

# UV Distributed Information Management

## Summer term 2021

### Assignment 01 - Q&A

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This document serves as reference for answers to (possibly rephrased) questions that are related to Assignment 01. The list of question-answer pairs will be extended with new questions (in case they pop up).

## 1 Organizational Questions

**O1** *Do we have to submit the questionnaire as group or per student?*

It suffices to submit the questionnaire once per group.

**O2** *What should we do if a group member is neither reacting nor contributing?*

Please send me an email with the name of the student. I will try to contact the student, and hopefully the group will then work out. In any case, the group members that contribute to the assignment will not be punished for inactive group members.

## 2 Technical Questions

**T1** *The `psycopg2` package is installed (e.g., via `pip`) but Python reports a `ModuleNotFoundError`. What can I do?*

This possibly means that the `psycopg2` package was not installed for the specific Python version (binary) that you are using to execute the code. Try to uninstall `psycopg2` using `pip uninstall psycopg2` and reinstall it using one of the following commands (depending on how you execute Python on your system):

```
python -m pip install psycopg2
py -m pip install psycopg2
python3 -m pip install psycopg2
```

**T2** *When I execute the `\COPY` commands of the assignment description, PostgreSQL does not find the files to import. How to find them?*

For the `\COPY` commands to work as provided in the assignment description, you have to either navigate into the folder with the files in the `psql` command-line tool or you provide the `\COPY` commands with the full path.

Assuming the files are located in folder `/home/user/myfolder/`, the `psql` command-line tool can navigate into this folder as follows:

```
\cd /home/user/myfolder/
```

Afterwards, the `\COPY` commands should work as given in the assignment description.

However, you can also use the full path in the `\COPY` commands as follows:

```
\COPY titles FROM /home/user/myfolder/titles.basics_no_header_array_format.tsv WITH DELIMITER E'\t';  
\COPY names FROM /home/user/myfolder/name.basics_no_header_array_format.tsv WITH DELIMITER E'\t';
```

**T3** *The `\COPY` command does not work in pgAdmin. What to do?*

In general, we do not recommend to use `pgAdmin`, but the `psql` command-line tool (aka *PSQL Shell* or *PSQL terminal*) instead. Nonetheless, you can also import the data files with `pgAdmin` as follows (files are located in folder `/home/user/myfolder/`):

```
COPY titles FROM '/home/user/myfolder/titles.basics_no_header_array_format.tsv' WITH DELIMITER E'\t';  
COPY names FROM '/home/user/myfolder/name.basics_no_header_array_format.tsv' WITH DELIMITER E'\t';
```

The main difference (syntactically) is the usage of the apostrophes in the path to the files.