

## 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*<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 <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 <i>!?str?</i> 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](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!