

SCALE FOR PROJECT DATA SCIENCE - (/PROJECTS/DATA-SCIENCE-0)

You should evaluate 1 student in this team



Git repository

`git@vogsphere-v2-bg.1337.ma:vogsphere/intra-uuid-ba3a3c97-7f44-`

Introduction

- Remain polite, courteous, respectful and constructive throughout the evaluation process. The well-being of the community depends on it.
- Identify with the person (or the group) evaluated 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 evaluating and the evaluated students have reviewed the possible scripts used to facilitate the grading.
- If the evaluating 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.
- Remember that for the duration of the defence, no segfault, no other unexpected, premature, uncontrolled or unexpected termination of the program, else the final grade is 0. Use the appropriate flag.
You should never have to edit any file except the configuration file if it exists. If you want to edit a file, take the time to explicit the reasons with the evaluated student and make sure both of you are okay with this.
- You must also verify the absence of memory leaks. Any memory allocated on the heap must


be properly freed before the end of execution.

You are allowed to use any of the different tools available on the computer, such as leaks, valgrind, or e_fence. In case of memory leaks, tick the appropriate flag.

Attachments

 eval.zip (<https://cdn.intra.42.fr/document/document/23821/eval.zip>)

 subject.pdf (<https://cdn.intra.42.fr/pdf/pdf/120789/en.subject.pdf>)

 subject.zip (<https://cdn.intra.42.fr/document/document/23822/subject.zip>)

General instructions

General instructions

- For the entire evaluation process, if you don't know how to check a requirement, or verify any evaluated student has to help you.
- Ensure that all the files required to configure the application are located inside a ex0* folder. must be located at the root of the repository.
- You can have postgres directly on your machine/vm or you can use docker
- (The following commands are only for docker users:)
- Before starting the evaluation, run this command in the terminal: "docker stop \$(docker ps -q \$(docker ps -qa); docker rmi -f \$(docker images -qa); docker volume rm \$(docker volume ls -network rm \$(docker network ls -q) 2>/dev/null"
- Read the docker-compose.yml file. There musn't be 'network: host' in it or 'links:'. Otherwise, ends now.
- Read the docker-compose.yml file. There must be 'network(s)' in it. Otherwise, the evaluator
- Examine the Makefile and all the scripts in which Docker is used. There musn't be '--link' in a Otherwise, the evaluation ends now.
- Examine the Dockerfiles. If you see 'tail -f' or any command run in background in any of their ENTRYPOINT section, the evaluation ends now. Same thing if 'bash' or 'sh' are used but not script (e.g, 'bash').
- If the entrypoint is a script (e.g., ENTRYPOINT ["sh", "my_entrypoint.sh"], ENTRYPOINT ["bash", "my_entrypoint.sh"]), ensure it runs no program in background (e.g, 'nginx & bash').
- Examine all the scripts in the repository. Ensure none of them runs an infinite loop. The follow examples of prohibited commands: 'sleep infinity', 'tail -f /dev/null', 'tail -f /dev/random'
- Run the Makefile.

 Yes

 No

Mandatory part

Ex00 Create postgres

You will be able to connect to the student's database with his or her login:

```
psql -U your_login -d piscineds -h localhost -w
mysecretpassword
```

 Yes

 No

Ex01 Show me your DB

Ask to be shown the connection with the DB,
the port used must be the same as on the command of the previous exercise

Attention if the connection with the DB does not work, the evaluation stops here

 Yes

 No

Ex02 First table

Run table.* and see if the table is created with the software from the previous exercise

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The table must have at least 6 different types, the columns must have the same name as in the CS event_time,event_type,product_id,price,user_id,user_session

A DATETIME for the first column (event_time) is mandatory

✓ Yes

✗ No

Ex03 automatic table

The evaluation must be done with the file "eval.zip" which you will find at the top of the evaluation p file

Run automatic_table.* and see if the 5 tables is created with the software from Ex01
The tables must have the following names: data_2022_oct, data_2022_nov, data_2022_dec, data_data_2023_fev
Make sure that the table data_2023_feb has been created

The 5 tables must have at least 6 different types, the columns must have the same name as in the event_time,event_type,product_id,price,user_id,user_session

A DATETIME for the first column (event_time) is mandatory

✓ Yes

✗ No

Ex04 items table

Run item_table.* and see if the items table is created with the software from Ex01

The table must have at least 3 different types, the columns must have the same name as in the CS product_id,category_id,category_code,brand

✓ Yes

✗ No

Ratings

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

- ✓ Ok
- ★ Outstanding project
- Empty work
- 🚧 Incomplete work
- 🚫 Cheat
- 💣 Crash
- ⚠️ Concern
- 🚫 Forbidden function

Conclusion

Leave a comment on this evaluation (2048 chars max)

Finish evaluation