

Keyboard shortcuts for Windows, Macintosh, and Linux

Action	Windows XP/Windows Vista	Mac OS	KDE	GNOME
Activate Menu bar	Alt , or F10	Ctrl + F2		
File menu	Alt + F		Alt + F	Alt + F
Edit menu	Alt + E		Alt + E	Alt + E
View menu	Alt + V		Alt + V	Alt + V
Undo the last operation	Ctrl + Z	⌘ Cmd + Z	Ctrl + Z	Ctrl + Z
Redo the last operation	Ctrl + Y	⇧ Shift + ⌘ Cmd + Z	⇧ Shift + Ctrl + Z	⇧ Shift + Ctrl + Z
Cut the selected area and store it in the clipboard	Ctrl + X , or ⇧ Shift + Del	⌘ Cmd + X	Ctrl + X	Ctrl + X
Copy the selected area into the clipboard	Ctrl + C , or Ctrl + Ins	⌘ Cmd + C	Ctrl + C	Ctrl + C
Paste contents of clipboard at cursor	Ctrl + V , or ⇧ Shift + Ins	⌘ Cmd + V	Ctrl + V	Ctrl + V
Select everything in focused control or window	Ctrl + A	⌘ Cmd + A		

Text editing

You can combine any of these commands with ⇧ Shift to select text from the current position to the position you will move to.

Action	Windows XP/Windows Vista	Mac OS	KDE	GNOME
start of line	Home	⌘ Cmd + ←	Home	Home
end of line	End	⌘ Cmd + →	End	End
start of document	Ctrl + Home	Home (scroll only, cursor not moved)	Ctrl + Home	Ctrl + Home
end of document	Ctrl + End	End (scroll only, cursor not moved)	Ctrl + End	Ctrl + End
previous word	Ctrl + ←	⌘ Cmd + ←	Ctrl + ←	Ctrl + ←
next word	Ctrl + →	⌘ Cmd + →	Ctrl + →	Ctrl + →
previous line break	Ctrl + ↑	⌘ Cmd + ↑	Ctrl + ↑ (kword)	Ctrl + ↑
next line break	Ctrl + ↓	⌘ Cmd + ↓	Ctrl + ↓ (kword)	Ctrl + ↓

Web browsers

Action	Windows XP/Windows Vista	Mac OS	KDE	GNOME
Bookmarks menu	Alt + B	⌘ Cmd + ⌥ Opt + B	Alt + B	Alt + B
URL Shortcuts (Adds www + .com)	Ctrl + Enter	⌘ Cmd + Enter	Ctrl + Enter	Ctrl + Enter
URL Shortcuts (Adds www + .org)	Ctrl + ⬆ Shift + Enter	⬆ Shift + ⌘ Cmd + Enter	Ctrl + ⬆ Shift + Enter	Ctrl + ⬆ Shift + Enter
URL Shortcuts (Adds www + .net)	⬆ Shift + Enter	⬆ Shift + Enter	⬆ Shift + Enter	⬆ Shift + Enter
Add a bookmark for the current location	Ctrl + D	⌘ Cmd + D	Ctrl + B	Ctrl + D
Manage bookmarks	Ctrl + B	⌘ Cmd + ⌥ Opt + B (Safari)		Ctrl + B
Reload page from cache	F5	⌘ Cmd + R		Ctrl + R
Reload page bypassing cache	Ctrl + F5	⬆ Shift + ⌘ Cmd + R	F5	Ctrl + Shift + R

Go menu

Action	Windows XP/Windows Vista	Mac OS	KDE	GNOME
Go to Browser		Cmd + L		
Go to the previous location in history	Alt + ⬅ or Backspace (Internet Explorer)	Cmd + [or Cmd + ⬅	Alt + ⬅	Alt + ⬅
Go to the next location in history	Alt + ➡	Cmd +] or Cmd + ➡	Alt + ➡	Alt + ➡
Go up one level in the navigation hierarchy	Alt + ⬆ (Vista only) or Backspace (Windows Explorer)	Cmd + ⬆	Alt + ⬆	Alt + ⬆
Go to the starting page defined by the user or application	Alt + Home	Cmd + Home	Ctrl + Home	Alt + Home
Go back a page		Cmd + {		

