部署文档

1.部署环境

本项目部署环境：

- 硬件环境

  华为云服务器

  鲲鹏内存优化型|km1.large.8|2vCPUs|16GiB

  网络：300M，按需付费

- 操作系统

  CentOS 7.6 64bit with ARM|公共镜像

- 其他：

  开放端口：80，81，8006(图片代理)

  如需再次开发，建议开放40065，方便查看log

注意：不建议使用华为云鲲鹏处理器，因为可能会有一些未知的bug，并且安装过程较为繁琐。由于社区，或者技术文档缺乏，一些bug难以修复。

2. 所需软件

2.1 检查安装JDK

1.查看云端目前支持安装的JDK版本

```
yum search java|grep jdk
```

2.选择JDK版本，并安装

```
yum install -y java-1.7.0-openjdk
```

3.检查是否安装成功

```
java -version
```

4.查看JDK的安装目录

```
find / -name 'java'
```

2.2 安装MYSQL8

Mysql8.0安装 (YUM方式)

1. 首先删除系统默认或之前可能安装的其他版本的mysql

```
[root@DB-node01 ~]# for i in $(rpm -qa|grep mysql);do rpm -e $i --nodeps;done
[root@DB-node01 ~]# rm -rf /var/lib/mysql && rm -rf /etc/my.cnf
```

2. 安装Mysql8.0 的yum资源库

```
mysql80-community-release-el7-1.noarch.rpm

[root@DB-node01 ~]# yum localinstall https://repo.mysql.com//mysql80-community-release-el7-1.noarch.rpm
```

3. 安装Mysql8.0

```
[root@DB-node01 ~]# yum install mysql-community-server

#启动MySQL服务器和MySQL的自动启动
[root@DB-node01 ~]# systemctl start mysqld
[root@DB-node01 ~]# systemctl enable mysqld
```

4. 使用默认密码初次登录后, **必须要重置密码**

```
查看默认密码, 如下默认密码为"e53xDalx.*dE"
[root@DB-node01 ~]# grep 'temporary password' /var/log/mysqld.log
2019-03-06T01:53:19.897262Z 5 [Note] [MY-010454] [Server] A temporary password is generated for root@localhost: e53xDalx.*dE

[root@DB-node01 ~]# mysql -pe53xDalx.*dE
.....
mysql> select version();
ERROR 1820 (HY000): You must reset your password using ALTER USER statement before executing this statement.
```

报错提示必须要重置初始密码, 下面开始重置mysql登录密码（注意要切换到mysql数据库，使用use

```
mysql> use mysql;
ERROR 1820 (HY000): You must reset your password using ALTER USER statement before executing this statement.

mysql> ALTER USER 'root'@'localhost' IDENTIFIED BY '123456';
ERROR 1819 (HY000): Your password does not satisfy the current policy requirements
```

这个其实与validate_password_policy的值有关, mysql8.0更改了validate_password_policy相关的配置名称, 这跟Mysql5.7有点不一样了.

```
mysql> set global validate_password.policy=0;
Query OK, 0 rows affected (0.00 sec)

mysql> set global validate_password.length=1;
Query OK, 0 rows affected (0.00 sec)
```

接着再修改密码

```
[mysql](http://mp.weixin.qq.com/s?__biz=MzI0MDQ4MTM5NQ==&mid=2247495595&idx=1&sn=f6c169e610b38050c4eecda80f23cf37&chksm=e9188ab7de6f03a1531aa276b91cdbbc43d4ef0fafa13f21f8b6d93c88710e350f0b10ff18b1&scene=21#wechat_redirect)> ALTER USER 'root'@'localhost' IDENTIFIED BY '123456';
Query OK, 0 rows affected (0.05 sec)

mysql> flush privileges;
Query OK, 0 rows affected (0.03 sec)
```

退出, 重新使用新密码登录mysql

```
[root@DB-node01 ~]# mysql -p123456
...........
mysql> select version();
+-----------+
| version() |
+-----------+
| 8.0.15    |
+-----------+
1 row in set (0.00 sec)
```

查看服务端口

```
mysql> show global variables like 'port';
+---------------+-------+
| Variable_name | Value |
+---------------+-------+
| port          | 3306  |
+---------------+-------+
1 row in set (0.01 sec)
```

查看mysql连接的授权信息

```
mysql> select host,user,password from mysql.user;
ERROR 1054 (42S22): Unknown column 'password' in 'field list'
```

上面这是mysql5.6及以下版本的查看命令, mysql5.7之后的数据库里mysql.user表里已经没有password这个字段了，password字段改成了authentication_string。

```
mysql> select host,user,authentication_string from mysql.user;
+-----------+------------------+------------------------------------------------------------------------+
| host      | user             | authentication_string                                                  |
+-----------+------------------+------------------------------------------------------------------------+
| localhost | mysql.infoschema | $A$005$THISISACOMBINATIONOFINVALIDSALTANDPASSWORDTHATMUSTNEVERBRBEUSED |
| localhost | mysql.session    | $A$005$THISISACOMBINATIONOFINVALIDSALTANDPASSWORDTHATMUSTNEVERBRBEUSED |
| localhost | mysql.sys        | $A$005$THISISACOMBINATIONOFINVALIDSALTANDPASSWORDTHATMUSTNEVERBRBEUSED |
| localhost | root             | $A$005${7JO=4Dc7Jym8eI/FU4jimKWFvkD9XmoAkF1ca5.Un0bc6zgmPtU.0          |
+-----------+------------------+------------------------------------------------------------------------+
4 rows in set (0.00 sec)
```

mysql8.0修改用户密码命令

```
mysql> use mysql;
mysql> ALTER USER 'root'@'localhost' IDENTIFIED BY '123456';
mysql> flush privileges;Mysql8.0使用过程中踩过的一些坑
```

可能遇到的一些问题

- 1)创建用户和授权 在mysql8.0创建用户和授权和之前不太一样了，其实严格上来讲，也不能说是不一样, 只能说是更严格, mysql8.0需要先创建用户(创建用户时要带@并指定地址, 则grant授权时的地址就是这个@后面指定的!, 否则grant授权就会报错!)和设置密码,然后才能授权。

```
mysql> create user 'kevin'@'%' identified by '123456';
Query OK, 0 rows affected (0.04 sec)

mysql> grant all privileges on *.* to 'kevin'@'%' with grant option;
Query OK, 0 rows affected (0.04 sec)

mysql> create user 'bobo'@'%' identified by '123456';
Query OK, 0 rows affected (0.06 sec)

mysql> grant all privileges on *.* to 'bobo'@'%' with grant option;
Query OK, 0 rows affected (0.03 sec)

mysql> flush privileges;
Query OK, 0 rows affected (0.04 sec)

mysql> select host,user,authentication_string from mysql.user;
+-----------+------------------+------------------------------------------------------------------------+
| host      | user             | authentication_string                                                  |
+-----------+------------------+------------------------------------------------------------------------+
| %         | bobo             | $A$005$1vY")q?G6<^X@-6LsXrPt5C0TwlTuvHbaOa3sYF0DKViIGoRPuCF8AzwiFcim1  |
```

```
| %         | kevin            |
$A$005$hy`U}ZB#R::rA8WOy2rmwgySqzvOrmR1eTeNDSaXfQPWIsrh7ytbVdi85       |
| localhost | mysql.infoschema |
$A$005$THISISACOMBINATIONOFINVALIDSALTANDPASSWORDTHATMUSTNEVERBRBEUSED |
| localhost | mysql.session    |
$A$005$THISISACOMBINATIONOFINVALIDSALTANDPASSWORDTHATMUSTNEVERBRBEUSED |
| localhost | mysql.sys        |
$A$005$THISISACOMBINATIONOFINVALIDSALTANDPASSWORDTHATMUSTNEVERBRBEUSED |
| localhost | root             |
$A$005$/VO_y^7,]6;2qxggBLmJzhAOQylu5/AHuRScZ/ykKedgZKh/6krOIzPs2       |
+-----------+------------------+-----------------------------------------
--------------------------+
```

如果还是用Mysql5.7及之前版本的直接授权的方法, 会有报错

- 2)**Mysql8.0默认是不能使用root账号进行远程登录的! root账号只能本地登录!**

```
mysql> select host,user,authentication_string from mysql.user;
+-----------+------------------+-----------------------------------------
--------------------------+
| host      | user             | authentication_string
                           |
+-----------+------------------+-----------------------------------------
--------------------------+
| %         | bobo             | $A$005$1VY")q?
G6<^X@-6LsXrPt5COTwlTuvHbaOa3sYFODKViIGoRPuCF8AzwiFcim1 |
| %         | kevin            |
$A$005$hy`U}ZB#R::rA8WOy2rmwgySqzvOrmR1eTeNDSaXfQPWIsrh7ytbVdi85 |
| localhost | mysql.infoschema |
$A$005$THISISACOMBINATIONOFINVALIDSALTANDPASSWORDTHATMUSTNEVERBRBEUSED |
| localhost | mysql.session    |
$A$005$THISISACOMBINATIONOFINVALIDSALTANDPASSWORDTHATMUSTNEVERBRBEUSED |
| localhost | mysql.sys        |
$A$005$THISISACOMBINATIONOFINVALIDSALTANDPASSWORDTHATMUSTNEVERBRBEUSED |
| localhost | root             |
$A$005$/VO_y^7,]6;2qxggBLmJzhAOQylu5/AHuRScZ/ykKedgZKh/6krOIzPs2 |
+-----------+------------------+-----------------------------------------
--------------------------+
6 rows in set (0.00 sec)
```

