COMMAND LINE CHEAT SHEET

presented by Tower - the best Git client for Mac and Windows

DIRECTORIES

Display path of current working directory
`$ pwd`

Change directory to <directory>
`$ cd <directory>`

Navigate to parent directory
`$ cd ..`

List directory contents
`$ ls`

List detailed directory contents, including hidden files
`$ ls -la`

Create new directory named <directory>
`$ mkdir <directory>`

OUTPUT

Output the contents of <file>
`$ cat <file>`

Output the contents of <file> using the less command (which supports pagination etc.)
`$ less <file>`

Output the first 10 lines of <file>
`$ head <file>`

Direct the output of <cmd> into <file>
`$ <cmd> > <file>`

Append the output of <cmd> to <file>
`$ <cmd> >> <file>`

Direct the output of <cmd1> to <cmd2>
`$ <cmd1> | <cmd2>`

Clear the command line window
`$ clear`

FILES

Delete <file>
`$ rm <file>`

Delete <directory>
`$ rm -r <directory>`

Force-delete <file> (add -r to force-delete a directory)
`$ rm -f <file>`

Rename <file-old> to <file-new>
`$ mv <file-old> <file-new>`

Move <file> to <directory> (possibly overwriting an existing file)
`$ mv <file> <directory>`

Copy <file> to <directory> (possibly overwriting an existing file)
`$ cp <file> <directory>`

Copy <directory1> and its contents to <directory2> (possibly overwriting files in an existing directory)
`$ cp -r <directory1> <directory2>`

Update file access & modification time (and create <file> if it doesn't exis
`$ touch <file>`

PERMISSIONS

Change permissions of <file> to 755
`$ chmod 755 <file>`

Change permissions of <directory> (and its contents) to 600
`$ chmod -R 600 <directory>`

Change ownership of <file> to <user> and <group> (add -R to include a directory's contents)
`$ chown <user>:<group> <file>`

SEARCH

Find all files named <file> inside <dir> (use wildcards [*] to search for parts of filenames, e.g. "file.*")
`$ find <dir> -name "<file>"`

Output all occurrences of <text> inside <file> (add -i for case-insensitivity)
`$ grep "<text>" <file>`

Search for all files containing <text> inside <dir>
`$ grep -rl "<text>" <dir>`

NETWORK

Ping <host> and display status
`$ ping <host>`

Output whois information for <domain>
`$ whois <domain>`

Download <file> (via HTTP[S] or FTP)
`$ curl -O <url/to/file>`

Establish an SSH connection to <host> with user <username>
`$ ssh <username>@<host>`

Copy <file> to a remote <host>
`$ scp <file> <user>@<host>:/remote/path`

PROCESSES

Output currently running processes
`$ ps ax`

Display live information about currently running processes
`$ top`

Quit process with ID <pid>
`$ kill <pid>`

TOWER