Cheatography

PM Linux Command Cheat Sheet

by pmlw via cheatography.com/121303/cs/22164/

Directory / Files

cd Directoryname	*Change Directory*
ls	*List Items in Current Directory*
ls -lha	*List Items with extra Info in Current Directory*
mkdir Directoryname	*Make Directory in Current Directory*
mv Filename (new Location or Filename)	*Move or Rename File or Folder*
mv -R Filename (new Location or Filename)	*Move or Rename File or Folder including subdirectorys*
cp Filename (Copied Filename)	*Copy an File*
cp -R Directoryname (Copied Directoryname)	*Copy an Directory*

Backups

tar -czvf Backupname.**tgz .**	*Backup complete Content from Current Directory*
tar -czvf --exclude=" ExcludeData**"** Backupname.**tgz .**	*Backup Content from Current Directory with Excludes*
tar -xzvf Backupname.**tgz**	*Extract Backup in Current Directory*
mysqldump -u User **-p**Password DBName **-h** Host **>** Backupname.**sql**	*Backup/Export Database to Current Directory*
mysql -u User **-p**Password DBName **-h** Host **<** Backupname.**sql**	*Import Backup from Current Directory to Database*

Shared SSH Window

User1: **screen -l**	*to start screen*
User2: **screen -ls**	*to check wich screens we have*
User2: **screen -x**	*to connect*

With this technique you can work together without screenshare via Putty, etc. and both people can actively do something

VI / VIM Editor

vim Filename	*create/edit File*
vi Filename	*create/edit File*
In Editor Command Mode	
:w	*To Save the File*
:q	*To Close the Editor*
:wq or **:x**	*To Save and Close the Editor*
? Word	*To Search in the File*
Press **i**	*To switch to Insert Mode*
In Editor Insert Mode	
Press **ESC**	*To exit the Insert Mode and go to Command Mode*

Important Don't use Stuff like **CTRL + S** this will crash Putty

Expert User Stuff

grep -rnw -e "Searchword**"** *	*Search in Current Directory*
scp -C ssh-username**@**ssh-hos-t:/path/to/file **.**	*Download File over SSH from an Server*
wget url	*Download File over http/https*
alias new-commandname="C-ommand"	*Create an Alias for the Current Session*
clear	*Clears the Terminal*
history	*Shows the History of Commands*
ctrl + r	*to search in the History*

Important If you want an Alias working every time you loging in you need to add it in the **.bashrc** file

Varnish Related Stuff

varnishhist	*Show a histogram chart of the last 1,000 requests*
varnishlog	*See what Varnish is currently processing*
varnishstat	*Show various information about varnish*
netstat -tulpn | grep LISTEN	*Shows you all LISTEN Ports with the Service*

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