Text formatting

Action	Windows XP/Windows Vista	Mac OS	KDE	GNOME
Make selected text bold/regular	Ctrl + B	Cmd + B	Ctrl + B	Ctrl + B
Toggle underlining of selected text	Ctrl + U	Cmd + U	Ctrl + U	Ctrl + U
Make selected text italic/regular	Ctrl + I	Cmd + I	Ctrl + I	Ctrl + I

Change to upper/lower case

Shift + F3

Opt + Cmd + C

Make selected text superscript

Ctrl + Shift + +

Make selected text subscript

Ctrl + _

Window management

Action 

Windows
XP/Windows
Vista 

Mac OS 

KDE 

GNOME 

Switch to next/previous
focused window

Alt + Tab /

Cmd + Tab /

Alt + Tab /

Alt + Tab /

Switch focus to the
next/previous window
(without dialog)

Shift + Alt + Tab

Shift + Cmd + Tab

Shift + Alt + Tab

Shift + Alt + Tab

Switch focus to the
next/previous panel on
the desktop

Alt + Esc /

Ctrl + F4 or
Cmd + ~

Alt + Esc /

Switch focus to the
next/previous panel
(without dialog)

Shift + Alt + Esc

Shift + Alt + Esc

Pop up window menu

Alt + Space

Alt + F3

Alt + Space

Close the focused window

Alt + F4 or Ctrl + F4
or Alt + Space then
C or Ctrl + W

Cmd + W

Alt + F4

Alt + F4

Restore the focused
window to its previous
size

Alt + F5

Move the focused window

Alt + Space then M
then Arrow Keys

Alt + F7

Resize the focused
window

Alt + Space then S
then Arrow Keys

Alt + F8

Minimize the focused
window

Alt + Space then N

Cmd + M

Win + -

Alt + F9

Maximize the focused
window

Alt + Space then X

Win + +

Alt + F10

Maximize horizontally

Win + =

Maximize vertically

Win + Space

Minimize all

Win + M

Cmd + Alt + M

Ctrl + Alt + D

Ctrl + Alt + D

Undo minimize all






Shift + Win + M

Ctrl + Alt + D

Ctrl + Alt + D

Switch fullscreen/normal size	F11	F11		
Show the window in full screen mode, with no border, menubar, toolbar or statusbar		<i>Depends on application</i>	Ctrl + Shift + F	Ctrl + F11
Rollup/down window		Cmd + M	Win + _	Alt + F12
Move window to left/right/up/down workspace	win + ctrl + arrow keys			Shift + Alt + Left / Right / Up / Down
Move window to desktop X			Win + Alt + FX	
Switch to next/previous desktop		Fn + Right / Fn + Left (Leopard)	Win + Tab / Win + Shift + Tab	
Switch to next/previous desktop list			Ctrl + Tab / Shift + Ctrl + Tab	
Go to desktop X			Ctrl + FX / Shift + Ctrl + FX	
Go to left/right/up/down desktop				Ctrl + Alt + Left / Right / Up / Down
Show / hide desktop	Win + D	F11	Ctrl + Alt + D	Ctrl + Alt + D
Activate window demanding attention			Ctrl + Alt + A	
Kill window	Alt + F4 or Ctrl + F4 <i>varies</i>	Cmd + Alt + Esc	Ctrl + Alt + Esc	
Close dialog	Esc	Esc		

Widget navigation

Action 	<u>Windows</u> <u>XP/Windows</u> <u>Vista</u> 	<u>Mac</u> <u>OS</u> 	<u>KDE</u> 	<u>GNOME</u> 
Moves keyboard focus to next/previous control	Tab / Shift + Tab		Tab / Shift + Tab	Tab / Shift + Tab
Pop up tooltip for currently-focused control	Shift + F1			Ctrl + F1
Show context-sensitive help for currently-focused window or control	Shift + F1	Cmd + ?	Shift + F1	Shift + F1
Give focus to next/previous pane	Ctrl + F6 / Alt + F6	Cmd + `		F6 / Shift + F6

Give focus to splitter bar in paned window

F8

Give focus to window's menu bar

F10 or Alt

Ctrl + F2

Alt

F10

Pop up [contextual menu](#) for currently-selected objects

Shift + F10 or Menu

Menu

Shift + F10

Toggle selected state of focused checkbox, radio button, or toggle button

Space

Space

Space

Space

Activate focused button, menu item etc.

