

RocketMQ服务器运行分析

2021年11月5日 22:18

所有可以运行的东西位于bin目录下

```
root@c17fd8acc2094d86943f6a2d694e9c98slave5:/home/mybaby/rocketmq-rocketmq-all-4.9.2/distribution/bin# ls
README.md      export.sh      mqbroker.numanode0  mqnamesrv.cmd   play.sh         setcache.sh
cachedog.sh    mqadmin        mqbroker.numanode1  mqshutdown      runbroker.cmd  startfsrv.sh
cleancache.sh  mqadmin.cmd   mqbroker.numanode2  mqshutdown.cmd  runbroker.sh   tools.cmd
cleancache.v1.sh mqbroker      mqbroker.numanode3  os.sh           runserver.cmd  tools.sh
dledger        mqbroker.cmd  mqnamesrv          play.cmd        runserver.sh
```

其中mqbroker是用来启动mqbroker的，mqnamesrv是用来启动nameserver的
mqshutdown是用来关闭nameserver和broker的

```
root@5b654719641f: ~/rocketmq-all-4.7.1-bin-release
root@5b654719641f: # ls
JavaEEPlatform logs rocketmq-all-4.7.1-bin-release rocketmq-all-4.7.1-bin-release.zip store
root@5b654719641f: # cd rocketmq-all-4.7.1-bin-release
root@5b654719641f: ~/rocketmq-all-4.7.1-bin-release# ls
LICENSE NOTICE README.md benchmark bin conf lib logs nohup.out
root@5b654719641f: ~/rocketmq-all-4.7.1-bin-release# cd bin
root@5b654719641f: ~/rocketmq-all-4.7.1-bin-release/bin# ls
README.md      mqadmin        mqbroker.numanode1  mqshutdown      play.sh         setcache.sh
cachedog.sh    mqadmin.cmd    mqbroker.numanode2  mqshutdown.cmd  runbroker.cmd  startfsrv.sh
cleancache.sh  mqbroker       mqbroker.numanode3  nohup.out       runbroker.sh   tail
cleancache.v1.sh mqbroker.cmd   mqnamesrv           os.sh           runserver.cmd  tools.cmd
dledger        mqbroker.numanode0 mqnamesrv.cmd       play.cmd        runserver.sh   tools.sh
root@5b654719641f: ~/rocketmq-all-4.7.1-bin-release/bin# cd ..
root@5b654719641f: ~/rocketmq-all-4.7.1-bin-release# nohup bin/mqnamesrv &
[1] 19
root@5b654719641f: ~/rocketmq-all-4.7.1-bin-release# nohup: ignoring input and appending output to 'nohup.out'

root@5b654719641f: ~/rocketmq-all-4.7.1-bin-release# cat nohup.out
OpenJDK 64-Bit Server VM warning: Using the DefNew young collector with the CMS collector is deprecated and will likely be removed in a future release
OpenJDK 64-Bit Server VM warning: UseCMSCompactAtFullCollection is deprecated and will likely be removed in a future release.
The Name Server boot success. serializeType=JSON
The broker[broker-a, 192.168.31.241:10911] boot success. serializeType=JSON and name server is 192.168.31.241:9876
OpenJDK 64-Bit Server VM warning: Using the DefNew young collector with the CMS collector is deprecated and will likely be removed in a future release
OpenJDK 64-Bit Server VM warning: UseCMSCompactAtFullCollection is deprecated and will likely be removed in a future release.
The Name Server boot success. serializeType=JSON
root@5b654719641f: ~/rocketmq-all-4.7.1-bin-release# tail -
```

按照顺序，首先要启动nameserver

回到bin的上一级目录

用到的命令: nohup bin/mqnamesrv &

nohup和&是让nameserver始终在后台运行

运行起来后，使用cat nohup.out查看nohup.out，有

```
The Name Server boot success. serializeType=JSON
```

说明nameserver运行成功

因为rocketmq默认用的是logback，日志放在用户目录下，使用tail -f ../logs/rocketmqlogs/namesrv.log

然后我们启动broker

使用nohup bin/mqbroker -n [nameserver地址]:9876 -c conf/broker.conf &来运行

查看nohup.out，有

```
The broker[broker-a, 192.168.31.241:10911] boot success. serializeType=JSON and name server is 192.168.31.241:9876
```

说明broker启动成功

(若无法启动，可尝试删除root目录下的store文件夹)