

# Bash Shortcuts Cheat Sheet

## Command Editing Shortcuts

Ctrl + a	go to the start of the command line
Ctrl + e	go to the end of the command line
Ctrl + k	delete from cursor to the end of the command line
Ctrl + u	delete from cursor to the start of the command line
Ctrl + w	delete from cursor to start of word (i.e. delete backwards one word)
Ctrl + y	paste word or text that was cut using one of the deletion shortcuts (such as the one above) after the cursor
Ctrl + xx	move between start of command line and current cursor position (and back again)
Alt + b	move backward one word (or go to start of word the cursor is currently on)
Alt + f	move forward one word (or go to end of word the cursor is currently on)
Alt + d	delete to end of word starting at cursor (whole word if cursor is at the beginning of word)
Alt + c	capitalize to end of word starting at cursor (whole word if cursor is at the beginning of word)
Alt + u	make uppercase from cursor to end of word
Alt + l	make lowercase from cursor to end of word
Alt + t	swap current word with previous
Ctrl + f	move forward one character
Ctrl + b	move backward one character
Ctrl + d	delete character under the cursor
Ctrl + h	delete character before the cursor
Ctrl + t	swap character under cursor with the previous one

## Command Recall Shortcuts

Ctrl + r	search the history backwards
Ctrl + g	escape from history searching mode
Ctrl + p	previous command in history (i.e. walk back through the command history)
Ctrl + n	next command in history (i.e. walk forward through the command history)
Alt + .	use the last word of the previous command

## Command Control Shortcuts

Ctrl + l	clear the screen
Ctrl + s	stops the output to the screen (for long running verbose command)
Ctrl + q	allow output to the screen (if previously stopped using command above)
Ctrl + c	terminate the command
Ctrl + z	suspend/stop the command

## Bash Bang (!) Commands

*Bash* also has some handy features that use the ! (bang) to allow you to do some funky stuff with *bash* commands.

!!	run last command
!blah	run the most recent command that starts with “blah” (e.g. !ls)
!blah:p	print out the command that <b>!blah</b> would run (also adds it as the latest command in the command history)
!\$	the last word of the previous command (same as <b>Alt + .</b> )
!\$:p	print out the word that <b>!\$</b> would substitute
!*	the previous command except for the last word (e.g. if you type “ <i>find some_file.txt /</i> ”, then <b>!*</b> would give you “ <i>find some_file.txt</i> ”)
!*:p	print out what <b>!*</b> would substitute

## Others

Ctrl + L	clear screen
Ctrl + D	exit bash

## Special

^^command	If you type a command and run it, you can re-run the same command but substitute a piece of text for another piece of text using ^^ e.g.:
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$ ls -al
total 12
drwxrwxrwx+ 3 Administrator None    0 Jul 21 23:38 .
drwxrwxrwx+ 3 Administrator None    0 Jul 21 23:34 ..
-rwxr-xr-x   1 Administrator None 1150 Jul 21 23:34 .bash_profile
-rwxr-xr-x   1 Administrator None 3116 Jul 21 23:34 .bashrc
drwxr-xr-x+  4 Administrator None     0 Jul 21 23:39 .gem
-rwxr-xr-x   1 Administrator None 1461 Jul 21 23:34 .inputrc
$ ^-al^-lash
ls -lash
total 12K
  0 drwxrwxrwx+ 3 Administrator None    0 Jul 21 23:38 .
  0 drwxrwxrwx+ 3 Administrator None    0 Jul 21 23:34 ..
4.0K -rwxr-xr-x   1 Administrator None 1.2K Jul 21 23:34 .bash_profile
4.0K -rwxr-xr-x   1 Administrator None 3.1K Jul 21 23:34 .bashrc
  0 drwxr-xr-x+  4 Administrator None     0 Jul 21 23:39 .gem
4.0K -rwxr-xr-x   1 Administrator None 1.5K Jul 21 23:34 .inputrc
```

Compiled based on:  
<http://www.skorks.com/2009/09/bash-shortcuts-for-maximum-productivity/>