

Directory / Files

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

Backups

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

Shared SSH Window

User1: screen -l	<i>to start screen</i>
User2: screen -ls	<i>to check wich screens we have</i>
User2: screen -x	<i>to connect</i>

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

VI / VIM Editor

vim Filename	<i>create/edit File</i>
vi Filename	<i>create/edit File</i>
In Editor Command Mode	
:w	<i>To Save the File</i>
:q	<i>To Close the Editor</i>
:wq or :x	<i>To Save and Close the Editor</i>
? Word	<i>To Search in the File</i>
Press i	<i>To switch to Insert Mode</i>
In Editor Insert Mode	
Press ESC	<i>To exit the Insert Mode and go to Command Mode</i>
Important Don't use Stuff like CTRL + S this will crash Putty	

Expert User Stuff

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

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

Varnish Related Stuff

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

