RocketMQ运维指令

## 控制台使用

RocketMQ提供有控制台及一系列控制台命令，用于管理员对主题，集群，broker等信息的管理；

* 登录控制台：

首先进入RocketMQ工程，进入/RocketMQ/bin

在该目录下有个mqadmin脚本

* 查看帮助：

在mqadmin下可以查看有哪些命令

sh mqadmin

* 查看具体命令的使用

sh mqadmin help 命令名称

例如，查看updateTopic的使用

sh mqadmin help updateTopic

## 详细命令

### 创建Topic

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **指令** | updateTopic | | **类路径** | com.alibaba.rocketmq.tools.command.topic.UpdateTopicSubCommand | |
| **参数** | | | **是否必填** | | **说明** |
| -b | | | 如果 -c为空，则必填 | | broker地址，表示topic建在该broker |
| -c | | | 如果 -b为空，则必填 | | cluster名称，表示topic建在该集群（集群可通过clusterList查询） |
| -h | | | 否 | | 打印帮助 |
| -n | | | 是 | | nameserve服务地址列表，格式ip:port;ip:port;... |
| -p | | | 否 | | 指定新topic的权限限制( W|R|WR ) |
| -r | | | 否 | | 可读队列数（默认为8） |
| -w | | | 否 | | 可写队列数（默认为8） |
| -t | | | 是 | | topic名称（名称只能使用字符 ^[a-zA-Z0-9\_-]+$ ） |
| 举例 | | 在集群DefaultCluster上创建主题Example，nameserve地址为10.45.47.168:9876 | | | |
| sh mqadmin updateTopic –n 10.45.47.168 –c DefaultCluster –t Example | | | | | |

### 删除Topic

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **指令** | deleteTopic | | **类路径** | com.alibaba.rocketmq.tools.command.topic.DeleteTopicSubCommand | |
| **参数** | | | **是否必填** | | **说明** |
| -c | | | 是 | | cluster名称，表示删除某集群下的某个topic （集群可通过clusterList查询） |
| -h | | | 否 | | 打印帮助 |
| -n | | | 是 | | nameserve服务地址列表，格式ip:port;ip:port;… |
| -t | | | 是 | | topic名称（名称只能使用字符 ^[a-zA-Z0-9\_-]+$ ） |
| 举例 | | 在集群DefaultCluster上删除主题ZTEExample，nameserve地址为10.45.47.168:9876 | | | |
| sh mqadmin deleteTopic –n 10.45.47.168:9876 –c DefaultCluster –t ZTEExample | | | | | |

### 创建（修订）订阅组

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **指令** | updateSubGroup | | **类路径** | com.alibaba.rocketmq.tools.command.consumer.UpdateSubGroupSubCommand | |
| **参数** | | | **是否必填** | | **说明** |
| -b | | | 如果 –c为空，则必填 | | broker地址，表示订阅组建在该broker |
| -c | | | 如果 –b为空，则必填 | | cluster名称，表示topic建在该集群（集群可通过clusterList查询） |
| -d | | | 否 | | 是否容许广播方式消费 |
| -g | | | 是 | | 订阅组名 |
| -i | | | 否 | | 从哪个broker开始消费 |
| -m | | | 否 | | 是否容许从队列的最小位置开始消费，默认会设置为false |
| -q | | | 否 | | 消费失败的消息放到一个重试队列，每个订阅组配置几个重试队列 |
| -r | | | 否 | | 重试消费最大次数，超过则投递到死信队列，不再投递，并报警 |
| -s | | | 否 | | 消费功能是否开启 |
| -w | | | 否 | | 发现消息堆积后，将Consumer的消费请求重定向到另外一台Slave机器 |
| -h | | | 否 | | 打印帮助 |
| -n | | | 是 | | nameserve服务地址列表，格式ip:port;ip:port;... |
| 举例 | |  | | | |
|  | | | | | |

