
Lumache

Release 0.1

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Lumache (/lu'make/) is a Python library for cooks and food lovers that creates recipes mixing random ingredients. It pulls data from the [Open Food Facts database](#) and offers a *simple* and *intuitive* API. Lumache has its documentation hosted on Read the Docs Ahmad. Check out the [Usage](#) section for further information, including how to [Installation](#) the project.

Note: This project is under active development.

CONTENTS

1.1 Usage

1.1.1 Installation

To use Lumache, first install it using pip:

```
(.venv) $ pip install lumache
```

1.1.2 Creating recipes

To retrieve a list of random ingredients, you can use the `lumache.get_random_ingredients()` function:

The `kind` parameter should be either "meat", "fish", or "veggies". Otherwise, `lumache.get_random_ingredients()` will raise an exception.

For example:

```
>>> import lumache
>>> lumache.get_random_ingredients()
['shells', 'gorgonzola', 'parsley']
```

1.2 Confluence

#Confluence setup:

##DB:

####Download:

- download mysql80-community-release

```
# sudo rpm -ivh mysql80-community-release-el7-3.noarch.rpm # sudo rpm -pql mysql80-community-release-el7-3.noarch.rpm # sudo md5sum mysql80-community-release-el7-3.noarch.rpm # sudo grep 'temporary password' /var/log/mysql.log # sudo mysql_secure_installation
```

- Connect to the database:

```
# mysql -h 127.0.0.1 -P 3308 -u netset -pword -e "SHOW VARIABLES LIKE '%max_connections%';" # mysql -u root
```

Note1: I use JNDI datasource connection

#####SHOW in DATABASE:

```
> SHOW VARIABLES LIKE 'innodb_log_file_size'; > SHOW VARIABLES LIKE 'max_allowed_packet'; >
SHOW VARIABLES LIKE '%max_connections%'; > SHOW VARIABLES LIKE '%innodb_strict_mode%';
for Zabbix server > SHOW VARIABLES LIKE '%validate_password%'; > show global variables like 'lo-
cal_infile'; > SELECT DEFAULT_CHARACTER_SET_NAME, DEFAULT_COLLATION_NAME FROM informa-
tion_schema.SCHEMATA WHERE schema_name = 'confluence'; > SELECT title, lastmoddate FROM CONTENT
group by lastmoddate; > SELECT User, Host, plugin, authentication_string FROM mysql.user;
```

SHOW PRIVILIGES:

```
> show grants for 'netset'@'localhost'; > SET GLOBAL local_infile=1;
```

SHOW total number of tables:

```
>SELECT count(*) AS TOTALNUMBEROFTABLES FROM INFORMATION_SCHEMA.TABLES WHERE TA-
BLE_SCHEMA = 'confluence';
```

#####Modify DATABASE:

```
> CREATE DATABASE confluence character set utf8 collate utf8_bin; <br/> > ALTER DATABASE confluence
CHARACTER SET utf8 COLLATE utf8_bin; <br/> > CREATE USER 'netset'@'localhost' IDENTIFIED BY 'word';
<br/> > GRANT ALL ON confluence.* TO 'netset'@'localhost'; > FLUSH PRIVILEGES;
```

```
> UPDATE user SET plugin='mysql_native_password' WHERE User='netset'; > ALTER USER 'root'@'localhost'
IDENTIFIED BY ''; OR > UPDATE mysql.user SET authentication_string = PASSWORD('') WHERE User = 'netset'
AND Host = 'localhost'; OR > SET PASSWORD FOR 'netset'@'localhost' = PASSWORD('');
```

```
> SET GLOBAL mysqlx_max_connections = 300; > SET GLOBAL max_connections
= 300; > SET GLOBAL max_connections = 500; > SET GLOBAL inn-
odb_log_file_size=2000000; > SET GLOBAL max_allowed_packet=1073741824; > SET GLOBAL
sql_mode='STRICT_TRANS_TABLES,NO_ZERO_IN_DATE,NO_ZERO_DATE,
```

```
ERROR_FOR_DIVISION_BY_ZERO,NO_AUTO_CREATE_USER,NO_ENGINE_SUBSTITUTION';
```

```
> SET session sql_mode="STRICT_TRANS_TABLES,NO_ZERO_IN_DATE,NO_ZERO_DATE, ER-
ROR_FOR_DIVISION_BY_ZERO, NO_AUTO_CREATE_USER,NO_ENGINE_SUBSTITUTION";
```

```
> SET GLOBAL validate_password.policy=LOW; > SET GLOBAL validate_password.mixed_case_count = 0; > SET
GLOBAL validate_password.number_count = 0; > SET GLOBAL validate_password.check_user_name = 0; > SET
GLOBAL validate_password.special_char_count = 0; > SET GLOBAL validate_password.LENGTH = 0;
```

