

# v1.19\_ notification-gw

⋮



SoftWLC 1.18 1.19.

1.18 mysql, .  
mongo mysql , eltex-ngw /usr/lib/eltex-ngw/, /usr/lib/eltex-ngw/migrate\_mongo\_to\_mysql.py

1) python, . , .  
"" , (database\_migration).

```
root@ubuntu16-SWLC:~# python3 -m venv database_migration
root@ubuntu16-SWLC:~# source database_migration/bin/activate
(database_migration) root@ubuntu16-SWLC:~#
```

2) :

```
(database_migration) root@ubuntu16-SWLC:~# pip3 install mysql-connector-python pymongo
(database_migration) root@ubuntu16-SWLC:~# pip3 freeze
mysql-connector==2.2.9
pymongo==3.11.1
(database_migration) root@ubuntu16-SWLC:~#
```

3) , :

```
root@ubuntu16-SWLC:~# apt install eltex-ngw
```

4) , , :

```
root@ubuntu16-SWLC:~# systemctl stop eltex-ngw
root@ubuntu16-SWLC:~# eltex-ngw create-db-user
#
Creating database user "javauser"
Enter your mysql administrator login (default is 'root'): root
Enter your mysql administrator password (root):
Database user created
root@ubuntu16-SWLC:~# systemctl start eltex-ngw
#
eltex_ngw
root@ubuntu16-SWLC:~# mysql -uroot -proot -e "show databases like 'eltex_ngw'"
+-----+
| Database (eltex_ngw) |
+-----+
| eltex_ngw           |
+-----+
```



mysql , eltex-ngw, application.conf .



help, :

```
python3 /usr/lib/eltex-ngw/migrate_mongo_to_mysql.py --help
```

--mysql-url mysql, mysql, ,:

```
--mysql-url mysql://javauser:javapassword@127.0.0.1:3306/eltex_ngw
```

--mongodb-url mongo,:

```
--mongodb-url mongodb://127.0.0.1:27017/notification-gw
```

mongo , -

```
--mongodb-url mongodb://eltex:eltex@10.100.7.86:27017,10.100.7.87:27017,10.100.7.88:27017
```

mysql

```
(database_migration) root@ubuntu16-SWLC:~/deb# python3 /usr/lib/eltex-ngw/migrate_mongo_to_mysql.py --mongodb-  
url mongodb://127.0.0.1:27017/notification-gw --mysql-url mysql://javauser:javapassword@127.0.0.1:3306/eltex_ngw  
Migrating outgoingSms collection  
Total documents: 156  
[#####] 100.0% ...Completed  
  
Migrating emails collection  
Total documents: 35  
  
Migrating fsfiles.files collection  
Total documents: 14  
  
Migrating fsfiles.chunks collection  
Total documents: 34  
  
Migrating incomingEvents collection  
Total documents: 0  
  
Migration completed.
```

eltex-ngw python venv:

```
(database_migration) root@ubuntu16-SWLC:~/deb# deactivate  
root@ubuntu16-SWLC:~/deb#  
root@ubuntu16-SWLC:~# systemctl restart eltex-ngw
```