### 删除订阅组配置

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **指令** | deleteSubGroup | | **类路径** | com.alibaba.rocketmq.tools.command.consumer.DeleteSubscriptionGroupCommand | |
| **参数** | | | **是否必填** | | **说明** |
| -b | | | 如果 –c为空，则必填 | | broker地址，表示订阅组建在该broker |
| -c | | | 如果 –b为空，则必填 | | cluster名称，表示topic建在该集群（集群可通过clusterList查询） |
| -g | | | 是 | | 订阅组名 |
| -h | | | 否 | | 打印帮助 |
| -n | | | 是 | | nameserve服务地址列表，格式ip:port;ip:port;... |
| 举例 | |  | | | |
|  | | | | | |

### 更新Broker配置文件

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **指令** | updateBrokerConfig | | **类路径** | com.alibaba.rocketmq.tools.command.broker.UpdateBrokerConfigSubCommand | |
| **参数** | | | **是否必填** | | **说明** |
| -b | | | 如果 –c为空，则必填 | | broker地址，表示订阅组建在该broker |
| -c | | | 如果 –b为空，则必填 | | cluster名称，表示topic建在该集群（集群可通过clusterList查询） |
| -k | | | 是 | | key值 |
| -v | | | 否 | | value值 |
| -h | | | 否 | | 打印帮助 |
| -n | | | 是 | | nameserve服务地址列表，格式ip:port;ip:port;... |
| 举例 | |  | | | |
|  | | | | | |

### 查看Topic列表信息

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **指令** | topicList | | **类路径** | com.alibaba.rocketmq.tools.command.broker.UpdateBrokerConfigSubCommand | |
| **参数** | | | **是否必填** | | **说明** |
| -h | | | 否 | | 打印帮助 |
| -n | | | 是 | | nameserve服务地址列表，格式ip:port;ip:port;... |
| 举例 | | nameserve地址为10.45.47.168:9876 | | | |
| sh mqadmin topicList –n 10.45.47.168:9876  打印内容：  BenchmarkTest  %RETRY%simple-consumer-test  SELF\_TEST\_TOPIC  ZTEExample  注释：上述头三个主题是RocketMQ默认预先创建 | | | | | |

### 查看Topic路由信息

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **指令** | topicRoute | | **类路径** | com.alibaba.rocketmq.tools.command.topic.TopicRouteSubCommand | |
| **参数** | | | **是否必填** | | **说明** |
| -t | | | 是 | | topic名称 |
| -h | | | 否 | | 打印帮助 |
| -n | | | 是 | | nameserve服务地址列表，格式ip:port;ip:port;... |
| **举例** | | 查看主题ZTEExample的路由，nameserve地址为10.45.47.168:9876 | | | |
| sh mqadmin topicRoute –n 10.45.47.168:9876 –t Example\_Crm  打印内容：  {  "brokerDatas":[{  "brokerAddrs":{0:"10.45.47.168:10911"  },  "brokerName":"crmdb"  }],  "queueDatas":[{  "brokerName":"crmdb",  "perm":6,  "readQueueNums":8,  "writeQueueNums":8  }]  } | | | | | |

### 查看Topic统计信息

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **指令** | topicStats | | **类路径** | com.alibaba.rocketmq.tools.command.topic.TopicStatsSubCommand | |
| **参数** | | | **是否必填** | | **说明** |
| -t | | | 是 | | topic名称 |
| -h | | | 否 | | 打印帮助 |
| -n | | | 是 | | nameserve服务地址列表，格式ip:port;ip:port;... |
| **举例** | | 查看主题ZTEExample的统计信息，nameserve地址为10.45.47.168:9876 | | | |
| sh mqadmin topicStats –n 10.45.47.168:9876 –t ZTEExample  打印内容：（统计信息里包括有offset、最后更新时间）  #Broker Name #QID #Min Offset #Max Offset #Last Updated  crmdb 0 0 1 2014-02-10 11:37:44,977  crmdb 1 0 0  crmdb 2 0 0  crmdb 3 0 0  crmdb 4 0 0  crmdb 5 0 0  crmdb 6 0 0  crmdb 7 0 0 | | | | | |