ALTER TABLE table_name > DROP COLUMN column_name;

#####Modify database in conf file:

[mysqld]

```
validate_password.length=0 validate_password.mixed_case_count=0 validate_password.number_count=0 vali-
date_password.policy=LOW validate_password.special_char_count=0 default-storage-engine=INNODB
```

```
innodb_log_file_size=2GB max_allowed_packet=256M binlog_format=row character-set-server=utf8 collation-
server=utf8_bin
```

```
sql_mode=STRICT_TRANS_TABLES,NO_ZERO_IN_DATE,NO_ZERO_DATE,ERROR_FOR_DIVISION_BY_ZERO,NO_ENGINE
```

Free the memory from caches first level: # sync; echo 1 > /proc/sys/vm/drop_caches

1- Add work directory (Home directory) to the installation directory: # nano -w atlassian-confluence-7.11.1/confluence/WEB-INF/classes/confluence-init.properties confluence.home=/home/confluence/confluence-7.10.2.1 2- copy the database connector: # cp confluence/confluence/WEB-INF/lib/mysql-connector-java-5.1.47.jar

atlassian-confluence-7.11.1/confluence/WEB-INF/lib/ 3- copy the sever conf file: # cp confluence/conf/server.xml
atlassian-confluence-7.11.1/conf/

Note: jdbc:mysql://localhost:3306/db?allowPublicKeyRetrieval=true&useSSL=false

4- unlink confluence and link new confluence:

ln -s atlassian-confluence-7.11.1 confluence

4- sudo rm -r logs/* sudo rm -r temp/* sudo rm -r plugins-cache/* sudo rm -r plugins-osgi-cache/* sudo rm -r plugins-temp/*

6-

CATALINA_OPTS="-Xms1024m -Xmx6000m -XX:+UseG1GC \${CATALINA_OPTS}" JRE_HOME="/opt/jre11"

7- chown -R confluence:confluence atlassian-confluence-7.11.1 chown -R confluence:confluence
/home/confluence/confluence-7.11.1/

jar -xf confluence-7.11.1.jar and change

nano -w databaseSubsystemContext.xml

DESCRIBE [table name];

DENORMALISED_SPACE_VIEW_PERMISSIONS DENORMALISED_SPACE_EDIT_PERMISSIONS DENORMALISED_SID

DROP table MIG_EXCLUDE_APP; MIG_APP_ACCESS_SCOPE;

SELECT max(lastmoddate) FROM ATTACHMENTS; select TITLE, LASTMODIFIER, LASTMODDATE, USERNAME from CONTENT group by TITLE;

select * from CONTENT LIMIT 1;

SELECT email_address AS "email", user_name AS "username", display_name AS "displayname", active AS "active"
FROM cwd_user;

1- JAVA 8 ELLER JAVA 11 1- JAVA eller JRE 2- MYSQL ELLER MARIADB 3- MYSQL 5.7 eller 8.0.23 4- mysql-connector-java-8.0.23.jar (saknar datetimetlocal)eller äldre 5.1.47 5- xmx=6000 6- Attachments folder in HOME_dir

Lumache has its documentation hosted on Read the Docs Ahmad.