如果想要远程登录, 则需要进行update更新下root账号的权限

```
mysql> update mysql.user set host='%' where user="root";
Query OK, 1 row affected (0.10 sec)
Rows matched: 1  Changed: 1  Warnings: 0

mysql> flush privileges;
Query OK, 0 rows affected (0.14 sec)

mysql> select host,user,authentication_string from mysql.user;
+-----------+------------------+-----------------------------------------
--------------------------+
| host      | user             | authentication_string
                           |
+-----------+------------------+-----------------------------------------
--------------------------+
```

```
| %         | bobo              | $A$005$1VY")q?
G6<^X@-6LsXrPt5C0TwlTuvHbaOa3sYF0DKViIGoRPuCF8AzwiFcim1  |
| %         | kevin             |
$A$005$hy`U}ZB#R::rA8WOy2rmwgySqzvOrmR1eTeNDSaXfQPWIsrh7ytbVdi85       |
| %         | root              |
$A$005$/VO_y^7,]6;2qxggBLmJzhAOQylu5/AHuRScZ/ykKedgZKh/6krOIzPs2       |
| localhost | mysql.infoschema |
$A$005$THISISACOMBINATIONOFINVALIDSALTANDPASSWORDTHATMUSTNEVERBRBEUSED |
| localhost | mysql.session     |
$A$005$THISISACOMBINATIONOFINVALIDSALTANDPASSWORDTHATMUSTNEVERBRBEUSED |
| localhost | mysql.sys         |
$A$005$THISISACOMBINATIONOFINVALIDSALTANDPASSWORDTHATMUSTNEVERBRBEUSED |
+-----------+-----------------+------------------------------------------
--------------------------+
6 rows in set (0.00 sec)
```

这样就能在远程使用root账号登录该mysql8.0的数据库了

修改root账号权限, 允许root账号远程登录后, 用navicat进行mysql的远程连接时，出现了弹窗报错。出现这个原因是mysql8 之前的版本中加密规则是mysql_native_password, 而在mysql8之后,加密规则是caching_sha2_password, 解决问题方法:

一种是把mysql用户登录密码加密规则还原成mysql_native_password;

```
#修改加密规则
mysql> ALTER USER 'root'@'%' IDENTIFIED BY '123456' PASSWORD EXPIRE NEVER;

Query OK, 0 rows affected (0.16 sec)

#更新一下用户的密码
mysql> ALTER USER 'root'@'%' IDENTIFIED WITH mysql_native_password BY
'123456';
Query OK, 0 rows affected (0.08 sec)

#刷新权限
mysql> FLUSH PRIVILEGES;
Query OK, 0 rows affected (0.03 sec)
```

这样问题就解决了。

项目需要的数据库表

见附录

2.3 安装nginx

1、安装nginx编译环境

```
yum -y install gcc-c++

yum -y install pcre-devel openssl openssl-devel
```

2、安装之前检查是否有安装过nginx

`find -name nginx`

3、如果有安装卸载

`yum remove nginx`

4、选择你想要安装的目录，我选择的是/usr/local下的目录安装

`cd /usr/local`

5、然后下载最新的nginx

`wget http://nginx.org/download/nginx-1.12.0.tar.gz`

6、解压nginx包

`tar -zxvf nginx-1.12.0.tar.gz`

7、配置nginx安装信息

解压之后进入nginx安装目录后，执行以下语句：

`./configure --prefix=/home/gaochao/nginx --with-http_ssl_module`

注：–prefix 参数：指定安装目录；–with-http_ssl_module：编译的时候启用SSL支持

8、然后编译、安装

```
make
make install
```

9、使用命令查看nginx的安装路径

`whereis nginx`

10、给nginx目录权限

`chmod -R 777 /usr/local/nginx/`

进入cd /usr/local/nginx/sbin/启动nginx./nginx，然后查看nginx服务是否成功netstat -ntlp

然后根据ip进行访问即可.

11.nginx配置限流

配置文件见附录

2.4 安装redis

1. 安装gcc依赖
   由于 redis 是用 C 语言开发，安装之前必先确认是否安装 gcc 环境（gcc -v），如果没有安装，执行以下命令进行安装（因为这一步没有做导致我执行安装命令一直报错）

```
yum install -y gcc
```

2. 下载Redis
   官网下载地址：https://redis.io/download
   找到要下载的版本右键复制下载链接
3. 都知道虚拟机可以使用wget命令直接联网下载 但是这个下载路径也很重要 所以这一步 👆一定要自己进入官网复制 网上很多教程都是直接给的一个下载命令 但是那个命令里面的版本不一定都还在 所以必须要自己去复制一下这个下载路径
   然后输入wget + 刚刚复制的下载路径 回车进行下载

`wget https://download.redis.io/releases/redis-6.2.5.tar.gz`

4. 解压redis
   下载完后使用解压命令进行解压

   `tar -zvxf redis-6.2.5.tar.gz`

   解压完成后使用ls命令可以看到当前文件夹有两个文件

```
因为 redis一般放在/usr/local/redis路径下 所以要使用命令将文件移动过去 这里我的文件在opt下

```mv /opt/redis-6.2.5 /usr/local/redis```

cd 到/usr/local目录下可以查看到当前目录已经多了一个redis子目录
```

5. 安装redis
   进入到redis目录输入make执行编译命令

   再输入如下命令进行安装

   `make PREFIX=/usr/local/redis install`

```
启动redis

cd bin
./redis-server

从 redis 的源码目录中复制 redis.conf 到 redis 的安装目录
```

`cp /opt/redis-6.2.5/redis.conf /usr/local/redis/bin/`

6. 修改 redis.conf 文件，把 daemonize no 改为 daemonize yes

`vi redis.conf`

`./redis-server redis.conf`

7. 查看Redis是否正在运行
   `ps -ef | grep redis`

   `redis-cli`

   ./redis-cli是连接本地redis服务的一个命令，通过该命令后可以既可控制redis的脚本控制台

   如果 Redis报错：-bash: redis-cli: command not found

   将redis-cli拷贝到bin下，让redis-cli指令可以在任意目录下直接使用

`cp /opt/redis-6.2.5/src/redis-cli.c /usr/local/redis/bin`

服务操作命令
```

```
systemctl start redis.service   #启动redis服务

systemctl stop redis.service   #停止redis服务

systemctl restart redis.service   #重新启动服务

systemctl status redis.service   #查看服务当前状态

systemctl enable redis.service   #设置开机自启动

systemctl disable redis.service   #停止开机自启动
```

2.5 安装rabbitMQ

因为RabbitMQ是由Erlang语言开发的所以需要安装Erlang的开发环境，再安装RabbitMQ

安装Erlang

```
curl -s
https://packagecloud.io/install/repositories/rabbitmq/erlang/script.rpm.sh |
sudo bash
```

```
yum install erlang -y
```