### 查看Broker统计信息

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **指令** | brokerStats | | **类路径** | com.alibaba.rocketmq.tools.command.broker.BrokerStatsSubCommand | |
| **参数** | | | **是否必填** | | **说明** |
| -b | | | 是 | | broker地址 |
| -h | | | 否 | | 打印帮助 |
| -n | | | 是 | | nameserve服务地址列表，格式ip:port;ip:port;... |
| **举例** | | 查看broker(crmdb)的统计信息，broker地址为10.45.47.168:10911,nameserve地址为10.45.47.168:9876 | | | |
| sh mqadmin brokerStats –n 10.45.47.168:9876 –b 10.45.47.168:10911  打印内容：  bootTimestamp : 1392003367470  brokerVersion : 29  brokerVersionDesc : V3\_0\_7  commitLogDiskRatio : 0.32690830974763857  commitLogMaxOffset : 217  commitLogMinOffset : 0  consumeQueueDiskRatio : 0.32690830974763857  dispatchMaxBuffer : 1  getFoundTps : 0.0 0.0 0.0  getMessageEntireTimeMax : 4  getMissTps : 0.0 0.0 0.0  getTotalTps : 0.0 0.0 0.0  getTransferedTps : 0.0 0.0 0.0  msgGetTotalTodayMorning : 0  msgGetTotalTodayNow : 1  msgGetTotalYesterdayMorning : 0  msgPutTotalTodayMorning : 0  msgPutTotalTodayNow : 1  msgPutTotalYesterdayMorning : 0  putMessageAverageSize : 217.0  putMessageDistributeTime :  0(0.0%)  1(100.0%)  0(0.0%)  0(0.0%)  0(0.0%)  0(0.0%)  0(0.0%)  putMessageEntireTimeMax : 6  putMessageSizeTotal : 217  putMessageTimesTotal : 1  putTps : 0.0 0.0 0.0  runtime : [ 0 days, 3 hours, 21 minutes, 1 seconds ]  sendThreadPoolQueueCapacity : 100000  sendThreadPoolQueueSize : 0 | | | | | |

### 根据消息ID查询消息

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **指令** | queryMsgById | | **类路径** | com.alibaba.rocketmq.tools.command.message.QueryMsgByIdSubCommand | |
| **参数** | | | **是否必填** | | **说明** |
| -i | | | 是 | | msgId |
| -h | | | 否 | | 打印帮助 |
| -n | | | 是 | | nameserve服务地址列表，格式ip:port;ip:port;... |
| **举例** | | 查询msgId= 0A2D2FA800002A9F0000000000000000的消息，nameserve地址为10.45.47.168:9876 | | | |
| sh mqadmin queryMsgById –n 10.45.47.168:9876 –i 0A2D2FA800002A9F0000000000000000  打印内容:  Topic: ZTEExample  Tags: [SimpleTest]  Keys: [SimpleTest-1]  Queue ID: 0  Queue Offset: 0  CommitLog Offset: 0  Born Timestamp: 2014-02-26 14:49:10,875  Store Timestamp: 2014-02-26 14:48:44,840  Born Host: 10.45.46.229:4231  Store Host: 10.45.47.168:10911  System Flag: 0  Properties: {TAGS=SimpleTest, KEYS=SimpleTest-1, WAIT=true}  Message Body Path: /tmp/rocketmq/msgbodys/0A2D2FA800002A9F0000000000000000 | | | | | |

### 根据消息Key查询消息

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **指令** | queryMsgByKey | | **类路径** | com.alibaba.rocketmq.tools.command.message.QueryMsgByKeySubCommand | |
| **参数** | | | **是否必填** | | **说明** |
| -f | | | 否 | | 被查询消息的截止时间 |
| -k | | | 是 | | msgKey |
| -t | | | 是 | | Topic名称 |
| -h | | | 否 | | 打印帮助 |
| -n | | | 是 | | nameserve服务地址列表，格式ip:port;ip:port;... |
| **举例** | | 查询Topic= ZTEExample下key= SimpleTest-1的消息，nameserve地址为10.45.47.168:9876 | | | |
| sh mqadmin queryMsgByKey -n 10.45.47.168:9876 -t Example -k SimpleTest-1  打印内容:  #Message ID #QID #Offset  0A2D2FA800002A9F0000000000000000 0 0 | | | | | |

