

SHELL QUICK REFERENCE CARD

Frequently used SHELL commands – Version v1.3 August 2015

In this Reference Card, special characters are used as a placeholder for specific, non-alphabetical keys. $\langle M \rangle$ denotes the meta-key, usually bound to $\langle \text{alt} \rangle$ or $\langle \text{esc} \rangle$ while \wedge is referred to the Controllkey (CTRL).

Movements

$\wedge a$ $\wedge e$ jump to begin, end of the line
 $\wedge u$ $\wedge k$ cut to beginning, end of the line
 $\wedge f$ $\wedge b$ move one *char* forward, backward
 $\langle m \rangle f$ $\langle m \rangle b$ jump one word forward, backward
 $\langle m \rangle \leftarrow$ or $\wedge w$... cut text backward until space
 $\langle m \rangle d$ cut one word forward until space
 $\wedge y$ paste most recently cut out text

History

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

Shortcuts

$\wedge p$ fetch the previous command from the history list
 $\langle m \rangle .$ print last argument(s) to line
 $\wedge r$ $\wedge s$ search history backward, forward (incremental search)
 $\langle m \rangle p$ $\langle m \rangle n$ search backward, forward using non-incremental search
 $\langle m \rangle <$ $\langle m \rangle >$... 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’)
 \Rightarrow **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*
 \Rightarrow **!cd: cd foo/bar**
!!:opt filter last command by designators or modifiers
 \Rightarrow **echo !cd:q: echo 'cd foo/bar'**
!# entire command line typed so far
!!:gs/old/new/
substitutes new for old
 \Rightarrow **quick substitution, replacing str_1 with str_2 : $\wedge str_1 \wedge str_2$ (\Rightarrow \wedge 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
 \wedge 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

$\wedge s$ $\wedge c$ $\wedge q$ pause, cancel, resume current process
popd switch to last saved *dir* from index
pushd *dir* save *dir* to index
 $\wedge X \wedge E$ work on line under cursor in default EDITOR and execute it afterwards
 $\wedge \#$ 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!