

Installation guide

Please note. This script was tested on Ubuntu 24.04.1 LTS, Therefore support for other operating systems and versions cannot be guaranteed at this time

Manual install Linux:

Installing and creating database

1. update package list, `sudo apt update && sudo apt upgrade`
2. install postgresql, `sudo apt install postgresql postgresql-contrib`
3. verify installation, `psql --version`
4. switch to the postgresql user, `sudo -i -u postgres`
5. create new database following the preset schema using the 'createdb.sh' script, `sudo ./createdb.sh`
6. open postgres command interface, `psql` and connect to database `\c wargame postgres`
`postgres password: post`
7. check all tables are created `\dt` , players, passwords, games, game_rounds, logged_in_users.
8. exit postgres and the postgresql user, `\q & exit`

installing python, pip and required modules

1. install python3.8 and python virtual environment, `sudo apt install python3.8 python3.8-venv python3.8-dev`
2. verify installation, `python3 --version`
3. create and activate the virtual environment, `python3 -m venv venv & source venv/bin/activate`
4. upgrade pip to latest version, `pip install --upgrade pip`
5. install required packages, `pip install psycpg2-binary bcrypt uuid`

run the application with `python3 main.py\`

_if encountering any errors please ensure package versions are correctly installed and all steps on this guide are complete, if still requiring assistance contact developer

Developer contact: Oliver Maule, p2793357 p2793357@my365.dmu.ac.uk | oliver.maule@oulook.com
github.com/cyberdevOM