Jupyter notebooks

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Start Jupyter from ClusterXnode1 as root

```
>> sudo su
>> cd notebooks
>> ./start_Jupyter_local.sh
```

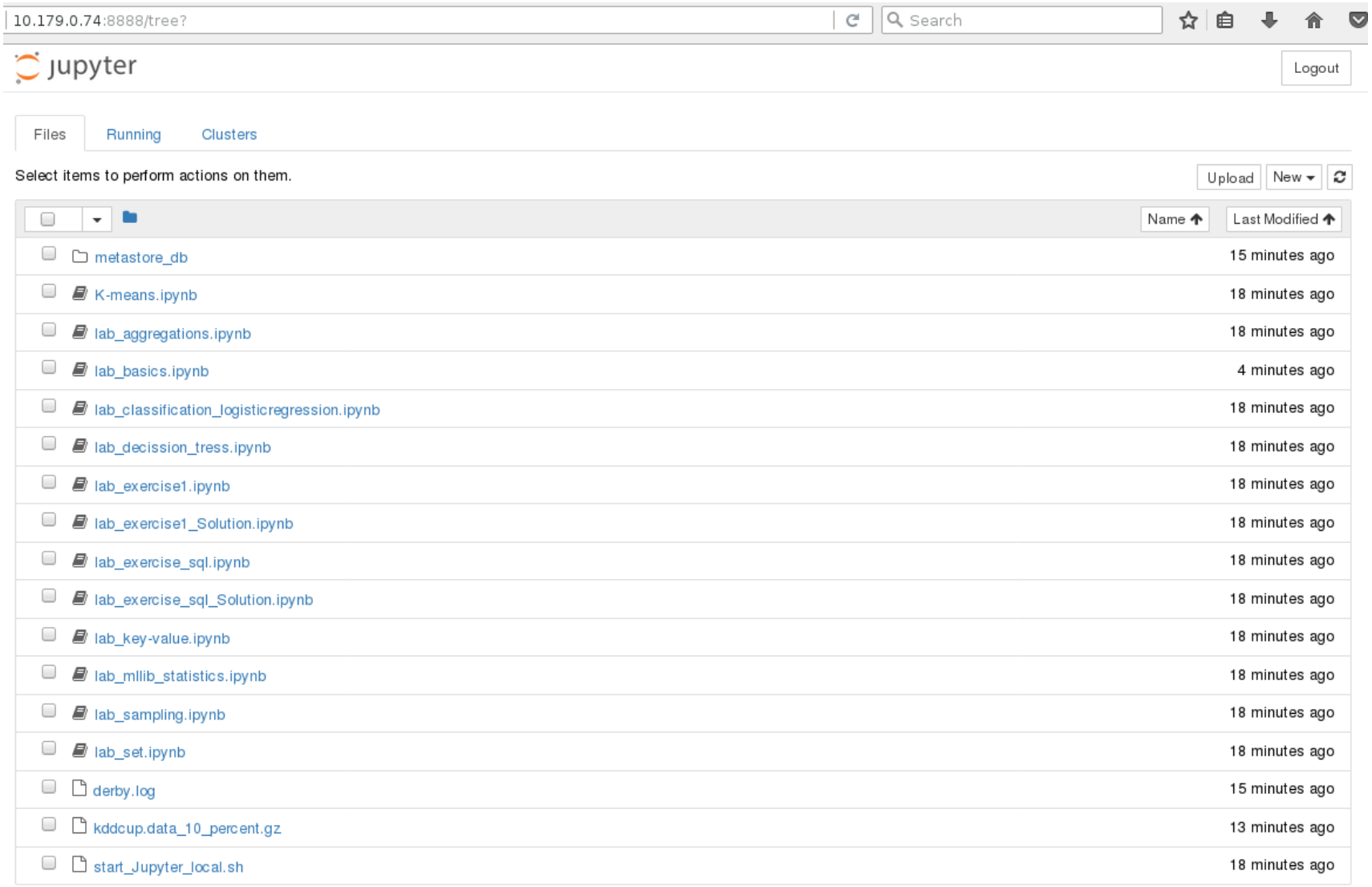
Start Firefox and type in the browser:
http://ClusterXNode1(IP):8888

