipino (Dvorak, Baybayin)	
+-----+		
 fi	Finnish	
 fi(winkeys)	Finnish (Windows)	
 fi(classic)	Finnish (classic)	
 fi(nodeadkeys)	Finnish (classic, no dead keys)	
 fi(mac)	Finnish (Macintosh)	
 fi(smi)	Northern Saami (Finland)	
+-----+		
 fr	French	
 fr(nodeadkeys)	French (no dead keys)	
 fr(oss)	French (alt.)	
 fr(oss_nodeadkeys)	French (alt., no dead keys)	
 fr(oss_latin9)	French (alt., Latin-9 only)	

 fr(latin9)	French (legacy,	
	alt.)	
 fr(latin9_noadkeys)	French (legacy, alt., no dead	
	keys)	
 fr(azerty)	French	
	(AZERTY)	
 fr(afnor)	French (AZERTY,	
	AFNOR)	
 fr(bepo)	French	
	(BEPO)	
 fr(bepo_latin9)	French (BEPO, Latin-9	
	only)	
 fr(bepo_afnor)	French (BEPO,	
	AFNOR)	
 fr(dvorak)	French	
	(Dvorak)	
 fr(mac)	French	
	(Macintosh)	
 fr(us)	French	
	(US)	
 fr(bre)	Breton	
	(France)	
 fr(oci)	Occitan	
 fr(geo)	Georgian (France, AZERTY	
	Tskapo)	
+-----+-----+		
 ca	French	
	(Canada)	
 ca(fr-dvorak)	French (Canada,	
	Dvorak)	
 ca(fr-legacy)	French (Canada,	
	legacy)	
 ca(multix)	Canadian	
	(CSA)	
 ca(eng)	English	
	(Canada)	
 ca(ike)	Inuktitut	
+-----+-----+		
 cd	French (Democratic Republic of the	
	Congo)	

 tg	French	
	(Togo)	
+-----+		
 ge	Georgian	
 ge(ergonomic)	Georgian	
	(ergonomic)	
 ge(mess)	Georgian	
	(MESS)	
 ge(os)	Ossetian	
	(Georgia)	
 ge(ru)	Russian	
	(Georgia)	
+-----+		
 de	German	
 de(deadacute)	German (dead	
	acute)	
 de(deadgraveacute)	German (dead grave acute)	
 de(deadtildede)	German (dead	
	tilde)	
 de(nodeadkeys)	German (no dead	
	keys)	
 de(e1)	German	
	(E1)	
 de(e2)	German	
	(E2)	
 de(T3)	German	
	(T3)	
 de(us)	German	
	(US)	
 de(dvorak)	German	
	(Dvorak)	
 de(mac)	German	
	(Macintosh)	
 de(mac_nodeadkeys)	German (Macintosh, no dead	
	keys)	
 de(neo)	German (Neo	
	2)	
 de(qwerty)	German	
	(QWERTY)	

 de(dsb)	Lower	
	Sorbian	
 de(dsb_qwertz)	Lower Sorbian	
	(QWERTZ)	
 de(ro)	Romanian	
	(Germany)	
 de(ro_nodeadkeys)	Romanian (Germany, no dead	
	keys)	
 de(ru)	Russian (Germany,	
	phonetic)	
 de(tr)	Turkish	
	(Germany)	
+-----+		
 at	German	
	(Austria)	
 at(nodeadkeys)	German (Austria, no dead	
	keys)	
 at(mac)	German (Austria,	
	Macintosh)	
+-----+		
 ch	German	
	(Switzerland)	
 ch(de_nodeadkeys)	German (Switzerland, no dead	
	keys)	
 ch(de_mac)	German (Switzerland,	
	Macintosh)	
 ch(legacy)	German (Switzerland,	
	legacy)	
 ch(fr)	French	
	(Switzerland)	
 ch(fr_nodeadkeys)	French (Switzerland, no dead	
	keys)	
 ch(fr_mac)	French (Switzerland,	
	Macintosh)	
+-----+		
 gr	Greek	
 gr(simple)	Greek	
	(simple)	
 gr(nodeadkeys)	Greek (no dead	
	keys)	

