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★

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termination of your program. If the preliminaries are ok, then you may continue the evaluation.

✔ Yes

✘ No

Tests

Basic Tests

As explained in the subject, an identical display is expected, except for ACL, extended attributes, and row formatting display (considered as bonuses). Perform the following tests:

- ls [+1pts]
- ls -a [+1pts]
- ls -l [+2pts]
- Check that symbolic link display is accurate. [+1pts]

We will accept different padding for "-l" option but all the relevant information must be displayed. You must first perform the test with no arguments, then with a file and finally with a folder.



Rate it from 0 (failed) through 5 (excellent)

Basic Tests ++

Perform the following tests:

- ls -r [+1pts]
- ls -t [+1pts]
- test ls -r with several files/folders/... as parameter. [+1pts]
- test ls -t with several files/folders/... as parameter. [+1pts]
- test setuid/setgid/stickybit [+1pts]



Rate it from 0 (failed) through 5 (excellent)

Middle Tests

Perform the following tests:

- ls -R [+2pts]
- multiple option management: parsing and form ("-l -t" for en. as well as "-lt") [+2pts]
- multiple option management: accurate display. [+1pts]



Rate it from 0 (failed) through 5 (excellent)

Error Management

- nonexistent file/folder [+1pts]
- inaccessible file/folder [+1pts]
- unmanaged or nonexistent option [+3pts]



Rate it from 0 (failed) through 5 (excellent)

Bonus

This part should be graded only if the mandatory part is complete and flawless.

ACL/Attributes bonus

Is it implemented ?

✔ Yes

✘ No

Row formatting display bonus

Is it implemented ?

✔ Yes

✘ No

Speed bonus

Assess the speed of your ls compared to the system's. Time the result of ls -lR / using the command time.

- \$> time ls -lR /
- 0 : very slow
  - 5 : as fast



Rate it from 0 (failed) through 5 (excellent)

Options Bonus

Assess the number of additional options that are 100% functional

- 1 point for each additional option



Rate it from 0 (failed) through 5 (excellent)

## Ratings

Don't forget to check the flag corresponding to the defense

✓ Ok

Empty work

Incomplete work

No author file

Invalid compilation

Norme

Cheat

Crash

## Conclusion

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**\* (required) Comment**

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