### 根据Offset查询消息

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **指令** | queryMsgByOffset | | **类路径** | com.alibaba.rocketmq.tools.command.message.QueryMsgByOffsetSubCommand | |
| **参数** | | | **是否必填** | | **说明** |
| -b | | | 是 | | Broker名称，表示订阅组建在该broker（这里需要注意填写的是broker的名称，不是broker的地址，broker名称可以在clusterList查到） |
| -i | | | 是 | | query队列id |
| -o | | | 是 | | offset值 |
| -t | | | 是 | | topic名称 |
| -h | | | 否 | | 打印帮助 |
| -n | | | 是 | | nameserve服务地址列表，格式ip:port;ip:port;... |
| **举例** | | 查询brokerName=crm-168，Topic= ZTEExample的第1个队列下offset=0的消息，nameserve地址为10.45.47.168:9876 | | | |
| sh mqadmin queryMsgByOffset -n 10.45.47.168:9876 -b crm-168 -i 0 -t Example -o 0  打印内容:  Topic: ZTEExample  Tags: [SimpleTest]  Keys: [SimpleTest-1]  Queue ID: 0  Queue Offset: 0  CommitLog Offset: 0  Born Timestamp: 2014-02-26 14:49:10,875  Store Timestamp: 2014-02-26 14:48:44,840  Born Host: 10.45.46.229:4231  Store Host: 10.45.47.168:10911  System Flag: 0  Properties: {TAGS=SimpleTest, KEYS=SimpleTest-1, WAIT=true}  Message Body Path: /tmp/rocketmq/msgbodys/0A2D2FA800002A9F0000000000000000 | | | | | |

### 查询Producer的网络连接

* 该命令只打印当前与cluster连接的producer网络连接信息

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **指令** | producerConnection | | **类路径** | com.alibaba.rocketmq.tools.command.connection.ProducerConnectionSubCommand | |
| **参数** | | | **是否必填** | | **说明** |
| -g | | | 是 | | 生产者所属组名 |
| -t | | | 是 | | topic名称 |
| -h | | | 否 | | 打印帮助 |
| -n | | | 是 | | nameserve服务地址列表，格式ip:port;ip:port;... |
| **举例** | | 查询当前属于group（生产者组）=simple-producer-test的生产者到topic=ZTEExample的网络连接，nameserve地址为10.45.47.168:9876 | | | |
| sh mqadmin producerConnection -n 10.45.47.168:9876 -g simple-producer-test -tExample  打印内容:  0001 10.45.46.229@simple-producer-test-99f09de2a20a4b6284bb949b452bee0c 10.45.46.229:4332 JAVA V3\_0\_7 | | | | | |

### 查询Consumer的网络连接

* 该命令只打印当前与cluster连接的consumer网络连接信息

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **指令** | consumerConnection | | **类路径** | com.alibaba.rocketmq.tools.command.connection.ConsumerConnectionSubCommand | |
| **参数** | | | **是否必填** | | **说明** |
| -g | | | 是 | | 消费者所属组名 |
| -h | | | 否 | | 打印帮助 |
| -n | | | 是 | | nameserve服务地址列表，格式ip:port;ip:port;... |
| **举例** | | 查询当前属于group（消费者组）=simple-consumer-test的消费者的网络连接，nameserve地址为10.45.47.168:9876 | | | |
| sh mqadmin consumerConnection -n 10.45.47.168:9876 -g simple-consumer-test  打印内容:  001 10.45.46.229@simple-consumer-test-7babbb6021b040d29978494b16d559ae 10.45.46.229:4355 JAVA V3\_0\_7  Below is subscription:  001 Topic: ZTEExample SubExpression: \*  ConsumeType: CONSUME\_ACTIVELY  MessageModel: CLUSTERING  ConsumeFromWhere: CONSUME\_FROM\_LAST\_OFFSET | | | | | |

