SCALE FOR PROJECT FT_TRACEROUTE (/PROJECTS/FT_TRACEROUTE)

Introduction

Please respect the following rules:

- Remain polite, courteous, respectful and constructive
throughout the correction process. The well-being of the community
depends on it.

- Identify with the person (or the group) graded the eventual
dysfunctions of the work. Take the time to discuss
and debate the problems you have identified.

- You must consider that there might be some difference in how your
peers might have understood the project's instructions and the
scope of its functionalities. Always keep an open mind and grade
him/her as honestly as possible. The pedagogy is valid only and
only if peer-evaluation is conducted seriously.

Guidelines

- Only grade the work that is in the student or group's
GiT repository.

- Double-check that the GiT repository belongs to the student
or the group. Ensure that the work is for the relevant project
and also check that "git clone" is used in an empty folder.

- Check carefully that no malicious aliases was used to fool you
and make you evaluate something other than the content of the
official repository.

- To avoid any surprises, carefully check that both the correcting
and the corrected students have reviewed the possible scripts used
to facilitate the grading.

- If the correcting student has not completed that particular
project yet, it is mandatory for this student to read the
entire subject prior to starting the defence.

- Use the flags available on this scale to signal an empty repository,
non-functioning program, a norm error, cheating etc. In these cases,
the grading is over and the final grade is 0 (or -42 in case of
cheating). However, with the exception of cheating, you are
encouraged to continue to discuss your work (even if you have not
finished it) in order to identify any issues that may have caused
this failure and avoid repeating the same mistake in the future.

- Evaluation must be done in a virtual machine with a linux
kernel > 3.14 root rights must be available.

Attachments

⬜ Subject (https://cdn.intra.42.fr/pdf/pdf/5662/ft_traceroute.en.pdf)

Basic ft_traceroute

Attempt to use this project with options.

Preliminaries

Before you start defense, please check the following points
- Project is in C,
- Project only uses authorized functions. Functions fcntl, poll and ppoll are not used.
- A Makefile containing the usual rules is present.

If one of these points is invalid, corrections stops.

⊘ Yes   ✕ No

Checking arguments

The program checks that the user has the available rights and correctly
runs with the "h" option.
The program displays a simple, clear and correct explanation about its usage.

⊘ Yes   ✕ No

ft_traceroute ip

For all every questions, you will compare the standard output with avec the traceroute system command. The number of jumps of the projet must be equal to the number of jumps of the real traceroute. A difference of +/- 30ms is acceptable in a packet. DNS resolution, in each hop of the tested adresses isn't mandatory.

ft_traceroute good ip

Run the program with a functioning and valid IPv4 adress.

Reminder: a difference of +/- 30ms is acceptable in a packet.

Is the program functioning identically to the system traceroute?

⊘ Yes   ✕ No

ft_traceroute bad ip

Run the program with a non-functioning and valid IPv4 adress.

Is the program functioning identically to the system traceroute?

⊘ Yes   ✕ No

ft_traceroute hostname

ft_traceroute good hostname

Run the program with a functioning and valid hostname.

Is the program functioning identically to the system traceroute?

⊘ Yes   ✕ No

ft_traceroute bad hostname

Run the program with a non-functioning and valid hostname.

Is the program functioning identically to the system traceroute?

⊘ Yes   ✕ No

ft_traceroute bonus

Bonuses are accounted if ALL the prior sections are validated.

Bonuses specially done for this project

You can account for up to 5 different bonuses for this project.

The -V Flag is not an acceptable bonus.

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

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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   👤 Incomplete group   🚫 Forbidden function

Conclusion

Leave a comment on this evaluation

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Preview!!!

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