

Background

Databases are rather interesting beasts, but the UIs available for them tend to fall into one of 3 camps:

- web based
- simple command line interface
- custom, heavyweight, arcane GUIs that rarely look native

While there are exceptions to the above (such as FileMaker Pro), DB interfaces are lacking one major flavor of interface: an ncurses based command line tool.

Project Description

What I am looking for is relatively straightforward to describe: something along the lines of phpMyAdmin, but CLI/ncurses based. This means a well implemented interface, with proper pagination of results, full listing of tables, likely multiple screen ports (think frames on a web site), etc.

Unlike phpMyAdmin, this tool should work for either mysql or postgresql (preferred). Ideally, you will implement both, and more grading consideration will be given if both are provided, but only one is required.

Database

No DB will be provided for this project, but you will need to create your own test DBs locally.

Useful information

- These tools will be entirely written in python. That means the curses based CLI and any testing tools you need to write.
- postgresQL and mysql are very similar. But not quite the same.
- While mysql is rarely used in production environments in larger corporations(at least as far as I can find), postgresql is relatively common.