 gr(polytonic)	Greek	
	(polytonic)	
+-----+		
 il	Hebrew	
 il(si2)	Hebrew	
	(SI-1452-2)	
 il(lyx)	Hebrew	
	(lyx)	
 il(phonetic)	Hebrew	
	(phonetic)	
 il(biblical)	Hebrew (Biblical,	
	Tiro)	
+-----+		
 hu	Hungarian	
 hu(standard)	Hungarian	
	(standard)	
 hu(nodeadkeys)	Hungarian (no dead	
	keys)	
 hu(qwerty)	Hungarian	
	(QWERTY)	
 hu(101_qwertz_comma_dead)	Hungarian (QWERTZ, 101-key, comma, dead	
	keys)	
 hu(101_qwertz_comma_nodead)	Hungarian (QWERTZ, 101-key, comma, no dead	
	keys)	
 hu(101_qwertz_dot_dead)	Hungarian (QWERTZ, 101-key, dot, dead	
	keys)	
 hu(101_qwertz_dot_nodead)	Hungarian (QWERTZ, 101-key, dot, no dead	
	keys)	
 hu(101_qwerty_comma_dead)	Hungarian (QWERTY, 101-key, comma, dead keys)	
 hu(101_qwerty_comma_nodead)	Hungarian (QWERTY, 101-key, comma, no dead	
	keys)	
 hu(101_qwerty_dot_dead)	Hungarian (QWERTY, 101-key, dot, dead	
	keys)	
 hu(101_qwerty_dot_nodead)	Hungarian (QWERTY, 101-key, dot, no dead	
	keys)	
 hu(102_qwertz_comma_dead)	Hungarian (QWERTZ, 102-key, comma, dead	
	keys)	
 hu(102_qwertz_comma_nodead)	Hungarian (QWERTZ, 102-key, comma, no dead	
	keys)	
 hu(102_qwertz_dot_dead)	Hungarian (QWERTZ, 102-key, dot, dead	

	keys)	
	hu(102_qwertz_dot_nodead) Hungarian (QWERTZ, 102-key, dot, no dead	
	keys)	
	hu(102_qwerty_comma_dead) Hungarian (QWERTY, 102-key, comma, dead keys)	
	hu(102_qwerty_comma_nodead) Hungarian (QWERTY, 102-key, comma, no dead	
	keys)	
	hu(102_qwerty_dot_dead) Hungarian (QWERTY, 102-key, dot, dead	
	keys)	
	hu(102_qwerty_dot_nodead) Hungarian (QWERTY, 102-key, dot, no dead	
	keys)	
+-----+		
	is Icelandic	
	is(mac_legacy) Icelandic (Macintosh,	
	legacy)	
	is(mac) Icelandic	
	(Macintosh)	
	is(dvorak) Icelandic	
	(Dvorak)	
+-----+		
	in Indian	
	in(asm-kagapa) Assamese (KaGaPa,	
	phonetic)	
	in(ben) Bangla	
	(India)	
	in(ben_probhat) Bangla (India,	
	Probhat)	
	in(ben_baishakhi) Bangla (India,	
	Baishakhi)	
	in(ben_bornona) Bangla (India,	
	Bornona)	
	in(ben-kagapa) Bangla (India, KaGaPa,	
	phonetic)	
	in(ben_gitanjali) Bangla (India,	
	Gitanjali)	
	in(ben_inscript) Bangla (India, Baishakhi	
	InScript)	
	in(eng) English (India, with	
	rupee)	
	in(guj) Gujarati	
	in(guj-kagapa) Gujarati (KaGaPa,	

	phonetic)	
	in(bolnagri)	
	Hindi	
	(Bolnagri)	
	in(hin-wx)	
	Hindi	
	(Wx)	
	in(hin-kagapa)	
	Hindi (KaGaPa,	
	phonetic)	
	in(kan)	
	Kannada	
	in(kan-kagapa)	
	Kannada (KaGaPa,	
	phonetic)	
	in(mal)	
	Malayalam	
	in(mal_lalitha)	
	Malayalam	
	(Lalitha)	
	in(mal_enhanced)	
	Malayalam (enhanced InScript, with	
	rupee)	
	in(mal_poorna)	
	Malayalam (Poorna, extended	
	InScript)	
	in(mni)	
	Manipuri	
	(Meitei)	
	in(mar-kagapa)	
	Marathi (KaGaPa,	
	phonetic)	
	in(marathi)	
	Marathi (enhanced	
	InScript)	
	in(ori)	
	Oriya	
	in(ori-bolnagri)	
	Oriya	
	(Bolnagri)	
	in(ori-wx)	
	Oriya	
	(Wx)	
	in(guru)	
	Punjabi	
	(Gurmukhi)	
	in(jhelum)	
	Punjabi (Gurmukhi	
	Jhelum)	
	in(san-kagapa)	
	Sanskrit (KaGaPa,	
	phonetic)	
	in(sat)	
	Santali (Ol	
	Chiki)	
	in(tamilnet)	
	Tamil (TamilNet	
	'99)	
	in(tamilnet_tamilnumbers)	
	Tamil (TamilNet '99 with Tamil	
	numerals)	

