

Linux Shell Cheat Sheet: commands

Navigation

Command	Purpose
<code>pwd</code>	P rint W orking D irectory
<code>ls</code>	list directory contents
<code>cd</code>	C hange D irectory
<code>man</code>	an interface to the on-line reference manuals

File and directory operations

Command	Purpose
<code>mkdir</code>	create a new directory
<code>rmdir</code>	remove directory (only for empty directories)
<code>chmod</code>	change permissions of a file
<code>cp</code>	copy the file
<code>mv</code>	move or rename the file
<code>rm</code>	remove the file
<code>ln</code>	create a link between files

File viewers and editors

Command	Purpose
<code>cat</code>	print the content of a file into terminal
<code>less</code>	simple file viewer with pagination
<code>more</code>	similar to <code>less</code> but older
<code>head</code>	print the first part of a file
<code>tail</code>	print the last part of a file
<code>touch</code>	change file timestamp or create an empty file
<code>nano</code>	text editor
<code>mcview</code>	text viewer, part of Midnight Commander package
<code>mcedit</code>	text editor, part of Midnight Commander package

Linux Shell Cheat Sheet: hotkeys

less	
Shortcut	
PAGE DOWN, SPACE	forward one page
PAGE UP, b	backward one page
DOWN, j	forward one line
UP, k	backward one line
END, G	go to the end of file
HOME, g	to the beginning of file
SHIFT+END	follow the tail of file (similar to tail -f)
CTRL+c	cancel an ongoing operation (e.g. search, tailing)
q	exit
/	forward search for a pattern
?	backward search for a pattern
n	search next match
N	search previous match

Navigation in Terminal	
Shortcut	
UP	go to previous command
DOWN	go to next command
SHIFT+UP	scroll up one line
SHIFT+PAGE UP	scroll up one page
SHIFT+DOWN	scroll down one line
SHIFT+PAGE DOWN	scroll down one page
CTRL+r	search in history

nano	
Shortcut	
PAGE DOWN, CTRL+v	forward one page
PAGE UP, CTRL+y	backward one page
HOME, CTRL+a	move cursor to the beginning of line
END, CTRL+e	move cursor to the end of line
CTRL+k	copy current line. Repeating adds more lines to clipboard
CTRL+u	paste the clipboard content
CTRL+o	save file
CTRL+x	exit
CTRL+w	search
CTRL+c	show current line number
ALT+g	go to target line number
ALT+/ ALT+	go to the end of file
ALT+	go to the beginning of file

Linux Shell Cheat Sheet: grep and mc

grep	
Shortcut	
<code>-v</code>	match lines not matching
<code>-i</code>	ignore case
<code>-c</code>	print only a count of matching lines
<code>-C</code>	print <i>n</i> lines of output context
<code>-B</code>	print <i>n</i> lines of context <i>before</i> each match
<code>-A</code>	print <i>n</i> lines of context <i>after</i> each match
pattern matching	
pattern classifier	
<code>?</code>	zero or one time
<code>*</code>	matched zero or more times
<code>+</code>	matched one or more times
<code>{n}</code>	matched exactly <i>n</i> times
<code>{n,}</code>	matched <i>n</i> or more times
<code>{,m}</code>	matched at most <i>m</i> times
<code>{n,m}</code>	matched at least <i>n</i> times

Midnight Commander	
Shortcut	
<code>TAB</code>	switch panels
<code>CTRL+u</code>	swap panels
<code>ALT+i</code>	open content of directory in another panel
<code>F3</code>	view file
<code>F4</code>	edit file
<code>F5</code>	copy file between panels
<code>F6</code>	move file between panels
<code>SHIFT+F6</code>	rename file
<code>F7</code>	create directory
<code>F8</code>	delete file or diretory
<code>F9</code>	open menu
<code>F10</code>	quit
<code>CTRL+s</code>	search for file name
<code>SHIFT+ALT+/<code></code></code>	search in files
mcedit	
Shortcut	
<code>F3</code>	begin/end selecting text
<code>F5</code>	paste selected text
<code>F6</code>	move selected text
<code>F7</code>	search text
<code>F8</code>	remove selected text
<code>CTRL+Y</code>	remove line
<code>CTRL+U</code>	undo one operation