安装完erlang后检验版本

```
erl -version
```

安装rabbitmq

```
yum install rabbitmq-server -y
```

配置rabbitmq

```
# 开机启动
systemctl enable rabbitmq-server.service# 启动rabbitmqsystemctl start
rabbitmq-server.service

# 开启后台管理
rabbitmq-plugins enable rabbitmq_management

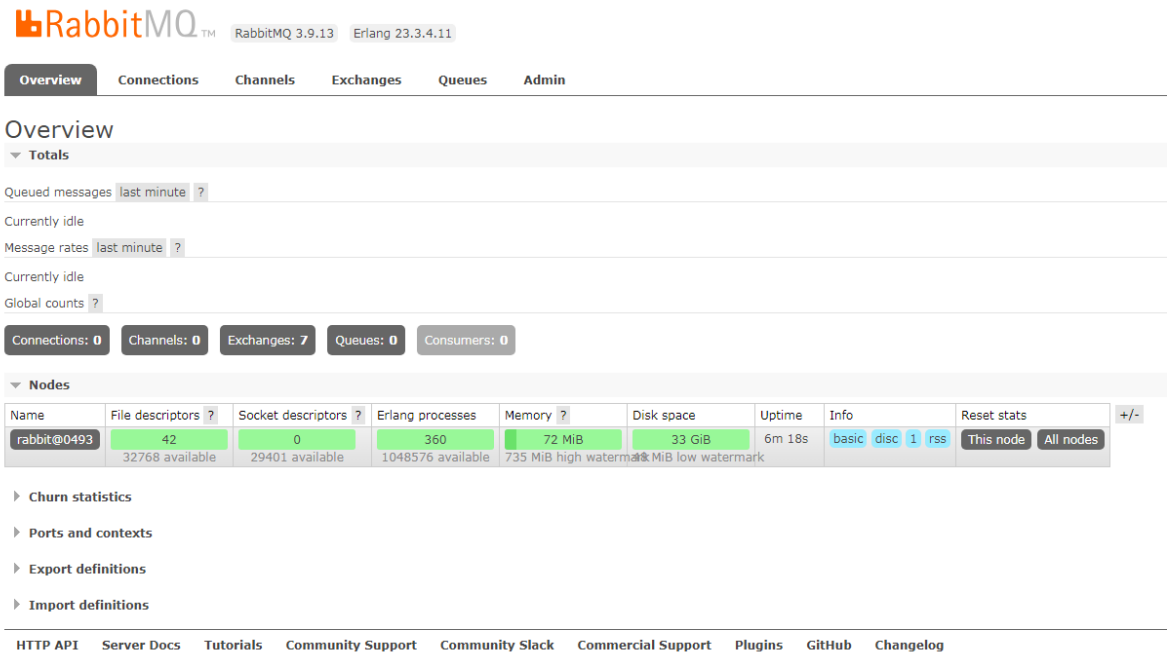
# 设置后台管理员
rabbitmqctl add_user fahaxiki 'fhxj123'
rabbitmqctl set_user_tags fahaxiki administrator
rabbitmqctl set_permissions -p / fahaxiki '.*' '.*' '.*'

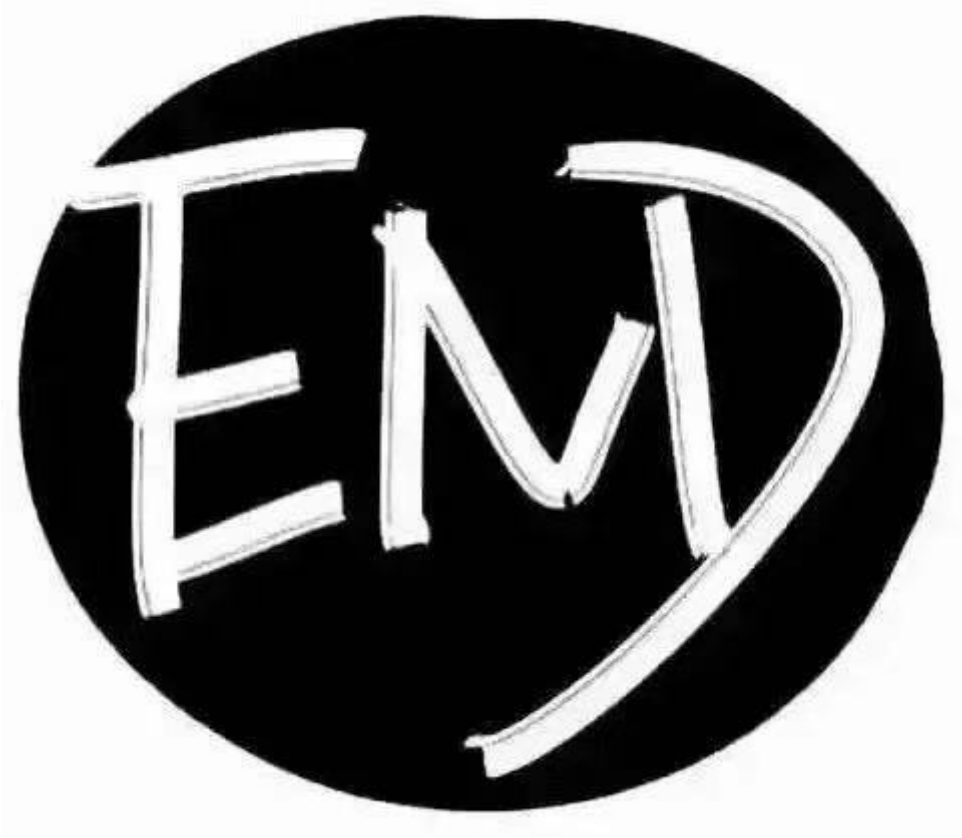
# 重启rabbitmq
systemctl restart rabbitmq-server.service
```

启动rabbitmq后，可以通过http://x.x.x.x:15672访问管理后台，使用上面设置的管理员账号登录。

注意端口15672是否开放

登录成功





2.6 安装nacos

下载

1. 官网下载
2. 解压

```
cd /home/busapp/service/
tar xvf nacos.tar.gz
```

3. 数据库配置

见附录三

4. 修改配置

```
cd /home/busapp/service/nacos/conf/
vim application.properties

db.num=1
db.url.0=jdbc:mysql://localhost:3306/nacos-mysql??
characterEncoding=utf8&connectTimeout=1000&socketTimeout=3000&autoReconnect=tr
ue
db.user=root
db.password=123456
```

4. 启用

```
cd /home/busapp/service/nacos/bin/
./startup.sh -m standalone &
```

3 部署

3.1 前端部署

需要安装node环境
对于使用Node的环境，处理这个最简单的方法是安装serve并让它处理其余的：

```
npm install -g serve
serve -s build
```

上面显示的最后一个命令将在端口3000上为您的静态站点提供服务。像许多serve的内部设置一样，可以使用-l或--listen标志调整端口：

```
serve -s build -l 4000
```

运行此命令以获取可用选项的完整列表：

```
serve -h
```

另外你可以直接使用这条

```
serve -s
```

然后你需要cd dist文件下
运行

```
serve -s
```

使用screen进行会话管理

需要安装screen

```


 tar -xzvf build.tar.gz

 screen

 screen -ls

kill ID

serve -S ./
```

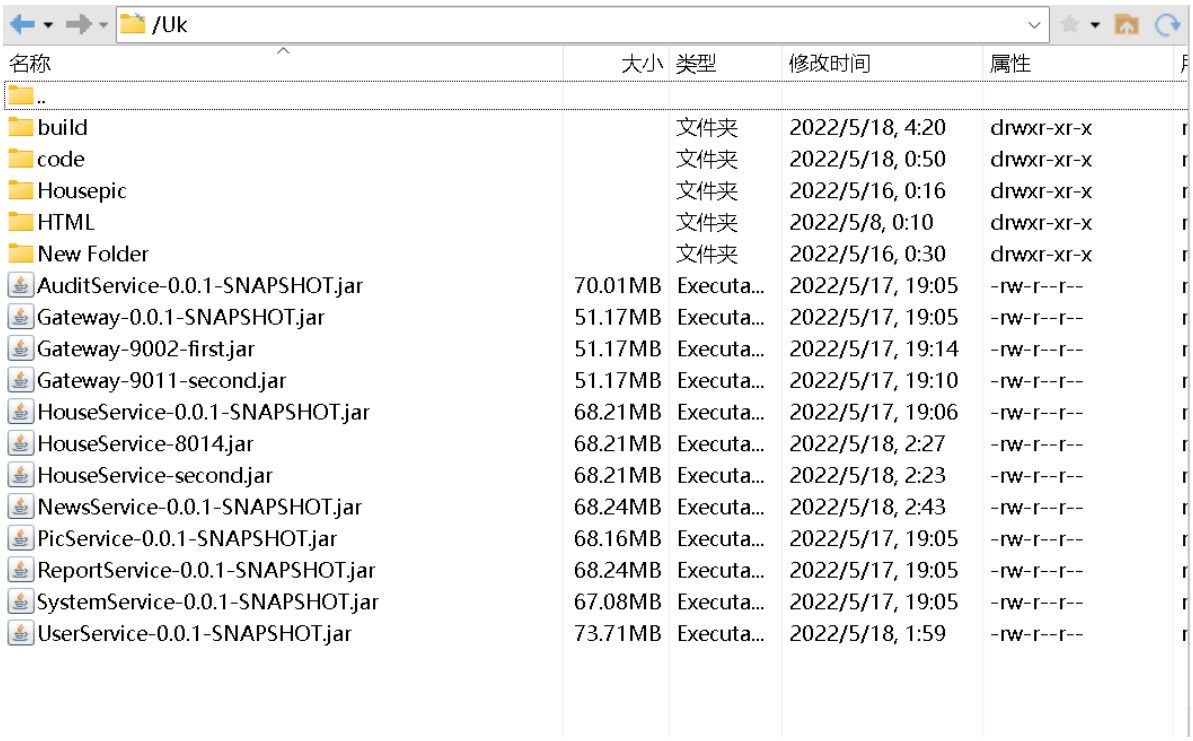
3.2 后端部署

首先在本地进行maven编译

生成jar包

服务名	部署命令F	FIRST	SECOND
Gateway	nohup java -jar Gateway-0.0.1-SNAPSHOT.jar > /Ukother/Uklog/Gateway.log &	9001	9011
UserService	nohup java -jar UserService-0.0.1-SNAPSHOT.jar > /Ukother/Uklog/UserService.log &	8001	
HouseService	nohup java -jar HouseService-0.0.1-SNAPSHOT.jar > /Ukother/Uklog/HouseService.log &	8002	8012
SystemService	nohup java -jar SystemService-0.0.1-SNAPSHOT.jar > /Ukother/Uklog/System.log &	8003	
AuditService	nohup java -jar AuditService-0.0.1-SNAPSHOT.jar >/Ukother/Uklog/Audit.log &	8004	
ReportService	nohup java -jar ReportService-0.0.1-SNAPSHOT.jar > /Ukother/Uklog/report.log &	8005	
NewsService	nohup java -jar NewsService-0.0.1-SNAPSHOT.jar > /Ukother/Uklog/NewService.log &	8006	
PicService	nohup java -jar PicService-0.0.1-SNAPSHOT.jar > /Ukother/Uklog/Pic.log &	8007	