in(tamilnet_TAB)	Tamil (TamilNet '99, TAB encoding)	
in(tamilnet_TSCII)	Tamil (TamilNet '99, TSCII encoding)	
in(tam)	Tamil (InScript, with Arabic numerals)	
in(tam_tamilnumbers)	Tamil (InScript, with Tamil numerals)	
in(tel)	Telugu	
in(tel-kagapa)	Telugu (KaGaPa, phonetic)	
in(tel-sarala)	Telugu (Sarala)	
in(urd-phonetic)	Urdu (phonetic)	
in(urd-phonetic3)	Urdu (alt. phonetic)	
in(urd-winkeys)	Urdu (Windows)	
in(iipa)	Indic IPA	
+-----+		
id	Indonesian (Latin)	
id(melayu-phonetic)	Indonesian (Arab Melayu, phonetic)	
id(melayu-phoneticx)	Indonesian (Arab Melayu, extended phonetic)	
id(pegon-phonetic)	Indonesian (Arab Pegon, phonetic)	
id(javanese)	Javanese	
+-----+		
ie	Irish	
ie(UnicodeExpert)	Irish (UnicodeExpert)	
ie(CloGaelach)	CloGaelach	
ie(ogam)	Ogham	
ie(ogam_is434)	Ogham (IS434)	
+-----+		

 it	Italian	
 it(nodeadkeys)	Italian (no dead	
	keys)	
 it(winkeys)	Italian	
	(Windows)	
 it(mac)	Italian	
	(Macintosh)	
 it(us)	Italian	
	(US)	
 it(ibm)	Italian (IBM	
	142)	
 it(fur)	Friulian	
	(Italy)	
 it(scn)	Sicilian	
 it(geo)	Georgian	
	(Italy)	
+-----+-----+		
 jp	Japanese	
 jp(kana)	Japanese	
	(Kana)	
 jp(kana86)	Japanese (Kana	
	86)	
 jp(OADG109A)	Japanese (OADG	
	109A)	
 jp(mac)	Japanese	
	(Macintosh)	
 jp(dvorak)	Japanese	
	(Dvorak)	
+-----+-----+		
 kz	Kazakh	
 kz(kazrus)	Kazakh (with	
	Russian)	
 kz(ext)	Kazakh	
	(extended)	
 kz(latin)	Kazakh	
	(Latin)	
 kz(ruskaz)	Russian (Kazakhstan, with	
	Kazakh)	
+-----+-----+		
 kh	Khmer	

	(Cambodia)	
+-----+		
 kr	Korean	
 kr(kr104)	Korean (101/104-key compatible)	
+-----+		
 kg	Kyrgyz	
 kg(phonetic)	Kyrgyz (phonetic)	
+-----+		
 la	Lao	
 la(stea)	Lao (STEA)	
+-----+		
 lv	Latvian	
 lv(apostrophe)	Latvian (apostrophe)	
 lv(tilde)	Latvian (tilde)	
 lv(fkey)	Latvian (F)	
 lv(modern)	Latvian (Modern Latin)	
 lv(modern-cyr)	Latvian (Modern Cyrillic)	
 lv(ergonomic)	Latvian (ergonomic, UGJRMV)	
 lv(adapted)	Latvian (adapted)	
+-----+		
 lt	Lithuanian	
 lt(std)	Lithuanian (standard)	
 lt(us)	Lithuanian (US)	
 lt(ibm)	Lithuanian (IBM)	
 lt(lekp)	Lithuanian (LEKP)	
 lt(lekpa)	Lithuanian	

	(LEKPa)	
lt(ratise)	Lithuanian	
	(Ratise)	
lt(sgs)	Samogitian	
+-----+		
mk	Macedonian	
mk(nodeadkeys)	Macedonian (no dead keys)	
+-----+		
my	Malay (Jawi, Arabic Keyboard)	
my(phonetic)	Malay (Jawi, phonetic)	
+-----+		
mt	Maltese	
mt(us)	Maltese (US)	
mt(alt-us)	Maltese (US, with AltGr overrides)	
mt(alt-gb)	Maltese (UK, with AltGr overrides)	
+-----+		
md	Moldavian	
md(gag)	Gagauz (Moldova)	
+-----+		
mn	Mongolian	
+-----+		
me	Montenegrin	
me(cyrillic)	Montenegrin (Cyrillic)	
me(cyrillicyz)	Montenegrin (Cyrillic, ZE and ZHE swapped)	
me(cyrillicalternatequotes)	Montenegrin (Cyrillic, with guillemets)	
me(latinunicode)	Montenegrin (Latin, Unicode)	
me(latinyz)	Montenegrin (Latin, QWERTY)	
me(latinunicodeyz)	Montenegrin (Latin, Unicode,	