### 查看订阅组消费状态

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **指令** | consumerProgress | | **类路径** | com.alibaba.rocketmq.tools.command.consumer.ConsumerProgressSubCommand | |
| **参数** | | | **是否必填** | | **说明** |
| -g | | | 是 | | 消费者所属组名 |
| -h | | | 否 | | 打印帮助 |
| -n | | | 是 | | nameserve服务地址列表，格式ip:port;ip:port;... |
| **举例** | | 查询当前属于group（消费者组）=simple-consumer-test的订阅状态，nameserve地址为10.45.47.168:9876 | | | |
| sh mqadmin consumerProgress -n 10.45.47.168:9876 -g simple-consumer-test  打印内容:  #Topic #Broker Name #QID #Broker Offset #Consumer Offset #Diff  ZTEExample crm-168 0 2 2 0  ZTEExample crm-168 1 0 0 0  ZTEExample crm-168 2 0 0 0  ZTEExample crm-168 3 0 0 0  ZTEExample crm-168 4 0 0 0  ZTEExample crm-168 5 0 0 0  ZTEExample crm-168 6 0 0 0  ZTEExample crm-168 7 0 0 0  Consume TPS: 0  Diff Total: 0 | | | | | |

### 查看集群消息

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **指令** | clusterList | | **类路径** | com.alibaba.rocketmq.tools.command.cluster.ClusterListSubCommand | |
| **参数** | | | **是否必填** | | **说明** |
| -m | | | 否 | | 打印更多信息 (增加打印出如下信息 #InTotalYest, #OutTotalYest, #InTotalToday ,#OutTotalToday) |
| -h | | | 否 | | 打印帮助 |
| -n | | | 是 | | nameserve服务地址列表，格式ip:port;ip:port;... |
| **举例** | | 查询当前集群状态，nameserve地址为10.45.47.168:9876 | | | |
| sh mqadmin clusterList -n 10.45.47.168:9876  打印内容:  #Cluster Name #Broker Name #BID #Addr #Version #InTPS #OutTPS  CRM crm-168 0 10.45.47.168:10911 V3\_0\_7 0.00 0.00  CRM crm-181 0 10.45.47.181:10911 V3\_0\_7 0.00 0.00  sh mqadmin clusterList -n 10.45.47.168:9876 –m  #Cluster Name #Broker Name #InTotalYest #OutTotalYest #InTotalToday #OutTotalToday  CRM crm-168 0 0 2 3  CRM crm-181 0 0 0 0 | | | | | |

### 添加（更新）KV配置信息

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **指令** | updateKvConfig | | **类路径** | com.alibaba.rocketmq.tools.command.namesrv.UpdateKvConfigCommand | |
| **参数** | | | **是否必填** | | **说明** |
| -k | | | 是 | | key值 |
| -v | | | 是 | | value值 |
| -s | | | 是 | | Namespace值 |
| -h | | | 否 | | 打印帮助 |
| -n | | | 是 | | nameserve服务地址列表，格式ip:port;ip:port;... |
| **举例** | |  | | | |
|  | | | | | |

### 删除KV配置信息

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **指令** | deleteKvConfig | | **类路径** | com.alibaba.rocketmq.tools.command.namesrv.DeleteKvConfigCommand | |
| **参数** | | | **是否必填** | | **说明** |
| -k | | | 是 | | key值 |
| -s | | | 是 | | Namespace值 |
| -h | | | 否 | | 打印帮助 |
| -n | | | 是 | | nameserve服务地址列表，格式ip:port;ip:port;... |
| **举例** | |  | | | |
|  | | | | | |

### 添加（更新）Project group配置信息

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **指令** | updateProjectGroup | | **类路径** | com.alibaba.rocketmq.tools.command.namesrv.UpdateProjectGroupCommand | |
| **参数** | | | **是否必填** | | **说明** |
| -i | | | 是 | | 服务器ip |
| -p | | | 是 | | project group名 |
| -h | | | 否 | | 打印帮助 |
| -n | | | 是 | | nameserve服务地址列表，格式ip:port;ip:port;... |
| **举例** | |  | | | |
|  | | | | | |

