**CS3377.0W1 Week 4 Lab 1**

**Drew Pulliam - DTP180003**

**(Documentation with Terminal Log)**

┌────────────────────────────────────────────────────────────────────┐

│ • MobaXterm 20.2 • │

│ (SSH client, X-server and networking tools) │

│ │

│ → SSH session to dtp180003@cslinux1.utdallas.edu │

│ • SSH compression : v │

│ • SSH-browser : v │

│ • X11-forwarding : v (remote display is forwarded through SSH) │

│ • DISPLAY : v (automatically set on remote server) │

│ │

│ → For more info, ctrl+click on help or visit our website │

└────────────────────────────────────────────────────────────────────┘

1. **Test find for files modified more than 900 days ago**

{cslinux1:~/cs3377/w4} find /usr/bin/ -mtime +900

/usr/bin/docbook2html

/usr/bin/ldns-read-zone

...

{cslinux1:~/cs3377/w4} find /usr/bin/ -mtime +1200 | wc -l

898

1. **Find files that begin with ‘c’**

{cslinux1:~/cs3377/w4} find /usr/bin/ -name 'c\*'

/usr/bin/cat

/usr/bin/chem

...

1. **Find files smaller than 100 bytes**

{cslinux1:~/cs3377/w4} find /usr/bin/ -size -100

/usr/bin/docbook2html

/usr/bin/jarsigner

/usr/bin/dvi2fax

1. **Only list the first 10 files in /usr**

{cslinux1:~/cs3377/w4} find /usr/bin/ | head

/usr/bin/

/usr/bin/docbook2html

/usr/bin/jarsigner

/usr/bin/dvi2fax

/usr/bin/ldns-read-zone

/usr/bin/dvipdf

/usr/bin/plymouth

/usr/bin/abrt-action-generate-backtrace

/usr/bin/lsmcli

/usr/bin/gnomevfs-df

1. **Find anything that contains ‘sh’ and is a symbolic link**

{cslinux1:~/cs3377/w4} find /usr/bin/ -type l -name '\*sh\*'

/usr/bin/mshortname

/usr/bin/mshowfat

/usr/bin/sh

/usr/bin/csh

/usr/bin/bashbug

/usr/bin/fig2ps2tex.sh

/usr/bin/texhash

/usr/bin/mate-panel-screenshot

/usr/bin/wish

/usr/bin/tclsh

* 1. **Use -exec to do ls -l on the same files as step 5 above**

{cslinux1:~/cs3377/w4} find /usr/bin/ -type l -name '\*sh\*' -exec ls -l {} \;

lrwxrwxrwx. 1 root root 6 Apr 6 2016 /usr/bin/mshortname -> mtools

lrwxrwxrwx. 1 root root 6 Apr 6 2016 /usr/bin/mshowfat -> mtools

lrwxrwxrwx 1 root root 4 May 20 10:52 /usr/bin/sh -> bash

lrwxrwxrwx 1 root root 4 May 20 11:03 /usr/bin/csh -> tcsh

lrwxrwxrwx 1 root root 10 May 20 10:52 /usr/bin/bashbug -> bashbug-64

lrwxrwxrwx 1 root root 10 May 3 2016 /usr/bin/fig2ps2tex.sh -> fig2ps2tex

lrwxrwxrwx 1 root root 8 May 20 10:52 /usr/bin/texhash -> mktexlsr

lrwxrwxrwx 1 root root 15 Jan 9 2019 /usr/bin/mate-panel-screenshot -> mate-screenshot

lrwxrwxrwx. 1 root root 7 Apr 6 2016 /usr/bin/wish -> wish8.5

lrwxrwxrwx. 1 root root 8 Apr 6 2016 /usr/bin/tclsh -> tclsh8.5