	QWERTY)	
me(latinalternatequotes)	Montenegrin (Latin, with guillemets)	
+-----+		
np	Nepali	
+-----+		
gn	N'Ko (AZERTY)	
+-----+		
no	Norwegian	
no(nodeadkeys)	Norwegian (no dead keys)	
no(winkeys)	Norwegian (Windows)	
no(mac)	Norwegian (Macintosh)	
no(mac_nodeadkeys)	Norwegian (Macintosh, no dead keys)	
no(colemak)	Norwegian (Colemak)	
no(colemak_dh)	Norwegian (Colemak-DH)	
no(colemak_dh_wide)	Norwegian (Colemak-DH Wide)	
no(dvorak)	Norwegian (Dvorak)	
no(smi)	Northern Saami (Norway)	
no(smi_nodeadkeys)	Northern Saami (Norway, no dead keys)	
+-----+		
ir	Persian	
ir(pes_keypad)	Persian (with Persian keypad)	
ir(winkeys)	Persian (Windows)	
ir(azb)	Azerbaijani (Iran)	
ir(ku)	Kurdish (Iran, Latin Q)	

 ir(ku_alt)	Kurdish (Iran, Latin	
	Alt-Q)	
 ir(ku_f)	Kurdish (Iran,	
	F)	
 ir(ku_ara)	Kurdish (Iran,	
	Arabic-Latin)	
+-----+-----+		
 pl	Polish	
 pl(legacy)	Polish	
	(legacy)	
 pl(qwertz)	Polish	
	(QWERTZ)	
 pl(dvorak)	Polish	
	(Dvorak)	
 pl(dvorak_quotes)	Polish (Dvorak, with Polish quotes on quotemark	
	key)	
 pl(dvorak_altquotes)	Polish (Dvorak, with Polish quotes on key	
	1)	
 pl(dvp)	Polish (programmer	
	Dvorak)	
 pl(csb)	Kashubian	
 pl(szl)	Silesian	
 pl(ru_phonetic_dvorak)	Russian (Poland, phonetic	
	Dvorak)	
+-----+-----+		
 pt	Portuguese	
 pt(nodeadkeys)	Portuguese (no dead	
	keys)	
 pt(mac)	Portuguese	
	(Macintosh)	
 pt(mac_nodeadkeys)	Portuguese (Macintosh, no dead	
	keys)	
 pt(nativo)	Portuguese	
	(Nativo)	
 pt(nativo-us)	Portuguese (Nativo for US	
	keyboards)	
 pt(nativo-epo)	Esperanto (Portugal,	
	Nativo)	
+-----+-----+		
 br	Portuguese	

	(Brazil)	
br(nodeadkeys)	Portuguese (Brazil, no dead	
	keys)	
br(dvorak)	Portuguese (Brazil,	
	Dvorak)	
br(nativo)	Portuguese (Brazil,	
	Nativo)	
br(nativo-us)	Portuguese (Brazil, Nativo for US	
	keyboards)	
br(thinkpad)	Portuguese (Brazil, IBM/Lenovo	
	ThinkPad)	
br(nativo-epo)	Esperanto (Brazil,	
	Nativo)	
br(rus)	Russian (Brazil,	
	phonetic)	
+-----+		
ro	Romanian	
ro(std)	Romanian	
	(standard)	
ro(winkeys)	Romanian	
	(Windows)	
+-----+		
ru	Russian	
ru(phonetic)	Russian	
	(phonetic)	
ru(phonetic_winkeys)	Russian (phonetic,	
	Windows)	
ru(phonetic_YAZHERTY)	Russian (phonetic,	
	YAZHERTY)	
ru(phonetic_azerty)	Russian (phonetic,	
	AZERTY)	
ru(phonetic_dvorak)	Russian (phonetic,	
	Dvorak)	
ru(typewriter)	Russian	
	(typewriter)	
ru(ruchey_ru)	Russian (engineering,	
	RU)	
ru(ruchey_en)	Russian (engineering,	
	EN)	
ru(legacy)	Russian	

	QWERTY)	
rs(rue)	Pannonian	
	Rusyn	
+-----+		
lk	Sinhala	
	(phonetic)	
lk(us)	Sinhala	
	(US)	
lk(tam_unicode)	Tamil (Sri Lanka, TamilNet	
	'99)	
lk(tam_TAB)	Tamil (Sri Lanka, TamilNet '99, TAB	
	encoding)	
+-----+		
sk	Slovak	
sk(bksl)	Slovak (extra	
	backslash)	
sk(qwerty)	Slovak	
	(QWERTY)	
sk(qwerty_bksl)	Slovak (QWERTY, extra	
	backslash)	
+-----+		
si	Slovenian	
si(alternatequotes)	Slovenian (with	
	guillemets)	
si(us)	Slovenian	
	(US)	
+-----+		
es	Spanish	
es(nodeadkeys)	Spanish (no dead	
	keys)	
es(deadtilde)	Spanish (dead	
	tilde)	
es(winkeys)	Spanish	
	(Windows)	
es(dvorak)	Spanish	
	(Dvorak)	
es(ast)	Asturian (Spain, with bottom-dot H and	
	L)	
es(cat)	Catalan (Spain, with middle-dot	
	L)	

