

OLED User Manual

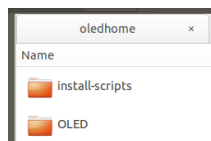
October 21, 2018

1 Installation

- Clone or download the source code from <https://github.com/nkatzz/OLED>.
- Open a terminal and navigate to the location where the source code is cloned. In what follows we'll refer to this directory by `/oledhome`.
- From inside `/oledhome` type in the terminal:

```
cp -r OLED/install-scripts .
```


Your `/oledhome` should now look like this:



- `cd` into the `install-scripts` and type:

```
./install.sh
```


You will need `sudo` privileges to run the install script. The whole process will take some time to complete.
- If all goes well your `/oledhome` should now look like this:
ADD A SCREENSHOT
- Modify paths.

Parsing CAVIAR Into Mongo

- Download the dataset from here: <http://users.iit.demokritos.gr/~nkatz/data/CAVIAR-abrupt-original.tar.gz>

- Run:

```
java -cp oled.jar:/lib/jep-3.6.3.jar -Djava.library.path=/opt/jep-home/lib/python/jep
data.handling.ParseCAVIAR /path/to/unzipped.dataset dbname
```

For example:

```
java -cp oled.jar:/lib/jep-3.6.3.jar -Djava.library.path=/opt/jep-home/lib/python/jep
data.handling.ParseCAVIAR /home/nkatz/dev/CAVIAR-abrupt-original caviar
```

Building LoMRF

Run sbt from within the auxlib folder and do publishLocal. Then run sbt from within the LoMRF folder and do publishLocal.

.profile

```
LD_LIBRARY_PATH=/home/nkatz/dev/lpsolve55:/home/nkatz/software/jep-home/lib/pythonjep:$LD_LIBRARY_PATH
export PATH=$PATH:/home/nkatz/dev/LoMRF/target/universal/LoMRF-0.5.5-SNAPSHOT/bin:/home/nkatz/software/clingo-4.5.4-source/build/release
export PYTHONPATH=$PYTHONPATH:/home/nkatz/software/clingo-4.5.4-source/build/release/python:/home/nkatz/software/jep-home/lib/python
export LD_LIBRARY_PATH
```