服务器实际



log目录

/Ukother/Uklog

名称	大小	类型	修改时间	属性
..				
Audit.log	8KB	文本文档	2022/5/20, 7:54	-rw-r--r--
Gateway-9002-first.log	842KB	文本文档	2022/5/21, 15:17	-rw-r--r--
Gateway-9011-second.log	816KB	文本文档	2022/5/20, 15:23	-rw-r--r--
Gateway.log	948KB	文本文档	2022/5/21, 22:49	-rw-r--r--
house-8014.log	11KB	文本文档	2022/5/19, 22:58	-rw-r--r--
houseservice-second.log	9KB	文本文档	2022/5/18, 2:24	-rw-r--r--
HouseService.log	15.75MB	文本文档	2022/5/20, 12:17	-rw-r--r--
NewService.log	12KB	文本文档	2022/5/20, 4:21	-rw-r--r--
Pic.log	9KB	文本文档	2022/5/19, 6:00	-rw-r--r--
report.log	12KB	文本文档	2022/5/21, 19:31	-rw-r--r--
System.log	12KB	文本文档	2022/5/21, 0:50	-rw-r--r--
UserService.log	1.55MB	文本文档	2022/5/21, 0:50	-rw-r--r--

附录1-项目数据库表

数据库-UA

```
#共21张表
CREATE TABLE `AUDIT` (
  `AUDIT_ID` int NOT NULL AUTO_INCREMENT,
  `CREATE_TIME` timestamp NULL DEFAULT CURRENT_TIMESTAMP,
  `DELETE_MARK` varchar(3) DEFAULT 'NO',
  `OBJTYPE_ID` int NOT NULL,
  `OPERATOR` mediumtext NOT NULL,
  `OPER` int NOT NULL,
  `MESSAGE` varchar(200) DEFAULT NULL,
  `OBJ_ID` int NOT NULL,
  PRIMARY KEY (`AUDIT_ID`)
) ENGINE=InnoDB AUTO_INCREMENT=50 DEFAULT CHARSET=utf8mb4
COLLATE=utf8mb4_0900_ai_ci;

CREATE TABLE `city` (
  `id` int unsigned NOT NULL AUTO_INCREMENT,
  `country_id` int DEFAULT NULL COMMENT '城市所在的国家对应的id',
  `state` varchar(256) DEFAULT NULL COMMENT '省或者州的英文名称,若某国家没有这一
个行政级别,则为空',
  `name` varchar(256) DEFAULT NULL COMMENT '城市的标准英文名称',
  `lower_name` varchar(256) DEFAULT NULL COMMENT '城市的小写英文名称,用于搜索',
  `cn_state` varchar(256) DEFAULT NULL COMMENT '省或者州的中文名称,若某国家没有
这一个行政级别',
  `cn_name` varchar(256) DEFAULT NULL COMMENT '城市的标准中文名称',
  `city_code` varchar(64) DEFAULT NULL COMMENT '城市的代码(一般表示缩写',
  `state_code` varchar(64) DEFAULT NULL COMMENT '省或者州代码(一般表示缩写),若
某个国家没有州或省这个行政级别，则为空',
  PRIMARY KEY (`id`)
) ENGINE=InnoDB AUTO_INCREMENT=3758 DEFAULT CHARSET=utf8mb3;

CREATE TABLE `country` (
```

```
  `id` int unsigned NOT NULL AUTO_INCREMENT COMMENT '自增id',
  `continent_id` int DEFAULT NULL COMMENT '对应七大陆continent表的id',
  `name` varchar(256) DEFAULT NULL COMMENT '英文常用标准名称，主要用于显示',
  `lower_name` varchar(256) DEFAULT NULL COMMENT '对应于英文标准名称的小写，主要用于搜索比较',
  `country_code` varchar(64) DEFAULT NULL COMMENT '英文缩写名称，全大写',
  `full_name` varchar(256) DEFAULT NULL COMMENT '英文标准名称全称',
  `cname` varchar(256) DEFAULT NULL COMMENT '中文常用标准名称，通常简称',
  `full_cname` varchar(256) DEFAULT NULL COMMENT '中文全称名称，非缩写',
  `remark` text COMMENT '备注字段，保留',
  PRIMARY KEY (`id`)
) ENGINE=InnoDB AUTO_INCREMENT=213 DEFAULT CHARSET=utf8mb3;

CREATE TABLE `DICT_AUDIT_OPER` (
  `OPER_ID` int NOT NULL AUTO_INCREMENT,
  `CREATE_TIME` timestamp NULL DEFAULT CURRENT_TIMESTAMP,
  `DELETE_MARK` varchar(3) DEFAULT 'NO',
  `OPER` varchar(200) NOT NULL,
  PRIMARY KEY (`OPER_ID`)
) ENGINE=InnoDB AUTO_INCREMENT=10004 DEFAULT CHARSET=utf8mb4 COLLATE=utf8mb4_0900_ai_ci;

CREATE TABLE `DICT_GROUP` (
  `GROUP_ID` int NOT NULL AUTO_INCREMENT,
  `GROUP_NAME` varchar(200) NOT NULL,
  `CREATE_TIME` timestamp NULL DEFAULT CURRENT_TIMESTAMP,
  `PARENT_ID` int NOT NULL,
  `DELETE_MARK` varchar(3) DEFAULT 'NO',
  PRIMARY KEY (`GROUP_ID`)
) ENGINE=InnoDB AUTO_INCREMENT=10009 DEFAULT CHARSET=utf8mb4 COLLATE=utf8mb4_0900_ai_ci;

CREATE TABLE `DICT_IDENTITY_TYPE` (
  `TYPE_ID` int NOT NULL AUTO_INCREMENT,
  `CREATE_TIME` timestamp NULL DEFAULT CURRENT_TIMESTAMP,
  `TYPE_NAME` varchar(50) CHARACTER SET utf8mb3 COLLATE utf8_general_ci NOT NULL,
  `DELETE_MARK` varchar(3) CHARACTER SET utf8mb3 COLLATE utf8_general_ci DEFAULT 'NO',
  PRIMARY KEY (`TYPE_ID`) USING HASH
) ENGINE=MEMORY AUTO_INCREMENT=10002 DEFAULT CHARSET=utf8mb3 ROW_FORMAT=DYNAMIC;

CREATE TABLE `DICT_MENU` (
  `MENU_ID` int NOT NULL AUTO_INCREMENT,
  `CREATE_TIME` timestamp NULL DEFAULT CURRENT_TIMESTAMP,
  `MENU` varchar(100) NOT NULL,
  `URL` varchar(200) NOT NULL,
  `DELETE_MARK` varchar(3) DEFAULT 'NO',
  `ICON` varchar(100) DEFAULT NULL,
  `DEFAULT_MARK` varchar(3) DEFAULT 'NO',
  PRIMARY KEY (`MENU_ID`)
) ENGINE=InnoDB AUTO_INCREMENT=10004 DEFAULT CHARSET=utf8mb4 COLLATE=utf8mb4_0900_ai_ci;

CREATE TABLE `DICT_OBJTYPE` (
  `OBJTYPE_ID` int NOT NULL AUTO_INCREMENT,
  `CREATE_TIME` timestamp NULL DEFAULT CURRENT_TIMESTAMP,
```

```
  `DELETE_MARK` varchar(3) DEFAULT 'NO',
  `OBJTYPE` varchar(200) NOT NULL,
  PRIMARY KEY (`OBJTYPE_ID`)
) ENGINE=InnoDB AUTO_INCREMENT=10012 DEFAULT CHARSET=utf8mb4
COLLATE=utf8mb4_0900_ai_ci;

CREATE TABLE `DICT_PERMISSION` (
  `PERMISSION_ID` int NOT NULL AUTO_INCREMENT,
  `CREATE_TIME` timestamp NULL DEFAULT CURRENT_TIMESTAMP,
  `PERMISSION_NAME` varchar(30) CHARACTER SET utf8mb3 COLLATE
utf8_general_ci NOT NULL,
  `DELETE_MARK` varchar(3) CHARACTER SET utf8mb3 COLLATE utf8_general_ci
DEFAULT 'NO',
  `URL` varchar(200) CHARACTER SET utf8mb3 COLLATE utf8_general_ci DEFAULT
NULL,
  `PARENT_ID` int DEFAULT '1',
  `ICON` varchar(100) DEFAULT NULL,
  `PAGEKEY` varchar(500) DEFAULT NULL,
  PRIMARY KEY (`PERMISSION_ID`) USING HASH
) ENGINE=MEMORY AUTO_INCREMENT=100042 DEFAULT CHARSET=utf8mb3
ROW_FORMAT=DYNAMIC;

CREATE TABLE `DICT_ROLE` (
  `ROLE_ID` int NOT NULL AUTO_INCREMENT,