 latam	Spanish (Latin American)	
 latam(nodeadkeys)	Spanish (Latin American, no dead keys)	
 latam(deadtilde)	Spanish (Latin American, dead tilde)	
 latam(dvorak)	Spanish (Latin American, Dvorak)	
 latam(colemak)	Spanish (Latin American, Colemak)	
 ke	Swahili (Kenya)	
 ke(kik)	Kikuyu	
 tz	Swahili (Tanzania)	
 se	Swedish	
 se(nodeadkeys)	Swedish (no dead keys)	
 se(dvorak)	Swedish (Dvorak)	
 se(us_dvorak)	Swedish (Dvorak, intl.)	
 se(svdvorak)	Swedish (Svdvorak)	
 se(mac)	Swedish (Macintosh)	
 se(us)	Swedish (US)	
 se(sw1)	Swedish Sign Language	
 se(smi)	Northern Saami (Sweden)	
 se(rus)	Russian (Sweden, phonetic)	
 tw	Taiwanese	

 tw(indigenous)	Taiwanese	
	(indigenous)	
 tw(saisiyat)	Saisiyat	
	(Taiwan)	
+-----+		
 tj	Tajik	
 tj(legacy)	Tajik	
	(legacy)	
+-----+		
 th	Thai	
 th(tis)	Thai	
	(TIS-820.2538)	
 th(pat)	Thai	
	(Pattachote)	
+-----+		
 bw	Tswana	
+-----+		
 tm	Turkmen	
 tm(alt)	Turkmen	
	(Alt-Q)	
+-----+		
 tr	Turkish	
 tr(f)	Turkish	
	(F)	
 tr(e)	Turkish	
	(E)	
 tr(alt)	Turkish	
	(Alt-Q)	
 tr(intl)	Turkish (intl., with dead	
	keys)	
 tr(ku)	Kurdish (Turkey, Latin	
	Q)	
 tr(ku_f)	Kurdish (Turkey,	
	F)	
 tr(ku_alt)	Kurdish (Turkey, Latin	
	Alt-Q)	
+-----+		
 ua	Ukrainian	
 ua(phonetic)	Ukrainian	
	(phonetic)	

 ua(typewriter)	Ukrainian	
	(typewriter)	
 ua(winkeys)	Ukrainian	
	(Windows)	
 ua(macOS)	Ukrainian	
	(macOS)	
 ua(legacy)	Ukrainian	
	(legacy)	
 ua(homophonic)	Ukrainian	
	(homophonic)	
 ua(crh)	Crimean Tatar (Turkish	
	Q)	
 ua(crh_f)	Crimean Tatar (Turkish	
	F)	
 ua(crh_alt)	Crimean Tatar (Turkish	
	Alt-Q)	
+-----+		
 pk	Urdu	
	(Pakistan)	
 pk(urd-crulp)	Urdu (Pakistan,	
	CRULP)	
 pk(urd-nla)	Urdu (Pakistan,	
	NLA)	
 pk(ara)	Arabic	
	(Pakistan)	
 pk(snd)	Sindhi	
+-----+		
 uz	Uzbek	
 uz(latin)	Uzbek	
	(Latin)	
+-----+		
 vn	Vietnamese	
 vn(us)	Vietnamese	
	(US)	
 vn(fr)	Vietnamese	
	(France)	
+-----+		
 sn	Wolof	
+-----+		
 custom	A user-defined custom	

```

|                                     |
|                                     |
|                                     |
+-----+

```

OPTIONS

Switching to another layout

Option	Description
grp:switch	Right Alt (while pressed)
grp:lswitch	Left Alt (while pressed)
grp:lwin_switch	Left Win (while pressed)
grp:rwin_switch	Right Win (while pressed)
grp:win_switch	Any Win (while pressed)
grp:menu_switch	Menu (while pressed), Shift+Menu for Menu
grp:caps_switch	Caps Lock (while pressed), Alt+Caps Lock for the original Caps Lock action
grp:rctrl_switch	Right Ctrl (while pressed)
grp:toggle	Right Alt
grp:lalt_toggle	Left Alt
grp:caps_toggle	Caps Lock
grp:shift_caps_toggle	Shift+Caps Lock
grp:caps_select	Caps Lock to first layout; Shift+Caps Lock to second layout
grp:win_menu_select	Left Win to first layout; Right Win/Menu to second layout
grp:ctrl_select	Left Ctrl to first layout; Right Ctrl to second

