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# SCALE FOR PROJECT FT\_LS (/PROJECTS/FT\_LS)

You should evaluate 1 student in this team



Git repository

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## Introduction

In order to maintain high evaluation standards, you are expected to:

- Remain polite, courteous, respectful and constructive at every moment of the discussion. Trust between you and our community depends on your behaviour.
- Highlight the flaws and issues you uncover in the turned-in work to the evaluated student or team, and take the time to discuss every aspect extensively.
- Please take into account that discrepancies regarding the expected work or functionalities definitions might occur. Keep an open mind towards the opposite party (is he or she right or wrong?), and grade as honestly as possible. 42's pedagogy only makes sense if peer-evaluations are carried out seriously.

## Guidelines

- You must grade only what exists in the GiT repository of the student or team.
- Remember to check the GiT repository's ownership: is it the student's or team's repository, and for the right project?
- Check thoroughly that no wicked aliases have been used to trick you into grading something other than the genuine repository.
- Any script supposed to ease the evaluation provided by one party must be thoroughly checked by the other party in order to avoid unpleasant situations.

- If the evaluating student hasn't done the project yet, it is mandatory that he or she reads it before starting the evaluation.


- Use the available flags on this scale to tag an empty work, a non functional work, a coding style ("norm") error if applicable, cheating, and so on. If a flag is set, the grade is 0 (or -42 in case of cheating). However, cheating case excluded, you are encouraged to carry on discussing what went wrong, why, and how to address it, even if the grading itself is over.


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## Attachments

 Subject ([https://cdn.intra.42.fr/pdf/pdf/437/ft\\_ls.ro.pdf](https://cdn.intra.42.fr/pdf/pdf/437/ft_ls.ro.pdf))

 Get\_started ([https://cdn.intra.42.fr/pdf/pdf/1515/get\\_started.fr.pdf](https://cdn.intra.42.fr/pdf/pdf/1515/get_started.fr.pdf))

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## Preliminaries

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### Basic requirements

Verify the following points :

- The author file.
- Your project must respect the Norm.
- There's no forbidden functions in the reviewed source code.
- The Makefile must be present and must contain the following rules : all, clean, fclean and re. They must be fully fonctionnal and correctly implemented.
- No memory leaks.

If one of those points is not respected, this evaluation is over. Set the correct flag, and finish the evaluation.

Nonetheless, you can continue it, for pedagogical purpose, but no points should be counted.

 Yes

 No

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## Tests

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

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)**

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### Basic Tests ++

Perform the following tests:

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



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

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### 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. [+1 pts]



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

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### Error Management

- nonexistant file/folder [+1 pts]
- inaccessible file/folder [+1 pts]
- unmanaged or nonexistant 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



Outstanding project



Empty work



Incomplete work



No author file



Invalid compilation



Norme



Cheat



Crash



Leaks



Forbidden function

## Conclusion

Leave a comment on this evaluation

Finish evaluation

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