  `CREATE_TIME` timestamp NULL DEFAULT CURRENT_TIMESTAMP,
  `ROLE_NAME` varchar(30) CHARACTER SET utf8mb3 COLLATE utf8_general_ci NOT
NULL,
  `DELETE_MARK` varchar(3) CHARACTER SET utf8mb3 COLLATE utf8_general_ci
DEFAULT 'NO',
  PRIMARY KEY (`ROLE_ID`) USING HASH
) ENGINE=MEMORY AUTO_INCREMENT=10032 DEFAULT CHARSET=utf8mb3
ROW_FORMAT=DYNAMIC;

CREATE TABLE `DICT_ROLE_MENU` (
  `ID` int NOT NULL AUTO_INCREMENT,
  `ROLE_ID` int NOT NULL,
  `MENU_ID` int NOT NULL,
  `CREATE_TIME` timestamp NULL DEFAULT CURRENT_TIMESTAMP,
  `DELETE_MARK` varchar(3) DEFAULT 'NO',
  PRIMARY KEY (`ID`)
) ENGINE=InnoDB AUTO_INCREMENT=10039 DEFAULT CHARSET=utf8mb4
COLLATE=utf8mb4_0900_ai_ci;

CREATE TABLE `DICT_ROLE_PERMISSION` (
  `ID` int NOT NULL AUTO_INCREMENT,
  `CREATE_TIME` timestamp NULL DEFAULT CURRENT_TIMESTAMP,
  `PERMISSION_ID` int NOT NULL,
  `ROLE_ID` int NOT NULL,
  `DELETE_MARK` varchar(3) CHARACTER SET utf8mb3 COLLATE utf8_general_ci
DEFAULT 'NO',
  `LOCKED_MARK` varchar(3) DEFAULT 'NO',
  PRIMARY KEY (`ID`) USING HASH
) ENGINE=MEMORY AUTO_INCREMENT=10237 DEFAULT CHARSET=utf8mb3
ROW_FORMAT=DYNAMIC;

CREATE TABLE `DICT_SCOPE` (
  `SCOPE_ID` int NOT NULL AUTO_INCREMENT,
  `CREATE_TIME` timestamp NULL DEFAULT CURRENT_TIMESTAMP,
```

```
  `DELETE_MARK` varchar(3) DEFAULT 'NO',
  `SCOPE` varchar(100) NOT NULL,
  PRIMARY KEY (`SCOPE_ID`)
) ENGINE=InnoDB AUTO_INCREMENT=10002 DEFAULT CHARSET=utf8mb4
COLLATE=utf8mb4_0900_ai_ci;

CREATE TABLE `DICT_STATUS` (
  `STATUS_ID` int NOT NULL AUTO_INCREMENT,
  `CREATE_TIME` timestamp NULL DEFAULT CURRENT_TIMESTAMP,
  `DELETE_MARK` varchar(3) DEFAULT 'NO',
  `STATUS` varchar(200) NOT NULL,
  PRIMARY KEY (`STATUS_ID`)
) ENGINE=InnoDB AUTO_INCREMENT=4 DEFAULT CHARSET=utf8mb4
COLLATE=utf8mb4_0900_ai_ci;

CREATE TABLE `DICT_SYS_OPERATION` (
  `OPER_ID` int NOT NULL AUTO_INCREMENT,
  `CREATE_TIME` timestamp NULL DEFAULT CURRENT_TIMESTAMP,
  `DELETE_MARK` varchar(3) DEFAULT 'NO',
  `OPER` varchar(200) NOT NULL,
  PRIMARY KEY (`OPER_ID`)
) ENGINE=InnoDB AUTO_INCREMENT=10004 DEFAULT CHARSET=utf8mb4
COLLATE=utf8mb4_0900_ai_ci;

CREATE TABLE `DICT_USER_ROLE` (
  `ID` int NOT NULL AUTO_INCREMENT,
  `CREATE_TIME` timestamp NULL DEFAULT CURRENT_TIMESTAMP,
  `USER_ID` int NOT NULL,
  `ROLE_ID` int NOT NULL,
  `DELETE_MARK` varchar(3) CHARACTER SET utf8mb3 COLLATE utf8_unicode_ci
DEFAULT 'NO',
  `LOCKED_MARK` varchar(3) COLLATE utf8_unicode_ci DEFAULT 'NO',
  `GROUP_ID` int DEFAULT '10005',
  PRIMARY KEY (`ID`) USING BTREE
) ENGINE=InnoDB AUTO_INCREMENT=21527 DEFAULT CHARSET=utf8mb3
COLLATE=utf8_unicode_ci ROW_FORMAT=DYNAMIC;

CREATE TABLE `MESSAGE` (
  `MESSAGE_ID` int NOT NULL AUTO_INCREMENT,
  `CREATE_TIME` timestamp NULL DEFAULT CURRENT_TIMESTAMP,
  `DELETE_MARK` varchar(3) DEFAULT 'NO',
  `CONTENT` varchar(1000) NOT NULL,
  `SCOPE` int DEFAULT NULL,
  `SPECIFIC_USERS` varchar(4000) DEFAULT NULL,
  `TITLE` varchar(100) NOT NULL,
  PRIMARY KEY (`MESSAGE_ID`)
) ENGINE=InnoDB AUTO_INCREMENT=12 DEFAULT CHARSET=utf8mb4
COLLATE=utf8mb4_0900_ai_ci;

CREATE TABLE `REPORT` (
  `REPORT_ID` int NOT NULL AUTO_INCREMENT,
  `CREATE_TIME` timestamp NULL DEFAULT CURRENT_TIMESTAMP,
  `DELETE_MARK` varchar(3) DEFAULT 'NO',
  `OBJTYPE_ID` int NOT NULL,
  `DEFENSE` int NOT NULL,
  `REASON` varchar(500) CHARACTER SET utf8mb4 COLLATE utf8mb4_0900_ai_ci
NOT NULL,
  `PROSECUTION` mediumtext NOT NULL,
```

```
  `HANDLE_MARK` varchar(3) DEFAULT 'NO',
  PRIMARY KEY (`REPORT_ID`)
) ENGINE=InnoDB AUTO_INCREMENT=10030 DEFAULT CHARSET=utf8mb4
COLLATE=utf8mb4_0900_ai_ci;

CREATE TABLE `SYSLOG` (
  `LOG_ID` int NOT NULL AUTO_INCREMENT,
  `CREATE_TIME` timestamp NULL DEFAULT CURRENT_TIMESTAMP,
  `DELETE_MARK` varchar(3) DEFAULT 'NO',
  `OBJTYPE_ID` int NOT NULL,
  `OBJ_ID` int NOT NULL,
  `OPERATOR` int NOT NULL,
  `OPERATION` int NOT NULL,
  `MESSAGE` varchar(200) NOT NULL,
  PRIMARY KEY (`LOG_ID`)
) ENGINE=InnoDB AUTO_INCREMENT=280 DEFAULT CHARSET=utf8mb4
COLLATE=utf8mb4_0900_ai_ci;

CREATE TABLE `USER` (
  `USER_ID` int NOT NULL AUTO_INCREMENT,
  `CREATE_TIME` timestamp NULL DEFAULT CURRENT_TIMESTAMP,
  `COUNTRY` varchar(50) CHARACTER SET utf8mb3 COLLATE utf8_general_ci
DEFAULT NULL,
  `CITY` varchar(50) CHARACTER SET utf8mb3 COLLATE utf8_general_ci DEFAULT
NULL,
  `NAME` varchar(100) DEFAULT NULL,
  `IDENTITY_NO` varchar(30) DEFAULT NULL,
  `IFVERIFIED` varchar(3) DEFAULT 'NO',
  `DELETE_MARK` varchar(3) DEFAULT 'NO',
  PRIMARY KEY (`USER_ID`) USING HASH
) ENGINE=MEMORY AUTO_INCREMENT=10023 DEFAULT CHARSET=utf8mb3
ROW_FORMAT=DYNAMIC;

CREATE TABLE `USER_AUTH` (
  `AUTH_ID` int NOT NULL AUTO_INCREMENT,
  `USER_ID` int NOT NULL,
  `CREATE_TIME` timestamp NULL DEFAULT CURRENT_TIMESTAMP,
  `IDENTITY_TYPE` int NOT NULL,
  `IDENTIFIER` varchar(50) CHARACTER SET utf8mb3 COLLATE utf8_general_ci
NOT NULL,
  `CREDENTIAL` varchar(100) CHARACTER SET utf8mb3 COLLATE utf8_general_ci
NOT NULL,
  `IFVERIFIED` varchar(3) CHARACTER SET utf8mb3 COLLATE utf8_general_ci
DEFAULT 'NO',
  `DELETE_MARK` varchar(3) DEFAULT 'NO',
  PRIMARY KEY (`AUTH_ID`) USING HASH
) ENGINE=MEMORY AUTO_INCREMENT=10021 DEFAULT CHARSET=utf8mb3
ROW_FORMAT=DYNAMIC;