	layout	
grp:alt_caps_toggle	Alt+Caps	
	Lock	
grp:shifts_toggle	Both Shifts	
	together	
grp:alts_toggle	Both Alts	
	together	
grp:alt_altgr_toggle	Both Alts together; AltGr alone chooses third	
	level	
grp:ctrls_toggle	Both Ctrls	
	together	
grp:ctrl_shift_toggle	Ctrl+Shift	
grp:lctrl_lshift_toggle	Left Ctrl+Left	
	Shift	
grp:rctrl_rshift_toggle	Right Ctrl+Right	
	Shift	
grp:ctrl_alt_toggle	Alt+Ctrl	
grp:alt_shift_toggle	Alt+Shift	
grp:lalt_lshift_toggle	Left Alt+Left	
	Shift	
grp:ralt_rshift_toggle	Right Alt+Right	
	Shift	
grp:menu_toggle	Menu	
grp:lwin_toggle	Left	
	Win	
grp:alt_space_toggle	Alt+Space	
grp:win_space_toggle	Win+Space	
grp:ctrl_space_toggle	Ctrl+Space	
grp:rwin_toggle	Right	
	Win	
grp:lshift_toggle	Left	
	Shift	
grp:rshift_toggle	Right	
	Shift	
grp:lctrl_toggle	Left	
	Ctrl	
grp:rctrl_toggle	Right	
	Ctrl	
grp:sclk_toggle	Scroll	
	Lock	

grp:lctrl_lwin_rctrl_menu	Ctrl+Left Win to first layout; Ctrl+Menu to second layout	
grp:lctrl_lwin_toggle	Left Ctrl+Left Win	

Key to choose the 2nd level

Option	Description	
lv2:lsgt_switch	The "<>" key	

Key to choose the 3rd level

Option	Description	
lv3:switch	Right Ctrl	
lv3:menu_switch	Menu	
lv3:win_switch	Any Win	
lv3:lwin_switch	Left Win	
lv3:rwin_switch	Right Win	
lv3:alt_switch	Any Alt	
lv3:lalt_switch	Left Alt	
lv3:ralt_switch	Right Alt	
lv3:ralt_switch_multikey	Right Alt; Shift+Right Alt as Compose	
lv3:ralt_alt	Right Alt never chooses 3rd	

	level
 lv3:enter_switch	Enter on keypad
	keypad
 lv3:caps_switch	Caps Lock
	Lock
 lv3:bksl_switch	Backslash
 lv3:lsgt_switch	The "<>" key
	key
 lv3:caps_switch_latch	Caps Lock; acts as onetime lock when pressed together with another 3rd-level chooser
	3rd-level chooser
 lv3:bksl_switch_latch	Backslash; acts as onetime lock when pressed together with another 3rd level chooser
	level chooser
 lv3:lsgt_switch_latch	The "<>" key; acts as onetime lock when pressed together with another 3rd level chooser
	3rd level chooser

Ctrl position

Option	Description
 ctrl:nocaps	Caps Lock as Ctrl
	Ctrl
 ctrl:lctrl_meta	Left Ctrl as Meta
	Meta
 ctrl:swapcaps	Swap Ctrl and Caps Lock
	Lock
 ctrl:hyper_capscontrol	Caps Lock as Ctrl, Ctrl as Hyper
	Hyper
 ctrl:ac_ctrl	To the left of "A"
	"A"
 ctrl:aa_ctrl	At the bottom left
	left
 ctrl:rctrl_ralt	Right Ctrl as Right Alt
	Alt
 ctrl:menu_rctrl	Menu as Right Ctrl
	Ctrl
 ctrl:swap_lalt_lctl	Swap Left Alt with Left Ctrl
	Ctrl

ctrl:swap_ralt_rctl	Swap Right Alt with Right Ctrl	
ctrl:swap_lwin_lctl	Swap Left Win with Left Ctrl	
ctrl:swap_rwin_rctl	Swap Right Win with Right Ctrl	
ctrl:swap_lalt_lctl_lwin	Left Alt as Ctrl, Left Ctrl as Win, Left Win as Left Alt	

Use keyboard LED to show alternative layout

Option	Description	
grp_led:num	Num Lock	
grp_led:caps	Caps Lock	
grp_led:scroll	Scroll Lock	

Use keyboard LED to indicate modifiers

Option	Description	
mod_led:compose	Compose	

Layout of numeric keypad

Option	Description	
keypad:legacy	Legacy	

 keypad:oss	Unicode arrows and math operators
 keypad:future	Unicode arrows and math operators on default level
 keypad:legacy_wang	Legacy Wang 724
 keypad:oss_wang	Wang 724 keypad with Unicode arrows and math operators
 keypad:future_wang	Wang 724 keypad with Unicode arrows and math operators on default level
 keypad:hex	Hexadecimal
 keypad:atm	Phone and ATM style

