$\equiv$  Q (https://profile.intra.42.fr/searches)

jcid-gon

(https://profile.intra.42.fr)

Remember that the quality of the defenses, hence the quality of the of the school on the labor market depends on you. The remote defences during the Covid crisis allows more flexibility so you can progress into your curriculum, but also brings more risks of cheat, injustice, laziness, that will harm everyone's skills development. We do count on your maturity and wisdom during these remote defenses for the benefits of the entire community.

# SCALE FOR PROJECT MINITALK (/PROJECTS/MINITALK)

You should evaluate 1 student in this team



Git repository

git@vogsphere.42urduliz.com:vogsphere/intra-uuid-e678927d-2



## **Introduction**

Please comply with the following rules:

- Remain polite, courteous, respectful, and constructive throughout the evaluation process. The well-being of the community depends on it.
- Identify with the student or group whose work is evaluated the possible dysfunctions in their project. Take the time to discuss and debate the problems that may have been identified.
- You must consider that there might be some differences in how your peers might have understood the project's instructions and the scope of its functionalities. Always keep an open mind and grade them as honestly as possible. The pedagogy is useful only and only if the peer-evaluation is done seriously.

## **Guidelines**

- Only grade the work that was turned in the Git repository of the evaluated student or group.
- Double-check that the Git repository belongs to the student(s). Ensure that the project is the one expected. Also, check that "git clone" is used in an empty folder.

- Check carefully that no malicious aliases were used to fool you and make you evaluate something that is not the content of the official repository.
- To avoid any surprises and if applicable, review together any scripts used to facilitate the grading (scripts for testing or automation).
- If you have not completed the assignment you are going to evaluate, you have to read the entire subject before starting the evaluation process.
- Use the available flags to report an empty repository, a non-functioning program, a Norm error, cheating, and so forth.

  In these cases, the evaluation process ends and the final grade is 0, or -42 in case of cheating. However, except for cheating, student are strongly encouraged to review together the work that was turned in, to identify any mistakes that shouldn't be repeated in the future.

## **Attachments**

subject.pdf (https://cdn.intra.42.fr/pdf/pdf/28321/es.subject.pdf)

# **Preliminaries**

If cheating is suspected, the evaluation stops here. Use the "Cheat" flag to report it. Take this decision calmly, wisely, and please, use this button with caution.

#### **Preliminary tests**

- Defense can only happen if the evaluated student or group is present. This way everybody learns by sharing knowledge.
- If no work has been submitted (or wrong files, wrong directory, or wrong filenames), the grade is 0, and the evaluation process ends.
- No Empty git (= nothing in git repository).
- No Norm error.
- Cheating (= -42).
- No compilation error or re-link.

If all of these points are valid, check yes and continues the correction. If not use the appropriate flag at the end of the scale!



 $\times$ No

# **General instructions**

#### **General instructions**

- The Makefile compiles both executables -> 1 point
- Server name is 'server' and show his PID at launch -> 2 point
- Client name is 'client' and launches asfollowing:
- './client PID\_SERVEUR STRING\_TO\_PASS' -> 2 point



# **Mandatory part**

This project is an introduction to signals Check the code and usage of signals only to communicate.

### Transmission of messages

It's possible to pass on a message of any size

Received messages must be displayed by the server, and must be obviously corrects!

The server should never get stuck or print bad characters.

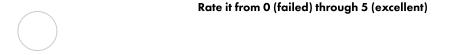


 $\times$ No

#### Simple setup

- Server can receive multi-string without being relaunched
- -> 1 point
- Only one global per program, with justification (or no global)
- -> 1 point
- The communication is achieves ONLY with the signals SIGUSR1 and SIGUSR2
- -> 3 points

Received messages must be displayed by the server, and must be obviously corrects!



## **Bonus**

| Jnicode              |   |                  |                     |                                    |                    |
|----------------------|---|------------------|---------------------|------------------------------------|--------------------|
| Jnicode character    | rs are supported in the clie                | ent and server.  |                     |                                    |                    |
|                      | ✓ Yes                                       |                  |                     | imesNo                             |                    |
| Acknoledgment        |   |                  |                     |                                    |                    |
| The client waits for | acknowledgment from th                      | e server to send | the next signal.    |                                    |                    |
| ⊗ Yes                |   |                  | XNo                 |                                    |                    |
|                      | eck the flag corresponding                  | g to the defense | ς.                  |                                    |                    |
|                      | eck the flag corresponding  Incomplete work |                  | <<br><b>₽</b> Cheat | <b>≇</b> Crash                     | 🎝 Incomplete group |
|                      |   | <b>✓</b> Ol      | <b>₽</b> Cheat      | 🕏 Crash<br><b>D</b> Forbidden func |                    |
| Don't forget to che  | ▲ Incomplete work  Leaks                    | <b>✓</b> Ol      | <b>₽</b> Cheat      |                                    |                    |
| Don't forget to che  | ▲ Incomplete work      Leaks                | <b>✓</b> Ol      | <b>₽</b> Cheat      |                                    |                    |

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