

Bash Shortcuts

CTRL-c	Stop current command
CTRL-z	Sleep program
CTRL-a	Go to start of line
CTRL-e	Go to end of line
CTRL-u	Cut from start of line
CTRL-k	Cut to end of line
CTRL-r	Search history
!!	Repeat last command

Nano Shortcuts

Files

Ctrl-R	Read file
Ctrl-O	Save file
Ctrl-X	Close file

Cut and Paste

ALT-A	Start marking text
CTRL-K	Cut marked text or line
CTRL-U	Paste text

Navigate

ALT-/	End of file
CTRL-A	Beginning of line
CTRL-E	End of line
CTRL-C	Show line number
CTRL_	Go to line number

Search File

CTRL-W	Find
ALT-W	Find next
CTRL-\	Search and replace

More nano info at:

<https://www.nano-editor.org/docs.php>

Basic Commands

man <Command>	Show manual for command
<Command> --help	Show manual for command
clear or reset	Clear the terminal

Directory Operations

pwd	Show current directory
cd <dir name>	Change directory to dir



Directory Operations (cont)

<code>cd ..</code>	Go up a directory
<code>mkdir <dir name></code>	Make directory dir
<code>rmdir <dir name></code>	Delete empty directories
<code>ls <dir></code>	List files of stated dir else current dir

ls Options

<code>-a</code>	Show all (including hidden)
<code>-R</code>	Recursive list
<code>-r</code>	Reverse order
<code>-t</code>	Sort by last modified
<code>-S</code>	Sort by file size
<code>-l</code>	Long listing format
<code>-1</code>	One file per line
<code>-m</code>	Comma-separated output
<code>-Q</code>	Quoted output

SSH

<code>ssh user@host.com</code>	connect to host as user
<code>ssh user@host.com -p <port></code>	connect to host on certain port as user

File Operations

<code>touch <filename></code>	Create file
<code>cp file1 file2</code>	Copy file1 to file2
<code>mv file1 file2</code>	Move file1 to file2
<code>rm file1</code>	Delete file1
<code>file <filename></code>	Get the type of file

Example:

`file ./file0*` to get all the file type of `./file01`, `./file02` etc

<code>cat <file></code>	concatenate files and print on the standard output
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Examples of how to print weird files:

1. `cat <-`
2. `cat ./-`
3. `cat "spaces in this filename"`
4. `cat spaces\ in\ this\ filename`
5. `cat .hiddenfile`

Search Files

<code>find -options</code>	Find files based on options
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Search Files (cont)

grep -options Search for pattern in files

IO Redirection

cmd < file	Input of cmd from file
cmd1 < (cmd2)	Output of cmd2 as file input to cmd1
cmd > file	Standard output (stdout) of cmd to file
cmd > /dev/null	Discard stdout of cmd
cmd >> file	Append stdout to file
cmd 2> file	Error output (stderr) of cmd to file
cmd 1>&2	stdout to same place as stderr
cmd 2>&1	stderr to same place as stdout
cmd &> file	Every output of cmd to file

cmd refers to a command.



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