Numeric keypad Delete behavior

 Option	Description
 kpd:dot	Legacy key with dot
 kpd:comma	Legacy key with comma
 kpd:dotoss	Four-level key with dot
 kpd:dotoss_latin9	Four-level key with dot, Latin-9 only
 kpd:commaoss	Four-level key with comma
 kpd:momayyezoss	Four-level key with momayyez
 kpd:kposs	Four-level key with abstract separators
 kpd:semi	Semicolon on third level

Caps Lock behavior

Option	Description
 caps:internal	Caps Lock uses internal capitalization; Shift "pauses" Caps Lock
 caps:internal_nocancel	Caps Lock uses internal capitalization; Shift does not affect Caps Lock
 caps:shift	Caps Lock acts as Shift with locking; Shift "pauses" Caps Lock
 caps:shift_nocancel	Caps Lock acts as Shift with locking; Shift does not affect Caps Lock
 caps:capslock	Caps Lock toggles normal capitalization of alphabetic characters
 caps:shiftlock	Caps Lock toggles Shift Lock (affects all keys)
 caps:swapescape	Swap Esc and Caps Lock
 caps:escape	Make Caps Lock an additional Esc
 caps:escape_shifted_capslock	Make Caps Lock an additional Esc, but Shift + Caps Lock is the regular Caps Lock
 caps:backspace	Make Caps Lock an additional Backspace
 caps:super	Make Caps Lock an additional Super
 caps:hyper	Make Caps Lock an additional Hyper
 caps:menu	Make Caps Lock an additional Menu key
 caps:numlock	Make Caps Lock an additional Num Lock
 caps:ctrl_modifier	Make Caps Lock an additional Ctrl
 caps:none	Caps Lock is disabled

Alt and Win behavior

Option	Description
altwin:menu	Add the standard behavior to Menu key
altwin:menu_win	Menu is mapped to Win
altwin:meta_alt	Alt and Meta are on Alt
altwin:alt_win	Alt is mapped to Win and the usual Alt
altwin:ctrl_win	Ctrl is mapped to Win and the usual Ctrl
altwin:ctrl_rwin	Ctrl is mapped to Right Win and the usual Ctrl
altwin:ctrl_alt_win	Ctrl is mapped to Alt, Alt to Win
altwin:meta_win	Meta is mapped to Win
altwin:left_meta_win	Meta is mapped to Left Win
altwin:hyper_win	Hyper is mapped to Win
altwin:alt_super_win	Alt is mapped to Right Win, Super to Menu
altwin:swap_lalt_lwin	Left Alt is swapped with Left Win
altwin:swap_alt_win	Alt is swapped with Win
altwin:prtsc_rwin	Win is mapped to PrtSc and the usual Win

Position of Compose key

Option	Description
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compose:ralt	Right
	Alt
compose:lwin	Left
	Win
compose:lwin-altgr	3rd level of Left
	Win
compose:rwin	Right
	Win
compose:rwin-altgr	3rd level of Right
	Win
compose:menu	Menu
compose:menu-altgr	3rd level of
	Menu
compose:lctrl	Left
	Ctrl
compose:lctrl-altgr	3rd level of Left
	Ctrl
compose:rctrl	Right
	Ctrl
compose:rctrl-altgr	3rd level of Right
	Ctrl
compose:caps	Caps
	Lock
compose:caps-altgr	3rd level of Caps
	Lock
compose:102	The "<>"
	key
compose:102-altgr	3rd level of the "<>"
	key
compose:paus	Pause
compose:ins	Insert
compose:prsc	PrtSc
compose:sclk	Scroll
	Lock

Compatibility options

Option	Description
numpad:pc	Default numeric keypad keys
numpad:mac	Numeric keypad always enters digits (as in macOS)
numpad:microsoft	Num Lock on: digits; Shift for arrows. Num Lock off: arrows (as in Windows)
numpad:shift3	Shift does not cancel Num Lock, chooses 3rd level instead
srvrkeys:none	Special keys (Ctrl+Alt+<key>) handled in a server
apple:alupckey	Apple Aluminium emulates Pause, PrtSc, Scroll Lock
apple:jp_oadg109a	Japanese Apple keyboards emulate OADG109A backslash
apple:jp_pc106	Japanese Apple keyboards emulate PC106 backslash
shift:breaks_caps	Shift cancels Caps Lock
misc:typo	Enable extra typographic characters
misc:apl	Enable APL overlay characters
shift:both_capslock	Both Shifts together enable Caps Lock
shift:both_capslock_cancel	Both Shifts together enable Caps Lock; one Shift key disables it
shift:both_shiftlock	Both Shifts together enable Shift Lock
keypad:pointerkeys	Shift + Num Lock enables PointerKeys
grab:break_actions	Allow breaking grabs with keyboard actions (warning: security risk)
grab:debug	Allow grab and window tree logging

