

RHEL Week 3 Labs

CIT 217

Chaz Davis

BCTC
Spring 2020

Part 1: Chapter 3 Questions

) Man Page of tar

```
NAME
    tar - manual page for tar 1.26

SYNOPSIS
    tar [OPTION...] [FILE]...

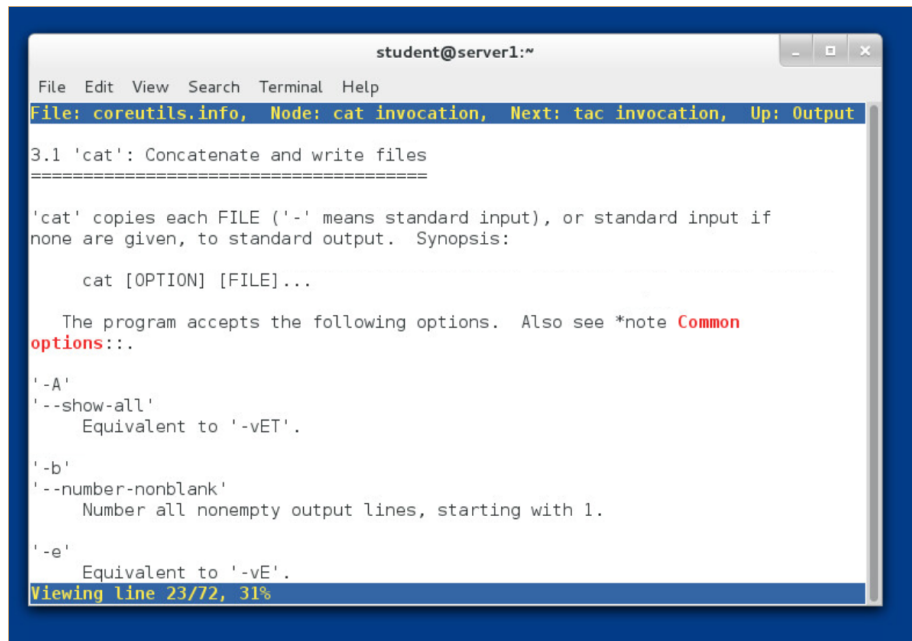
DESCRIPTION
    GNU `tar' saves many files together into a single tape or disk archive,
    and can restore individual files from the archive.

    Note that this manual page contains just very brief description (or
    more like a list of possible functionality) originally generated by the
    help2man utility. The full documentation for tar is maintained as a
    Texinfo manual. If the info and tar programs are properly installed at
    your site, the command `info tar' should give you access to the com-
    plete manual.

EXAMPLES
    tar -cf archive.tar foo bar
        # Create archive.tar from files foo and bar.

    tar -tvf archive.tar
Manual page tar(1) line 2 (press h for help or q to quit)
```

) Pinfo of cat



A terminal window titled 'student@server1:~' displays the man page for the 'cat' command. The window has a menu bar with 'File', 'Edit', 'View', 'Search', 'Terminal', and 'Help'. The status bar at the top indicates 'File: coreutils.info, Node: cat invocation, Next: tac invocation, Up: Output'. The main content shows the manual page for 'cat', including its purpose (concatenate and write files), synopsis, and various options like '-A', '--show-all', '-b', '--number-nonblank', and '-e'. The status bar at the bottom shows 'Viewing line 23/72, 31%'.

```
student@server1:~  
File Edit View Search Terminal Help  
File: coreutils.info, Node: cat invocation, Next: tac invocation, Up: Output  
  
3.1 'cat': Concatenate and write files  
=====
```

'cat' copies each FILE ('-' means standard input), or standard input if none are given, to standard output. Synopsis:

```
cat [OPTION] [FILE]...
```

The program accepts the following options. Also see *note **Common options**::.

- '-A'
'--show-all'
Equivalent to '-vET'.
- '-b'
'--number-nonblank'
Number all nonempty output lines, starting with 1.
- '-e'
Equivalent to '-vE'.

Viewing line 23/72, 31%

) Listing Yum Pkgs with python

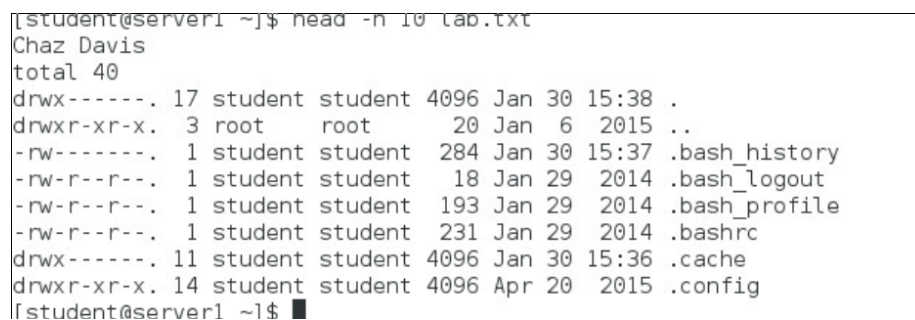


A terminal window shows the output of the command 'yum list python'. The output lists the installed package 'python.x86_64' with version '2.7.5-16.el7'. The status bar at the bottom shows 'installed'.

```
[student@server1 doc]$ yum list python  
Loaded plugins: langpacks  
Installed Packages  
python.x86_64                2.7.5-16.el7                installed  
[student@server1 doc]$
```

Part 2: Chapter 4 Questions

) Edit lab.txt with vim



A terminal window shows the output of the command 'head -n 10 lab.txt'. The output displays the first 10 lines of the file 'lab.txt', which contains a list of files and their permissions, owners, and sizes.

```
[student@server1 ~]$ head -n 10 lab.txt  
Chaz Davis  
total 40  
drwx-----. 17 student student 4096 Jan 30 15:38 .  
drwxr-xr-x.  3 root    root    20 Jan  6  2015 ..  
-rw-----.  1 student student 284 Jan 30 15:37 .bash_history  
-rw-r--r--.  1 student student 18 Jan 29  2014 .bash_logout  
-rw-r--r--.  1 student student 193 Jan 29  2014 .bash_profile  
-rw-r--r--.  1 student student 231 Jan 29  2014 .bashrc  
drwx-----. 11 student student 4096 Jan 30 15:36 .cache  
drwxr-xr-x. 14 student student 4096 Apr 20  2015 .config  
[student@server1 ~]$
```

) delete 5th line save and output 10 lines

```

[student@server1 ~]$ vim lab.txt
[student@server1 ~]$ head -n 10 lab.txt
Chaz Davis
total 40
drwx-----. 17 student student 4096 30 15:38 .
drwxr-xr-x.  3 root    root    20   6  2015 ..
-rw-r--r--.  1 student student  18  29  2014 .bash_logout
-rw-r--r--.  1 student student 193  29  2014 .bash_profile
-rw-r--r--.  1 student student 231  29  2014 .bashrc
drwx-----. 11 student student 4096 30 15:36 .cache
drwxr-xr-x. 14 student student 4096 20  2015 .config
drwxr-xr-x.  2 student student   6  20  2015 Desktop
[student@server1 ~]$ █

```

) Visual Block delete column of months

```

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    tar -cf archive.tar foo bar
        # Create archive.tar from files foo and bar.

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```

Manual page tar(1) line 2 (press h for help or q to quit)