First type: Copy_Paste the token in the Jupyter Notebook

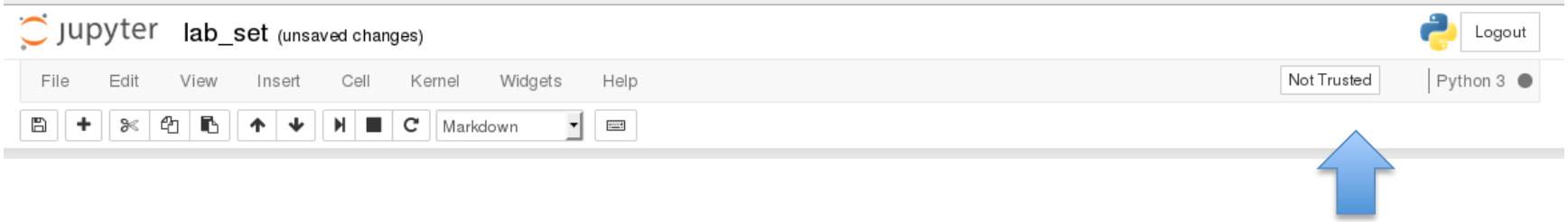
```
root@cluster1node1:/home/admin/notebooks_collection# ls
derby.log                lab_classification_logisticregression.ipynb  lab_exercise_sql.ipynb           lab_sampling.ipynb
K-means.ipynb            lab_decission_tress.ipynb                    lab_exercise_sql_Solution.ipynb  lab_set.ipynb
lab_aggregations.ipynb   lab_exercise1.ipynb                          lab_key-value.ipynb              start_Jupyter_local.sh
lab_basics.ipynb         lab_exercise1_Solution.ipynb                 lab_mllib_statistics.ipynb
root@cluster1node1:/home/admin/notebooks_collection# ./start_Jupyter_local.sh
[I 15:10:31.939 NotebookApp] Writing notebook server cookie secret to /root/.local/share/jupyter/runtime/notebook_cookie_secr
et
[I 15:10:32.082 NotebookApp] Serving notebooks from local directory: /home/admin/notebooks_collection
[I 15:10:32.082 NotebookApp] 0 active kernels
[I 15:10:32.082 NotebookApp] The Jupyter Notebook is running at: http://0.0.0.0:8888/?token=a14fec2e06085d155c9a565229b2bedb1
b349024516103de
[I 15:10:32.083 NotebookApp] Use Control-C to stop this server and shut down all kernels (twice to skip confirmation).
[W 15:10:32.084 NotebookApp] No web browser found: could not locate runnable browser.
[C 15:10:32.084 NotebookApp]

    Copy/paste this URL into your browser when you connect for the first time,
    to login with a token:
        http://0.0.0.0:8888/?token=a14fec2e06085d155c9a565229b2bedb1b349024516103de
[I 15:11:32.676 NotebookApp] 302 GET / (192.171.179.11) 1.69ms
[I 15:11:33.175 NotebookApp] 302 GET /tree? (192.171.179.11) 2.81ms
[I 15:12:06.624 NotebookApp] 302 POST /login?next=%2Ftree%3F (192.171.179.11) 3.15ms
[I 15:12:24.085 NotebookApp] Writing notebook-signing key to /root/.local/share/jupyter/notebook_secret
[W 15:12:24.089 NotebookApp] Notebook lab_basics.ipynb is not trusted
[I 15:12:26.383 NotebookApp] Kernel started: 4c7570f8-c10a-4c35-be96-8b6456bdc6b2
Setting default log level to "WARN".
To adjust logging level use sc.setLogLevel(newLevel). For SparkR, use setLogLevel(newLevel).
17/06/19 15:12:31 WARN util.NativeCodeLoader: Unable to load native-hadoop library for your platform... using builtin-java cl
asses where applicable
```