Enter

Enter

Enter

Enter

Select/move to first/last item in selected widget

Home / End

Home / End

Scroll selected view by one page up/left/down/right

PageUp /

Ctrl + PageUp /

PageDown /

Ctrl + PageDown

Tab management

Action 

[Windows](#)
[XP/Windows](#)
[Vista](#) 

[Mac OS](#) 

[KDE](#) 

[GNOME](#) 

Create new tab

Ctrl + T

Cmd + T

Ctrl + Shift + N or
Ctrl + T

Ctrl + T

Close current tab

Ctrl + W

Cmd + W

Ctrl + W

Go to next/previous tab

Ctrl + Tab /
Ctrl + Shift + Tab

Cmd + { / Cmd + } or
Cmd + Shift + Left /
Cmd + Shift + Right ([Safari](#))

Ctrl + , / Ctrl + .

Ctrl + PageUp /
Ctrl + PageDown

Desktop navigation

Action 

[Windows](#)
[XP/Windows](#)
[Vista](#) 

[Mac OS](#) 

[KDE](#) 

[GNOME](#) 

Run new application

Win + R

Alt + F2

Alt + F2

Open new browser window with same page as current

Ctrl + N

Cmd + N (Non-default user option in Safari)

[Start menu](#) / Applications menu

Win or Ctrl + Esc

Cmd + Shift + A

Alt + F1

Alt + F1

Copy a screenshot to clipboard

Print Screen or
Ctrl + Print Screen

Cmd + Ctrl + Shift + 3
(Cmd + Shift + 3 to create as a file on the desktop)

Ctrl + Print

Print

Copy a screenshot of

Alt + Print Screen

Cmd + Ctrl + Shift + 4 then Space

Alt + Print

Alt + Print

window to clipboard

(**Cmd** + **Shift** + **4** to create as a file on the desktop)

Lock desktop	Win + L or Ctrl + Alt + Space		Ctrl + Alt + L	Ctrl + Alt + L
Show desktop	Win + D	F11	Ctrl + Alt + D	Ctrl + Alt + D
Switch active user	Win + L ^[2]		Ctrl + Alt + L	
<u>Task manager</u>	Ctrl + Shift + Esc, Ctrl + Alt + Delete ^[3]	Cmd + Opt + Esc	Ctrl + Esc	
Rename file	F2	Enter	F2	F2

Command line shortcuts

Below is a list of common keyboard shortcuts that are used in a [command line environment](#).

Action	Microsoft Windows (cmd.exe)	Microsoft Windows (Windows PowerShell)	Unix/Linux/Mac OS X (bash)	Unix/Linux/Mac OS X (POSIX shell)
Scroll through History of typed commands	↑/↓	↑/↓	↑/↓	ESC K/ESC J
Signal end-of-file	Ctrl + Z		Ctrl + D	
Abort current command/typing	Ctrl + C	Ctrl + C	Ctrl + C	Ctrl + C
Erase word to the left			Ctrl + W	
Erase word to the right			Alt + D	
Erase line to the left	Esc		Ctrl + U	
Erase line to the right	Esc	Ctrl + End	Ctrl + K	
Move one word to the left (backward)	Ctrl + ←	Ctrl + ←	Alt + B	
Move one word to the right (forward)	Ctrl + →	Ctrl + →	Alt + F	
Move to beginning of line	Home	Home	Ctrl + A	
Move to end of line	End	End	Ctrl + E	
Reverse search of history	F7	F8	Ctrl + R	
Send current job to the background			Ctrl + Z	
Insert the next character typed verbatim			Ctrl + V	
Autocomplete command/file name	Tab ⇨ (if enabled eg. via TweakUI)	Tab ⇨	Tab ⇨ (usually twice)	Esc (usually twice)