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Month day year

CS 35L First, I want to install Coreutils 7.6. I use wget and the link: \$ wget ftp://ftp.gnu.org/gnu/coreutils/coreutils-7.6.tar.gz This downloads the tarbel into my directory. Next I want to untar and unzip: \$ tar -xzvf coreutils-7.6.tar.gz Which outputs all the files that are unzipped. Next, I make a directory for coreutils: \$ mkdir coreutilsInstall Next, I go into the coreutils-7.6 directory: \$ cd coreutils-7.6 I use ls to see all the contents. To look at the INSTALL file, I use: \$ emacs INSTALL Here, I read about configure, make and make install. So coreutils is installed in the directory I made, I use the --prefix \$./configure --prefix=/u/cs/ugrad/jeanne/coreutilsInstall I then use make and make install to put the contents in my new directory: \$ make \$ make install All 3 of these commands give long outputs, which are updates on the process. I then enter the directory to make sure things have installed: \$ cd ~/coreutilsInstall \$ ls I see that bin, lib, and share are in the directory The install was successful. I then want to reproduce the bug by using ls. I need to call the version of ls in bin for it to work correctly: \$./bin/ls -l This outputs alot of files, for example: -rwxr-xr-x 1 jeanne csugrad 127248 2017-10-20 11:04 [Which is the incorrect version because it uses: yyyy-mm-dd tt:tt We want:

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I then go back to the original folder:
$ cd ~/cs35l/lab3/coreutiles-7.6
I want to create a patch file with vim:
$ vim patch file
I copy and paste Brady's patch into this file.
To run the patch, I use:
$ patch -p1 < patch_file</pre>
After the patch was successfuly added, I run make again:
$ make
To test, I run the ls command in src:
$ ./src/ls -l
And I see that all the files are displaying the correct format.
For example:
-rwxr-xr-x 1 jeanne csugrad 127248 Oct 20 11:03 [
So the patch worked.
To test, I create a new file:
$ touch new_file
I also create a file that is a year old:
$ touch -t 201401210959.30 test_file
I then test ls in both folders:
In our old, unmoddified coreutilsInstall:
-rw-r--r-- 1 jeanne csugrad 0 2017-10-20 12:34 new_file
-rw-r--r-- 1 jeanne csugrad 0 2014-01-21 09:59 test_file
In the new, modified coreutils-7.6
-rw-r--r-- 1 jeanne csugrad 0 Oct 20 12:40 new_file
-rw-r--r-- 1 jeanne csugrad 0 Jan 21 2014 test_file
So the patch was successful!
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