```

数据库-UAhouse

```
共6张表
CREATE TABLE `Contact` (
  `contactId` int NOT NULL AUTO_INCREMENT,
  `houseId` int NOT NULL,
  `createTime` timestamp NULL DEFAULT CURRENT_TIMESTAMP,
```

```
  `deleteMark` varchar(3) CHARACTER SET utf8mb4 COLLATE utf8mb4_0900_ai_ci DEFAULT 'NO',
  `content` varchar(200) CHARACTER SET utf8mb4 COLLATE utf8mb4_0900_ai_ci NOT NULL,
  `typeId` int NOT NULL,
  PRIMARY KEY (`contactId`) USING BTREE
) ENGINE=InnoDB AUTO_INCREMENT=82 DEFAULT CHARSET=utf8mb4 COLLATE=utf8mb4_0900_ai_ci;

CREATE TABLE `contactType` (
  `typeId` int NOT NULL AUTO_INCREMENT,
  `createTime` timestamp NULL DEFAULT CURRENT_TIMESTAMP,
  `deleteMark` varchar(3) CHARACTER SET utf8mb4 COLLATE utf8mb4_0900_ai_ci DEFAULT 'NO',
  `contactName` varchar(30) CHARACTER SET utf8mb4 COLLATE utf8mb4_0900_ai_ci NOT NULL,
  PRIMARY KEY (`typeId`) USING BTREE
) ENGINE=InnoDB AUTO_INCREMENT=6 DEFAULT CHARSET=utf8mb4 COLLATE=utf8mb4_0900_ai_ci;

CREATE TABLE `filename` (
  `picId` int NOT NULL AUTO_INCREMENT,
  `createTime` timestamp NOT NULL DEFAULT CURRENT_TIMESTAMP,
  `deleteMark` varchar(255) NOT NULL DEFAULT 'NO',
  `filePath` varchar(500) NOT NULL,
  `houseId` int NOT NULL,
  PRIMARY KEY (`picId`)
) ENGINE=InnoDB AUTO_INCREMENT=24 DEFAULT CHARSET=utf8mb4 COLLATE=utf8mb4_0900_ai_ci;

CREATE TABLE `HouseInfo` (
  `houseId` int unsigned NOT NULL AUTO_INCREMENT,
  `userId` int NOT NULL,
  `createTime` timestamp NOT NULL DEFAULT CURRENT_TIMESTAMP,
  `deleteMark` varchar(3) CHARACTER SET utf8mb4 COLLATE utf8mb4_0900_ai_ci NOT NULL DEFAULT 'NO',
  `title` varchar(200) CHARACTER SET utf8mb4 COLLATE utf8mb4_0900_ai_ci DEFAULT 'WE CAN OFFER HELP',
  `country` varchar(200) CHARACTER SET utf8mb4 COLLATE utf8mb4_0900_ai_ci NOT NULL,
  `province` varchar(200) CHARACTER SET utf8mb4 COLLATE utf8mb4_0900_ai_ci NOT NULL,
  `city` varchar(200) CHARACTER SET utf8mb4 COLLATE utf8mb4_0900_ai_ci NOT NULL,
  `address` varchar(500) CHARACTER SET utf8mb4 COLLATE utf8mb4_0900_ai_ci DEFAULT NULL,
  `guests` int DEFAULT '1',
  `pets` varchar(3) CHARACTER SET utf8mb4 COLLATE utf8mb4_0900_ai_ci DEFAULT 'NO',
  `duration` int DEFAULT '1',
  `description` varchar(500) CHARACTER SET utf8mb4 COLLATE utf8mb4_0900_ai_ci DEFAULT NULL,
  `active` varchar(3) CHARACTER SET utf8mb4 COLLATE utf8mb4_0900_ai_ci DEFAULT 'YES',
  PRIMARY KEY (`houseId`) USING BTREE
) ENGINE=InnoDB AUTO_INCREMENT=61 DEFAULT CHARSET=utf8mb4 COLLATE=utf8mb4_0900_ai_ci;

```

```
CREATE TABLE `tag` (
  `tagId` int NOT NULL AUTO_INCREMENT,
  `houseId` int NOT NULL,
  `createTime` timestamp NULL DEFAULT CURRENT_TIMESTAMP,
  `deleteMark` varchar(3) CHARACTER SET utf8mb4 COLLATE utf8mb4_0900_ai_ci DEFAULT 'NO',
  `typeId` int NOT NULL,
  PRIMARY KEY (`tagId`) USING BTREE
) ENGINE=InnoDB AUTO_INCREMENT=143 DEFAULT CHARSET=utf8mb4 COLLATE=utf8mb4_0900_ai_ci;

CREATE TABLE `tagType` (
  `typeId` int NOT NULL AUTO_INCREMENT,
  `createTime` timestamp NULL DEFAULT CURRENT_TIMESTAMP,
  `deleteMark` varchar(3) CHARACTER SET utf8mb4 COLLATE utf8mb4_0900_ai_ci DEFAULT 'NO',
  `tagName` varchar(50) CHARACTER SET utf8mb4 COLLATE utf8mb4_0900_ai_ci NOT NULL,
  PRIMARY KEY (`typeId`) USING BTREE
) ENGINE=InnoDB AUTO_INCREMENT=7 DEFAULT CHARSET=utf8mb4 COLLATE=utf8mb4_0900_ai_ci;
```

数据库 UANews

```
一张表
CREATE TABLE `article` (
  `articleId` int NOT NULL AUTO_INCREMENT COMMENT 'int文章的唯一ID',
  `createTime` timestamp NULL DEFAULT CURRENT_TIMESTAMP,
  `deleteMark` varchar(3) CHARACTER SET utf8mb3 COLLATE utf8_general_ci DEFAULT 'NO',
  `author` int NOT NULL,
  `title` varchar(100) NOT NULL COMMENT '标题',
  `content` longtext NOT NULL COMMENT '文章的内容',
  `status` int DEFAULT '1',
  `groupId` int DEFAULT NULL,
  PRIMARY KEY (`articleId`) USING BTREE
) ENGINE=InnoDB AUTO_INCREMENT=42 DEFAULT CHARSET=utf8mb3;
```

附录2-nginx.conf

```
# For more information on configuration, see:
#   * Official English Documentation: http://nginx.org/en/docs/
#   * Official Russian Documentation: http://nginx.org/ru/docs/

user nginx;
worker_processes auto;
error_log /var/log/nginx/error.log;
 pid /run/nginx.pid;

# Load dynamic modules. See /usr/share/nginx/README.dynamic.
include /usr/share/nginx/modules/*.conf;

events {
    worker_connections 1024;
}
```

```
16
17  http {
18
19      log_format  main  '$remote_addr - $remote_user [$time_local] "$request"
    '
20                        '$status $body_bytes_sent "$http_referer" '
21                        '"$http_user_agent" "$http_x_forwarded_for"';
22
23      access_log  /var/log/nginx/access.log  main;
24
25  limit_req_zone $uri zone=api_read:20m rate=50r/s;
26
27      limit_conn_zone $binary_remote_addr zone=addr:10m;
28   limit_conn_zone $server_name zone=perserver_conn:100m;
29
30
31      sendfile            on;
32      tcp_nopush          on;
33      tcp_nodelay         on;
34      keepalive_timeout   65;
35      types_hash_max_size 2048;
36
37      include             /etc/nginx/mime.types;
38      default_type        application/octet-stream;
39
40      # Load modular configuration files from the /etc/nginx/conf.d
    directory.
41      # See http://nginx.org/en/docs/ngx_core_module.html#include
42      # for more information.
43      include /etc/nginx/conf.d/*.conf;
44
45      server {
46          listen       80 ;
47
48          server_name  localhost;
49
50
51          location / {
52          root  /Uk/build;
53          index  index.html;
54          try_files $uri /index.html;
55          # proxy_pass http://my_upstream;
56          }
57
58          error_page 404 /404.html;
59              location = /40x.html {
60          }
61
62          error_page 500 502 503 504 /50x.html;
63              location = /50x.html {
64          }
65      }
66  upstream gateway {
67
68          server 127.0.0.1:9001;
69          server 127.0.0.1:9002;
70          server 127.0.0.2:9011;
71      }
```

```
72
73
74      server {
75
76          listen       81;
77          server_name  localhost;
78          root         /usr/share/nginx/html;
79
80  limit_req zone=api_read burst=100;
81  # limit_conn perip_conn 50;
82   limit_conn perserver_conn 200;
83
84          # Load configuration files for the default server block.
85          include /etc/nginx/default.d/*.conf;
86
87          location / {
88  #limit_req zone=api_read burst=100;
89   #limit_conn perip_conn 50;
90   #limit_conn perserver_conn 200;
91
92      proxy_pass http://gateway/;
93      proxy_connect_timeout 6000;
94      proxy_read_timeout 6000;
95          }
96
97          error_page 404 /404.html;
98              location = /40x.html {
99          }
100
101         error_page 500 502 503 504 /50x.html;
102             location = /50x.html {
103         }
104     }
105
106
107 # Settings for a TLS enabled server.
108 #
109 #    server {
110 #        listen       443 ssl http2 default_server;
111 #        listen       [::]:443 ssl http2 default_server;
112 #        server_name  _;
113 #        root         /usr/share/nginx/html;
114 #
115 #        ssl_certificate "/etc/pki/nginx/server.crt";
116 #        ssl_certificate_key "/etc/pki/nginx/private/server.key";
117 #        ssl_session_cache shared:SSL:1m;
118 #        ssl_session_timeout  10m;
119 #        ssl_ciphers HIGH:!aNULL:!MD5;
120 #        ssl_prefer_server_ciphers on;
121 #
122 #        # Load configuration files for the default server block.
123 #        include /etc/nginx/default.d/*.conf;
124 #
125 #        location / {
126 #        }
127 #
128 #        error_page 404 /404.html;
129 #            location = /40x.html {
```

```
#        }
#
#        error_page 500 502 503 504 /50x.html;
#            location = /50x.html {
#        }
#    }

}

