

Umeå University

Department of Applied Physics and Electronics

Linux as Development Environment 7.5 ECTS
5EL142 HT-16

Assignment 2

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Author: Lorenz Gerber, 20161202-2033 (lorenzottogerber@gmail.com)

Instructor: Sven Rönnbäck

1 Describing Basic Linux Commands

man *keyword* display manual pages for a specific command

man -k display the short descriptions that contain a regex match to *expression*

man -f display the short descriptions that contain the *keyword*

man *keyword* display manual pages for a specific command

man -k *expression* display the short descriptions that contain a regex match to *expression*

man -f *keyword* display the short descriptions that contain the *keyword*

info *topic*- display info document

textbffor - *topic*

cp - copy a file or directory

mv - move a file or directory

mkdir - make a directory **rmdir** - remove an empty directory **rm** - remove files **find** - search files **cd** - change directory **pwd** - present working directory **df** - disk free **ps** - processes **du** - disk usage **tar** - archieving multiple files into one **seq** - generate a sequence of numbers **whoami** - display the userid of the current user **users** - user names of currently logged on users at present host **who** - shows the currently logged on users **whereis** - find binary, source and man pages for a specified command **cat** - concatenating files and write to standard out **tee** - allows writing standard input to multiple out **more** - display text page wise **less** - display multi page text with scrolling **uniq** - match repeated lines, either report or discard **tail** - output the end of files **echo** - display a line of text **which** - find the path to a command **wget** - download files over the network **cut** - print selected parts of lines **grep** - print lines that match a given pattern **sort** - sorting lines **wc** - word count

2 User Access

3 Users and Groups

4 Filesystem

/boot /etc /sbin /bin /usr /var /dev /home

5 Pipes

a. ls | sort b. uniq | wc c. users| uniq | sort d. seq | tee test1 test2

6 streams

References