

## SHELL QUICK REFERENCE CARD

Frequently used SHELL commands – Version v1.3 August 2014

### Movements

⟨M⟩ denotes the meta-key, usually bound to ⟨alt⟩ *or* ⟨esc⟩

^a ^e..... jump to begin, end of the line  
^u ^k..... cut to beginning, end of the line  
^f ^b..... move one *char* forward, backward  
⟨M⟩f ⟨M⟩b... jump one word forward, backward  
⟨M⟩← *or* ^w.. cut text backward until space  
⟨M⟩d..... cut one word forward until space  
^y..... paste most recently cut out text

### History

Prompt all executed history events: **history**, clear entire history event cache: **history -c**

### Shortcuts

^p..... fetch the previous command from the history list  
⟨M⟩. .... print last argument(s) to line  
^r ^s..... search history backward, forward (incremental search)  
⟨M⟩p ⟨M⟩n... search backward, forward using non-incremental search  
⟨M⟩< ⟨M⟩>.. move to the first, last line in history

### History-Commands

Example command is: **cd foo/bar**

!!..... runs previous executed command (also known as ‘bang bang’)  
⇒ **sudo !!: sudo cd foo/bar**  
!\$..... repeats last *arg* of prev command  
!n !-n..... executes command *n*, last *n*th command  
!*str* !?*str*?.. runs last executed command starting with, containing *str*  
⇒ **!cd: cd foo/bar**

!!:opt..... filter last command by designators *or* modifiers

⇒ **echo !cd:q: echo 'cd foo/bar'**

!#..... entire command line typed so far

!!:gs/old/new/

substitutes new for old

⇒ **quick substitution, replacing *str*<sub>1</sub> with *str*<sub>2</sub>: ^*str*<sub>1</sub>^*str*<sub>2</sub> (⇒ ^ literally)**

### Options

you may append as many options as you want, e. g. you could do a: **!! : \$ : p** (prints least argument of last executed history command)

### Event Designators

0 the first word in a line (usually command *or* programs name)  
n the *n*th word in a line  
^ the first *arg* (the second word) in a line  
\$ the last argument *arg* in a line  
% the word *str* matched by the most recent !?*str*? search  
*m-n* a range of words from *m* to *n* (*-n* is synonymous with 0-*n*)  
\* all *arg*’s  
*m*\* synonymous with *m*-\$  
*m-* from *arg m* to end, omitting last word

### Event Modifiers

h removes a trailing pathname component, leaving the head  
t removes all leading pathname components, leaving the tail (filename in path)  
r removes a trailing suffix of the form .xxx, leaving the basename  
e removes all but the trailing suffix  
p prints the resulting command but does not execute it

q quotes the substituted words, escaping further substitutions  
m quotes the substituted words, breaking them into words at blanks and newlines  
& repeats the previous substitution  
g causes s/old/new/ or & to be applied over the entire event line  
G apply the following ‘s’ modifier just once to each word in the event line.

### Special Commands

^s ^c ^q..... pause, cancel, resume current process  
popd..... switch to last saved *dir* from index  
pushd *dir*.... save *dir* to index  
^X^E..... work on line under cursor in default EDITOR and execute it afterwards  
^#..... prepend hash to command, then jump to next line (... and reedit later)

[github.com/emzap79/QRCS](https://github.com/emzap79/QRCS)

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This TeXfile is based on Gabriel B. Burcas © git-qrc.tex and has then been modified to my own requirements, with permission!