```

附录3-nginx配置

```
/*
Navicat MySQL Data Transfer
Source Server         : 1.15.150.139-MES
Source Server Version : 50736
Source Host           : 1.15.150.139:3306
Source Database       : nacos-mysql
Target Server Type    : MYSQL
Target Server Version : 50736
File Encoding         : 65001
Date: 2022-02-17 14:57:58
*/

SET FOREIGN_KEY_CHECKS=0;

-- ----------------------------
-- Table structure for config_info
-- ----------------------------
DROP TABLE IF EXISTS `config_info`;
CREATE TABLE `config_info` (
  `id` bigint(20) NOT NULL AUTO_INCREMENT COMMENT 'id',
  `data_id` varchar(255) COLLATE utf8_bin NOT NULL COMMENT 'data_id',
  `group_id` varchar(255) COLLATE utf8_bin DEFAULT NULL,
  `content` longtext COLLATE utf8_bin NOT NULL COMMENT 'content',
  `md5` varchar(32) COLLATE utf8_bin DEFAULT NULL COMMENT 'md5',
  `gmt_create` datetime NOT NULL DEFAULT '2010-05-05 00:00:00' COMMENT '创建时间',
  `gmt_modified` datetime NOT NULL DEFAULT '2010-05-05 00:00:00' COMMENT '修改时间',
  `src_user` text COLLATE utf8_bin COMMENT 'source user',
  `src_ip` varchar(20) COLLATE utf8_bin DEFAULT NULL COMMENT 'source ip',
  `app_name` varchar(128) COLLATE utf8_bin DEFAULT NULL,
  `tenant_id` varchar(128) COLLATE utf8_bin DEFAULT '' COMMENT '租户字段',
  `c_desc` varchar(256) COLLATE utf8_bin DEFAULT NULL,
  `c_use` varchar(64) COLLATE utf8_bin DEFAULT NULL,
  `effect` varchar(64) COLLATE utf8_bin DEFAULT NULL,
  `type` varchar(64) COLLATE utf8_bin DEFAULT NULL,
  `c_schema` text COLLATE utf8_bin,
  PRIMARY KEY (`id`),
  UNIQUE KEY `uk_configinfo_datagrouptenant` (`data_id`,`group_id`,`tenant_id`)
) ENGINE=InnoDB DEFAULT CHARSET=utf8 COLLATE=utf8_bin COMMENT='config_info';

-- ----------------------------
```

```sql
-- Records of config_info
-- ----------------------------

-- ----------------------------
-- Table structure for config_info_aggr
-- ----------------------------
DROP TABLE IF EXISTS `config_info_aggr`;
CREATE TABLE `config_info_aggr` (
  `id` bigint(20) NOT NULL AUTO_INCREMENT COMMENT 'id',
  `data_id` varchar(255) COLLATE utf8_bin NOT NULL COMMENT 'data_id',
  `group_id` varchar(255) COLLATE utf8_bin NOT NULL COMMENT 'group_id',
  `datum_id` varchar(255) COLLATE utf8_bin NOT NULL COMMENT 'datum_id',
  `content` longtext COLLATE utf8_bin NOT NULL COMMENT '内容',
  `gmt_modified` datetime NOT NULL COMMENT '修改时间',
  `app_name` varchar(128) COLLATE utf8_bin DEFAULT NULL,
  `tenant_id` varchar(128) COLLATE utf8_bin DEFAULT '' COMMENT '租户字段',
  PRIMARY KEY (`id`),
  UNIQUE KEY `uk_configinfoaggr_datagrouptenantdatum`
(`data_id`,`group_id`,`tenant_id`,`datum_id`)
) ENGINE=InnoDB DEFAULT CHARSET=utf8 COLLATE=utf8_bin COMMENT='增加租户字段';

-- ----------------------------
-- Records of config_info_aggr
-- ----------------------------

-- ----------------------------
-- Table structure for config_info_beta
-- ----------------------------
DROP TABLE IF EXISTS `config_info_beta`;
CREATE TABLE `config_info_beta` (
  `id` bigint(20) NOT NULL AUTO_INCREMENT COMMENT 'id',
  `data_id` varchar(255) COLLATE utf8_bin NOT NULL COMMENT 'data_id',
  `group_id` varchar(128) COLLATE utf8_bin NOT NULL COMMENT 'group_id',
  `app_name` varchar(128) COLLATE utf8_bin DEFAULT NULL COMMENT 'app_name',
  `content` longtext COLLATE utf8_bin NOT NULL COMMENT 'content',
  `beta_ips` varchar(1024) COLLATE utf8_bin DEFAULT NULL COMMENT 'betaIps',
  `md5` varchar(32) COLLATE utf8_bin DEFAULT NULL COMMENT 'md5',
  `gmt_create` datetime NOT NULL DEFAULT '2010-05-05 00:00:00' COMMENT '创建
时间',
  `gmt_modified` datetime NOT NULL DEFAULT '2010-05-05 00:00:00' COMMENT '修
改时间',
  `src_user` text COLLATE utf8_bin COMMENT 'source user',
  `src_ip` varchar(20) COLLATE utf8_bin DEFAULT NULL COMMENT 'source ip',
  `tenant_id` varchar(128) COLLATE utf8_bin DEFAULT '' COMMENT '租户字段',
  PRIMARY KEY (`id`),
  UNIQUE KEY `uk_configinfobeta_datagrouptenant`
(`data_id`,`group_id`,`tenant_id`)
) ENGINE=InnoDB DEFAULT CHARSET=utf8 COLLATE=utf8_bin
COMMENT='config_info_beta';

-- ----------------------------
-- Records of config_info_beta
-- ----------------------------

-- ----------------------------
-- Table structure for config_info_tag
-- ----------------------------
DROP TABLE IF EXISTS `config_info_tag`;
```

```sql
CREATE TABLE `config_info_tag` (
  `id` bigint(20) NOT NULL AUTO_INCREMENT COMMENT 'id',
  `data_id` varchar(255) COLLATE utf8_bin NOT NULL COMMENT 'data_id',
  `group_id` varchar(128) COLLATE utf8_bin NOT NULL COMMENT 'group_id',
  `tenant_id` varchar(128) COLLATE utf8_bin DEFAULT '' COMMENT 'tenant_id',
  `tag_id` varchar(128) COLLATE utf8_bin NOT NULL COMMENT 'tag_id',
  `app_name` varchar(128) COLLATE utf8_bin DEFAULT NULL COMMENT 'app_name',
  `content` longtext COLLATE utf8_bin NOT NULL COMMENT 'content',
  `md5` varchar(32) COLLATE utf8_bin DEFAULT NULL COMMENT 'md5',
  `gmt_create` datetime NOT NULL DEFAULT '2010-05-05 00:00:00' COMMENT '创建时间',
  `gmt_modified` datetime NOT NULL DEFAULT '2010-05-05 00:00:00' COMMENT '修改时间',
  `src_user` text COLLATE utf8_bin COMMENT 'source user',
  `src_ip` varchar(20) COLLATE utf8_bin DEFAULT NULL COMMENT 'source ip',
  PRIMARY KEY (`id`),
  UNIQUE KEY `uk_configinfotag_datagrouptenanttag` (`data_id`,`group_id`,`tenant_id`,`tag_id`)
) ENGINE=InnoDB DEFAULT CHARSET=utf8 COLLATE=utf8_bin COMMENT='config_info_tag';

-- ----------------------------
-- Records of config_info_tag
-- ----------------------------

-- ----------------------------
-- Table structure for config_tags_relation
-- ----------------------------
DROP TABLE IF EXISTS `config_tags_relation`;
CREATE TABLE `config_tags_relation` (
  `id` bigint(20) NOT NULL COMMENT 'id',
  `tag_name` varchar(128) COLLATE utf8_bin NOT NULL COMMENT 'tag_name',
  `tag_type` varchar(64) COLLATE utf8_bin DEFAULT NULL COMMENT 'tag_type',
  `data_id` varchar(255) COLLATE utf8_bin NOT NULL COMMENT 'data_id',
  `group_id` varchar(128) COLLATE utf8_bin NOT NULL COMMENT 'group_id',
  `tenant_id` varchar(128) COLLATE utf8_bin DEFAULT '' COMMENT 'tenant_id',
  `nid` bigint(20) NOT NULL AUTO_INCREMENT,
  PRIMARY KEY (`nid`),