Notebooks


10.179.0.74:8888/tree?
Search
jupyter
Logout
Files
Running
Clusters
Select items to perform actions on them.
Upload
New
Name
Last Modified
metastore_db 15 minutes ago
K-means.ipynb 18 minutes ago
lab_aggregations.ipynb 18 minutes ago
lab_basics.ipynb 4 minutes ago
lab_classification_logisticregression.ipynb 18 minutes ago
lab_decission_tress.ipynb 18 minutes ago
lab_exercise1.ipynb 18 minutes ago
lab_exercise1_Solution.ipynb 18 minutes ago
lab_exercise_sql.ipynb 18 minutes ago
lab_exercise_sql_Solution.ipynb 18 minutes ago
lab_key-value.ipynb 18 minutes ago
lab_mllib_statistics.ipynb 18 minutes ago
lab_sampling.ipynb 18 minutes ago
lab_set.ipynb 18 minutes ago
derby.log 15 minutes ago
kddcup.data_10_percent.gz 13 minutes ago
start_Jupyter_local.sh 18 minutes ago

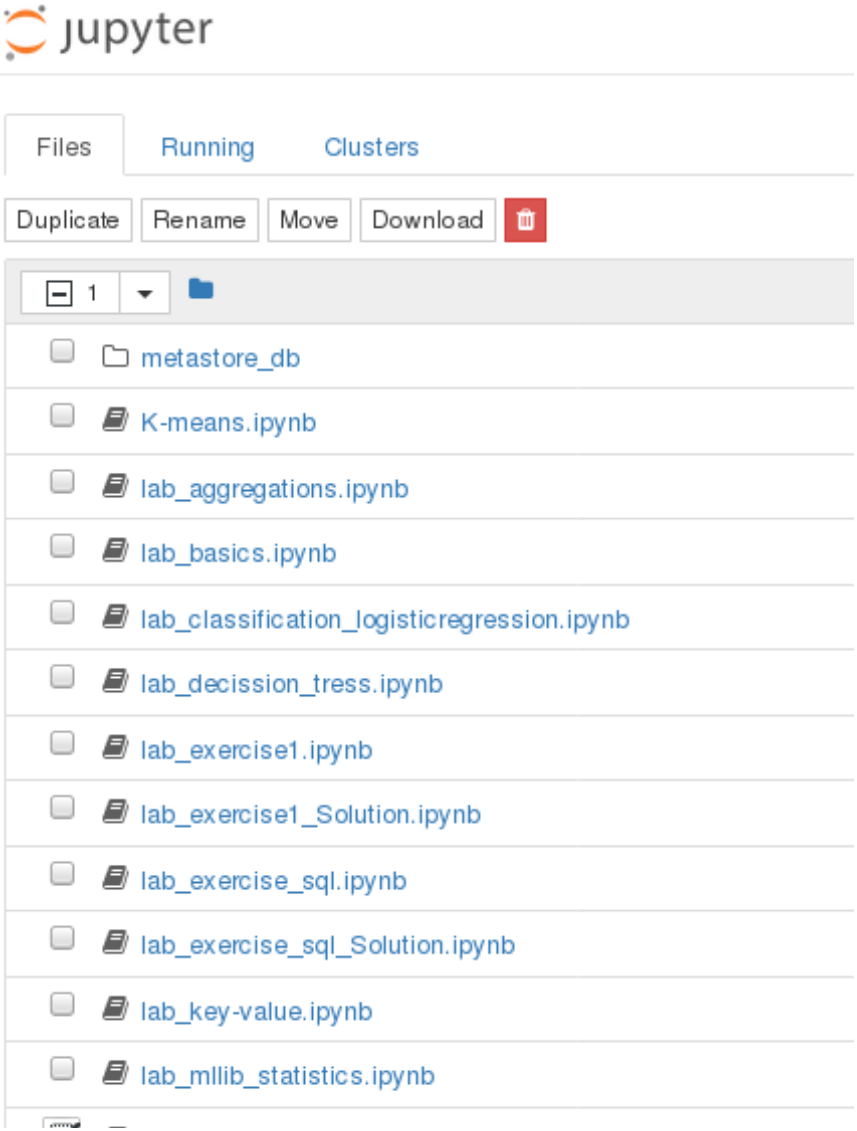
“Trust” notebooks



Click in the button to trust the notebook, and later start running it

Play line by line to run the commands and go through the notebook

Shutdown Notebook

Before running another notebook stop the one that is currently running (if not, we will get errors)

Download Notebook