Currency signs

Option	Description
 eurosign:e	Euro on E
 eurosign:2	Euro on 2
 eurosign:4	Euro on 4
 eurosign:5	Euro on 5
 rupeesign:4	Rupee on 4

Key to choose the 5th level

Option	Description
 lv5:caps_switch	Caps Lock chooses 5th level
 lv5:lsgt_switch	The "<>" key chooses 5th level
 lv5:ralt_switch	Right Alt chooses 5th level
 lv5:menu_switch	Menu chooses 5th level
 lv5:rctrl_switch	Right Ctrl chooses 5th level
 lv5:lsgt_switch_lock	The "<>" key chooses 5th level and acts as a one-time lock if pressed with another 5th level chooser
 lv5:ralt_switch_lock	Right Alt chooses 5th level and acts as a one-time lock if pressed with another 5th level chooser
 lv5:lwin_switch_lock	Left Win chooses 5th level and acts as a one-time lock if pressed with another 5th level chooser
 lv5:rwin_switch_lock	Right Win chooses 5th level and acts as a one-time lock if pressed with

| another 5th level chooser |

Non-breaking space input

Option	Description
 nbsp:none	Usual space at any level
 nbsp:level2	Non-breaking space at the 2nd level
 nbsp:level3	Non-breaking space at the 3rd level
 nbsp:level3n	Non-breaking space at the 3rd level, thin non-breaking space at the 4th level
 nbsp:level4	Non-breaking space at the 4th level
 nbsp:level4n	Non-breaking space at the 4th level, thin non-breaking space at the 6th level
 nbsp:level4nl	Non-breaking space at the 4th level, thin non-breaking space at the 6th level (via Ctrl+Shift)
 nbsp:zwnj2	Zero-width non-joiner at the 2nd level
 nbsp:zwnj2zwj3	Zero-width non-joiner at the 2nd level, zero-width joiner at the 3rd level
 nbsp:zwnj2zwj3nb4	Zero-width non-joiner at the 2nd level, zero-width joiner at the 3rd level, non-breaking space at the 4th level
 nbsp:zwnj2nb3	Zero-width non-joiner at the 2nd level, non-breaking space at the 3rd level
 nbsp:zwnj2nb3zwj4	Zero-width non-joiner at the 2nd level, non-breaking space at the 3rd level, zero-width joiner at the 4th level
 nbsp:zwnj2nb3nnb4	Zero-width non-joiner at the 2nd level, non-breaking space at the 3rd level, thin non-breaking space at the 4th level
 nbsp:zwnj3zwj4	Zero-width non-joiner at the 3rd level, zero-width joiner at the 4th level

Japanese keyboard options

Option	Description
<code>!japan:kana_lock</code>	Kana Lock key is locking
<code>!japan:nicola_f_bs</code>	NICOLA-F style Backspace
<code>!japan:hztg_escape</code>	Make Zenkaku Hankaku an additional Esc

Korean Hangul/Hanja keys

Option	Description
<code>!korean:ralt_hangul</code>	Make right Alt a Hangul key
<code>!korean:rctrl_hangul</code>	Make right Ctrl a Hangul key
<code>!korean:ralt_hanja</code>	Make right Alt a Hanja key
<code>!korean:rctrl_hanja</code>	Make right Ctrl a Hanja key

Esperanto letters with superscripts

Option	Description
<code>!esperanto:qwerty</code>	At the corresponding key in a QWERTY layout
<code>!esperanto:dvorak</code>	At the corresponding key in a Dvorak layout
<code>!esperanto:colemak</code>	At the corresponding key in a Colemak layout

layout

Old Solaris keycodes compatibility

Option	Description
solaris:sun_compat	Sun key compatibility

Key sequence to kill the X server

Option	Description
terminate:ctrl_alt_bksp	Ctrl+Alt+Backspace

Miscellaneous options

Option	Description
custom:types	Use user-defined custom XKB types

FILES

/usr/local/share/X11/xkb/compat

/usr/local/share/X11/xkb/compiled

/usr/local/share/X11/xkb/geometry

/usr/local/share/X11/xkb/keycodes

/usr/local/share/X11/xkb/keymap

/usr/local/share/X11/xkb/rules

/usr/local/share/X11/xkb/semantics

/usr/local/share/X11/xkb/symbols

/usr/local/share/X11/xkb/types

SEE ALSO

setxkbmap(1)