  UNIQUE KEY `uk_configtagrelation_configidtag` (`id`,`tag_name`,`tag_type`),
  KEY `idx_tenant_id` (`tenant_id`)
) ENGINE=InnoDB DEFAULT CHARSET=utf8 COLLATE=utf8_bin COMMENT='config_tag_relation';

-- ----------------------------
-- Records of config_tags_relation
-- ----------------------------

-- ----------------------------
-- Table structure for group_capacity
-- ----------------------------
DROP TABLE IF EXISTS `group_capacity`;
CREATE TABLE `group_capacity` (
  `id` bigint(20) unsigned NOT NULL AUTO_INCREMENT COMMENT '主键ID',
  `group_id` varchar(128) COLLATE utf8_bin NOT NULL DEFAULT '' COMMENT 'Group ID，空字符表示整个集群',
  `quota` int(10) unsigned NOT NULL DEFAULT '0' COMMENT '配额，0表示使用默认值',
```

```sql
  `usage` int(10) unsigned NOT NULL DEFAULT '0' COMMENT '使用量',
  `max_size` int(10) unsigned NOT NULL DEFAULT '0' COMMENT '单个配置大小上限，单位为字节，0表示使用默认值',
  `max_aggr_count` int(10) unsigned NOT NULL DEFAULT '0' COMMENT '聚合子配置最大个数，，0表示使用默认值',
  `max_aggr_size` int(10) unsigned NOT NULL DEFAULT '0' COMMENT '单个聚合数据的子配置大小上限，单位为字节，0表示使用默认值',
  `max_history_count` int(10) unsigned NOT NULL DEFAULT '0' COMMENT '最大变更历史数量',
  `gmt_create` datetime NOT NULL DEFAULT '2010-05-05 00:00:00' COMMENT '创建时间',
  `gmt_modified` datetime NOT NULL DEFAULT '2010-05-05 00:00:00' COMMENT '修改时间',
  PRIMARY KEY (`id`),
  UNIQUE KEY `uk_group_id` (`group_id`)
) ENGINE=InnoDB DEFAULT CHARSET=utf8 COLLATE=utf8_bin COMMENT='集群、各Group容量信息表';

-- ------------------------------
-- Records of group_capacity
-- ------------------------------

-- ------------------------------
-- Table structure for his_config_info
-- ------------------------------
DROP TABLE IF EXISTS `his_config_info`;
CREATE TABLE `his_config_info` (
  `id` bigint(64) unsigned NOT NULL,
  `nid` bigint(20) unsigned NOT NULL AUTO_INCREMENT,
  `data_id` varchar(255) COLLATE utf8_bin NOT NULL,
  `group_id` varchar(128) COLLATE utf8_bin NOT NULL,
  `app_name` varchar(128) COLLATE utf8_bin DEFAULT NULL COMMENT 'app_name',
  `content` longtext COLLATE utf8_bin NOT NULL,
  `md5` varchar(32) COLLATE utf8_bin DEFAULT NULL,
  `gmt_create` datetime NOT NULL DEFAULT '2010-05-05 00:00:00',
  `gmt_modified` datetime NOT NULL DEFAULT '2010-05-05 00:00:00',
  `src_user` text COLLATE utf8_bin,
  `src_ip` varchar(20) COLLATE utf8_bin DEFAULT NULL,
  `op_type` char(10) COLLATE utf8_bin DEFAULT NULL,
  `tenant_id` varchar(128) COLLATE utf8_bin DEFAULT '' COMMENT '租户字段',
  PRIMARY KEY (`nid`),
  KEY `idx_gmt_create` (`gmt_create`),
  KEY `idx_gmt_modified` (`gmt_modified`),
  KEY `idx_did` (`data_id`)
) ENGINE=InnoDB DEFAULT CHARSET=utf8 COLLATE=utf8_bin COMMENT='多租户改造';

-- ------------------------------
-- Records of his_config_info
-- ------------------------------

-- ------------------------------
-- Table structure for roles
-- ------------------------------
DROP TABLE IF EXISTS `roles`;
CREATE TABLE `roles` (
  `username` varchar(50) NOT NULL,
  `role` varchar(50) NOT NULL
) ENGINE=InnoDB DEFAULT CHARSET=utf8;
```

```
195
196 -- ----------------------------
197 -- Records of roles
198 -- ----------------------------
199 INSERT INTO `roles` VALUES ('nacos', 'ROLE_ADMIN');
200
201 -- ----------------------------
202 -- Table structure for tenant_capacity
203 -- ----------------------------
204 DROP TABLE IF EXISTS `tenant_capacity`;
205 CREATE TABLE `tenant_capacity` (
206   `id` bigint(20) unsigned NOT NULL AUTO_INCREMENT COMMENT '主键ID',
207   `tenant_id` varchar(128) COLLATE utf8_bin NOT NULL DEFAULT '' COMMENT
    'Tenant ID',
208   `quota` int(10) unsigned NOT NULL DEFAULT '0' COMMENT '配额，0表示使用默认
    值',
209   `usage` int(10) unsigned NOT NULL DEFAULT '0' COMMENT '使用量',
210   `max_size` int(10) unsigned NOT NULL DEFAULT '0' COMMENT '单个配置大小上限，
    单位为字节，0表示使用默认值',
211   `max_aggr_count` int(10) unsigned NOT NULL DEFAULT '0' COMMENT '聚合子配置
    最大个数',
212   `max_aggr_size` int(10) unsigned NOT NULL DEFAULT '0' COMMENT '单个聚合数据
    的子配置大小上限，单位为字节，0表示使用默认值',
213   `max_history_count` int(10) unsigned NOT NULL DEFAULT '0' COMMENT '最大变
    更历史数量',
214   `gmt_create` datetime NOT NULL DEFAULT '2010-05-05 00:00:00' COMMENT '创建
    时间',
215   `gmt_modified` datetime NOT NULL DEFAULT '2010-05-05 00:00:00' COMMENT '修
    改时间',
216   PRIMARY KEY (`id`),
217   UNIQUE KEY `uk_tenant_id` (`tenant_id`)
218 ) ENGINE=InnoDB DEFAULT CHARSET=utf8 COLLATE=utf8_bin COMMENT='租户容量信息
    表';
219
220 -- ----------------------------
221 -- Records of tenant_capacity
222 -- ----------------------------
223
224 -- ----------------------------
225 -- Table structure for tenant_info
226 -- ----------------------------
227 DROP TABLE IF EXISTS `tenant_info`;
228 CREATE TABLE `tenant_info` (
229   `id` bigint(20) NOT NULL AUTO_INCREMENT COMMENT 'id',
230   `kp` varchar(128) COLLATE utf8_bin NOT NULL COMMENT 'kp',
231   `tenant_id` varchar(128) COLLATE utf8_bin DEFAULT '' COMMENT 'tenant_id',
232   `tenant_name` varchar(128) COLLATE utf8_bin DEFAULT '' COMMENT
    'tenant_name',
233   `tenant_desc` varchar(256) COLLATE utf8_bin DEFAULT NULL COMMENT
    'tenant_desc',
234   `create_source` varchar(32) COLLATE utf8_bin DEFAULT NULL COMMENT
    'create_source',
235   `gmt_create` bigint(20) NOT NULL COMMENT '创建时间',
236   `gmt_modified` bigint(20) NOT NULL COMMENT '修改时间',
237   PRIMARY KEY (`id`),
238   UNIQUE KEY `uk_tenant_info_kptenantid` (`kp`,`tenant_id`),
239   KEY `idx_tenant_id` (`tenant_id`)
```

```
) ENGINE=InnoDB DEFAULT CHARSET=utf8 COLLATE=utf8_bin
COMMENT='tenant_info';

-- ----------------------------
-- Records of tenant_info
-- ----------------------------

-- ----------------------------
-- Table structure for users
-- ----------------------------
DROP TABLE IF EXISTS `users`;
CREATE TABLE `users` (
  `username` varchar(50) NOT NULL,
  `password` varchar(500) NOT NULL,
  `enabled` tinyint(1) NOT NULL,
  PRIMARY KEY (`username`)
) ENGINE=InnoDB DEFAULT CHARSET=utf8;

-- ----------------------------
-- Records of users
-- ----------------------------
INSERT INTO `users` VALUES ('nacos',
'$2a$10$EuWPZHzz32dJN7jexM34MOeYirDdFAZm2kuWj7VEOJhhZkDrxfvUu', '1');
```