Online Relational Leaning > [download here](#)

Refactored, latest version of OLED & WOLED plus more tools for for online logical & relational learning.

Installation

You'll need to have Scala 2.12 with SBT (Scala Build Tool), JDK 8, and Python 2.7 installed on your machine.

- Clone or download the source code:
    - `git clone https://github.com/nkatzz/OLED.git`
- `cd OLED/install-scripts`
- `./install.sh`
- Update your `PATH`, `PYTHONPATH` and `LD_LIBRARY_PATH`. Append the following lines to your `~/.profile` (or `~/.bashrc`) file:
    - `LD_LIBRARY_PATH=<PATH TO CLONED SOURCE>/OLED/external_dependencies/lpsolve55:$LD_LIBRARY_PATH`
    - `export LD_LIBRARY_PATH`
    - `export PATH=$PATH:<PATH TO CLONED SOURCE>/OLED/external_dependencies/LoMRF/target/universal/LoMRF-0.5.5-SNAPSHOT/bin:<PATH TO CLONED SOURCE>/OLED/external_dependencies/clingo/clingo-4.5.4-source/build/release`
    - `export PYTHONPATH=$PYTHONPATH:<PATH TO CLONED SOURCE>/OLED/external_dependencies/clingo/clingo-4.5.4-source/build/release/python`

Data

Detailed instructions on how to perform a test run with `OLED` are provided in the manual. Please refer to the manual for details on the data and the learning task we'll use for this test run. In sort:

- Install MongoDB.
- Download some data and some background knowledge at some location:
    - `wget http://users.iit.demokritos.gr/~nkatz/oled/caviar-data.zip`
    - `wget http://users.iit.demokritos.gr/~nkatz/oled/bk.zip`
- `unzip caviar-data.zip`
- `unzip bk.zip`
- `cd caviar-data`
- Import the data into Mongo:
    - `mongoimport --db caviar-train --collection examples --file caviar-train.json`

- o `mongoimport --db caviar-test --collection examples --file caviar-test.json`
- Make sure everything is ok (after axecuting the `show dbs` command you should see the newly-created dbs 'caviar-train' and 'caviar test'):
  - o `mongo`
  - o `show dbs`

>> MORE INFO