### 删除Project group配置信息

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **指令** | deleteProjectGroup | | **类路径** | com.alibaba.rocketmq.tools.command.namesrv.DeleteProjectGroupCommand | |
| **参数** | | | **是否必填** | | **说明** |
| -i | | | 是 | | 服务器ip |
| -p | | | 是 | | project group名 |
| -h | | | 否 | | 打印帮助 |
| -n | | | 是 | | nameserve服务地址列表，格式ip:port;ip:port;... |
| **举例** | |  | | | |
|  | | | | | |

### 取得Project group配置信息

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **指令** | getProjectGroup | | **类路径** | com.alibaba.rocketmq.tools.command.namesrv.GetProjectGroupCommand | |
| **参数** | | | **是否必填** | | **说明** |
| -i | | | 是 | | 服务器ip |
| -p | | | 是 | | project group名 |
| -h | | | 否 | | 打印帮助 |
| -n | | | 是 | | nameserve服务地址列表，格式ip:port;ip:port;... |
| **举例** | |  | | | |
|  | | | | | |

### 设置消费进度

* 根据时间来设置消费进度，设置之前要关闭这个订阅组的所有consumer，设置完再启动，方可生效

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **指令** | resetOffsetByTime | | **类路径** | com.alibaba.rocketmq.tools.command.offset.ResetOffsetByTimeSubCommand | |
| **参数** | | | **是否必填** | | **说明** |
| -f | | | 否 | | 通过时间戳强制回滚（true|false），默认为true |
| -s | | | 是 | | 时间戳  （currentTimeMillis|yyyy-MM-dd#HH:mm:ss:SSS） |
| -g | | | 是 | | 消费者所属组名 |
| -t | | | 是 | | topic名称 |
| -h | | | 否 | | 打印帮助 |
| -n | | | 是 | | nameserve服务地址列表，格式ip:port;ip:port;... |
| **举例** | |  | | | |
|  | | | | | |

### 清除特定Broker权限

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **指令** | wipeWritePerm | | **类路径** | com.alibaba.rocketmq.tools.command.namesrv.WipeWritePermSubCommand | |
| **参数** | | | **是否必填** | | **说明** |
| -b | | | 是 | | broker地址 |
| -h | | | 否 | | 打印帮助 |
| -n | | | 是 | | nameserve服务地址列表，格式ip:port;ip:port;... |
| **举例** | |  | | | |
|  | | | | | |

### 获取Consumer消费进度

* 该命令只打印当前与cluster连接的consumer的消费进度

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **指令** | getConsumerStatus | | **类路径** | org.apache.rocketmq.tools.command.offset.GetConsumerStatusCommand | |
| **参数** | | | **是否必填** | | **说明** |
| -g | | | 是 | | 消费者所属组名 |
| -t | | | 是 | | 查询主题 |
| -i | | | 否 | | Consumer客户端ip |
| -h | | | 否 | | 打印帮助 |
| -n | | | 是 | | nameserve服务地址列表，格式ip:port;ip:port;... |
| **举例** | | 查询属于group（消费者组）=simple-consumer-test的消费者在Topic=ZTEExample上的消费状态，nameserve地址为10.45.47.168:9876 | | | |
| sh mqadmin getConsumerStatus -n 10.45.47.168:9876 -g simple-consumer-test -t Example  get consumer status from client. group=simple-consumer-test, topic=Example, originClientId=  #clientId #brokerName #queueId #offset  10.45.46.229@simple-consumer-test-3f89fb692e874640 crm-168 4 0  10.45.46.229@simple-consumer-test-3f89fb692e874640 crm-168 0 2  10.45.46.229@simple-consumer-test-3f89fb692e874640 crm-168 3 0  10.45.46.229@simple-consumer-test-3f89fb692e874640 crm-168 1 0  10.45.46.229@simple-consumer-test-3f89fb692e874640 crm-168 5 0  10.45.46.229@simple-consumer-test-3f89fb692e874640 crm-168 6 0  10.45.46.229@simple-consumer-test-3f89fb692e874640 crm-168 7 0  10.45.46.229@simple-consumer-test-3f89fb692e874640 crm-168 2 0 | | | | | |