

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

⟨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*₁ with *str*₂: ^*str*₁^*str*₂ (⇒ ^ 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 <i>or</i> programs name)
n	the <i>n</i> th word in a line
^	the first <i>arg</i> (the second word) in a line
\$	the last argument <i>arg</i> in a line
%	the word <i>str</i> matched by the most recent !?str? search
<i>m-n</i>	a range of words from <i>m</i> to <i>n</i> (<i>-n</i> is synonymous with 0- <i>n</i>)
*	all <i>arg</i> ’s
<i>m</i> *	synonymous with <i>m</i> -\$
<i>m-</i>	from <i>arg m</i> 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 <i>dir</i> from index
pushd <i>dir</i>	save <i>dir</i> 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

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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!