

→ The MongoDB program is installed on the fox machine in the path `/dsk/l1/misc/cyclope/mongodb-7.3.2/` as well as the database file system, which was created in the directory `/dsk/l1/misc/cyclope/cyclope-data/{dev}{test}{prod}`

Steps to use MongoDB on Fox machine :

- `ssh cyclope@fox`
- `enter password xxxxxxxxxxxx`
- `cd /dsk/l1/misc/cyclope/mongodb-7.3.2/bin/`
- `./mongod -f /users/outil/cyclope/mongodb-dev/etc/mongod.conf`
- **And then in the MongoDB compass connect to fox:27017 instead of localhost:27017**

→ The MongoDB database where the metadata will be stored is on the nfs server in the path `users/outils/cyclope/mongodb-{dev}{test}{prod}/db`

→ **choose test or dev or prod in the path, depending on the instance you want to access:**

- cyclope-dev , port 27017, development environment
- cyclope-test , port 27018, test environment
- cyclope-prod, port 27019, production environnement

More info:

-I have moved the masks in the mask folder to Images folder using **move_masks.py**

-I have created boundary files for images who have their corresponding masks using **create_boundaries.py**

-I have copied the CyclopeDB filesystem from the Desktop to the fox machine by doing `cd path\to\CyclopeDB` and then using `scp -r CyclopeDB cyclope@fox:/dsk/l1/misc/cyclope/mongodb-7.3.2/data`

-I wrote a script **uploadmetadata.py** and I placed it in the same dir where Mongoddb is installed.

-To remove the py from cyclope in fox : **rm Uploadmetadata.py**

-Some of the images filenames are in the format `dataset_split_category_uniqueid.ext` and some `dataset_category_uniqueid.ext` without the split, needed to change the script .

-To copy the py script to cyclope : go to Desktop and **scp Uploadmetadata.py cyclope@fox:/dsk/l1/misc/cyclope/**