Cheatography

[BASH] Windows Integrated Ubuntu Terminal Cheat Sheet

by S.I.P (jigoubigoulai) via cheatography.com/73465/cs/18518/

Script

This cheatsheet uses these norms :

- separation in parts → *Header*, *Declaration*, *Input parameter*, *Process*, *Cleaning*
- variables → uppercase

Example of a script

```
#!/bin/bash
#MoveFiles
#param 1: Directory of the file
#param 2: Final directory
#Author : Jigoub igoulai
#Date : 11.01.2019
shopt -s -o nounset
#Part 2: Declar ation
declare FILEDI RECTORY
declare FINALD IRE CTORY
#Part 3: Input Parameters
if test $# -ne 2; then
                echo "$0 is the name of the
script "
                echo "$1 is the directory of the
file"
                echo "$2 is the directory where you
want to move your file."
                echo "The direct ories must be
absolu t."
                echo "This script only uses two
parameters (excluding $0)"
                echo " Example : ./Move Fil es.sh
/mnt/c /Us ers /"
fi
FILEDI RECTORY = $1
FINALD IRE CTORY = $2
#Part 4: Process
mv $1 $2
#Part 5: Cleaning
unset FILEDI RECTORY
unset FINALD IRE CTORY
```

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Useful commands

Command	Explanation	Example
`cd`	*Moves to a directory*	`cd /mnt/c /Users/`
`pwd`	*Shows current directory*	-
`chmod`	*Change permissions*	`chmod 755 script.sh`
`vim`	*Opens VIM editor*	`vim script.sh`

Directories in bash

Desktop	`/mtn/c /Us ers /<U ser Nam e>/ Desktop`

Check parameters

```
Check if the number of parameters is correct
if test $# -ne 1; then
  echo "Usage: $0 value"
  exit -1
fi
```

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