# 常用的source

## netcat

a1.sources = r1

a1.sinks = s1

a1.channels = c1

a1.sources.r1.type = netcat

a1.sources.r1.bind = 0.0.0.0

a1.sources.r1.port = 44444

a1.sinks.s1.type = logger

a1.channels.c1.type = memory

a1.channels.c1.capacity = 1000

a1.channels.c1.transactionCapacity = 100

a1.sources.r1.channels = c1

a1.sinks.s1.channel = c1

**flume-ng agent -n a1 -c conf -f xxx.conf**

**telnet 127.0.0.1 44444**

**hello world!**

## Avro Source

a1.sources = r1

a1.sinks = s1

a1.channels = c1

a1.sources.r1.type = avro

a1.sources.r1.channels = c1

a1.sources.r1.bind =0.0.0.0

a1.sources.r1.port = 44444

a1.sinks.s1.type = logger

 a1.sinks.s1.channel = c1

a1.channels.c1.type = memory

a1.channels.c1.capacity = 1000

a1.channels.c1.transactionCapacity = 100

**avro-client发送文件：**

echo "aaa" > ~/bbb

flume-ng avro-client -c . -H localhost -p 44444 -F ~/bbb

## Exec Source

a1.sources = r1

a1.sinks = s1

a1.channels = c1

a1.sources.r1.type = exec

a1.sources.r1.command = tail –f aaa

a1.sources.r1.channels = c1

a1.sinks.s1.type = logger

a1.sinks.s1.channel = c1

a1.channels.c1.type = memory

a1.channels.c1.capacity = 1000

a1.channels.c1.transactionCapacity = 100

**echo "exec test" >> aaa**

## spool Source

a1.sources = r1

a1.sinks = s1

a1.channels = c1

a1.sources.r1.type = spooldir

a1.sources.r1.spoolDir = /aaa

a1.sources.r1.fileHeader = true

a1.sources.r1.channels = c1

a1.sinks.s1.type = logger

a1.sinks.s1.channel = c1

a1.channels.c1.type = memory

a1.channels.c1.capacity = 1000

a1.channels.c1.transactionCapacity = 100

## HTTP source

a1.sources = r1

a1.sinks = s1

a1.channels = c1

a1.sources.r1.type = http # org.apache.flume.source.http.HTTPSource

a1.sources.r1.port = 44444

a1.sources.r1.channels = c1

a1.sinks.s1.type = logger

a1.sinks.s1.channel = c1

a1.channels.c1.type = memory

a1.channels.c1.capacity = 1000

a1.channels.c1.transactionCapacity = 100

**curl -X POST -d '[{ "headers" :{"aaa" : "bbb","ccc" : "ddd"},"body" : "xxx"}]' http://localhost: 44444**

# 常用的sink

## HDFS Sink

a1.sources = r1

a1.sinks = s1

a1.channels = c1

a1.sources.r1.type = http

a1.sources.r1.port = 44444

a1.sources.r1.channels = c1

a1.sinks.s1.type = hdfs

a1.sinks.s1.channel = c1

a1.sinks.s1.hdfs.path = hdfs://master:9000/testtttt

a1.sinks.s1.hdfs.filePrefix = Syslog

a1.sinks.s1.hdfs.round = true

a1.sinks.s1.hdfs.roundValue = 10

a1.sinks.s1.hdfs.roundUnit = minute

a1.channels.c1.type = memory

a1.channels.c1.capacity = 1000

a1.channels.c1.transactionCapacity = 100

**curl -X POST -d '[{ "headers" :{"aaa" : "bbb","ccc" : "ddd"},"body" : "xxx"}]' http://localhost: 44444**

## Avro Sink

##### 第一个配置

a1.sources = r1

a1.sinks = s1

a1.channels = c1

a1.sources.r1.type = avro

a1.sources.r1.channels = c1

a1.sources.r1.bind =0.0.0.0

a1.sources.r1.port = 44445

a1.sinks.s1.type = logger

 a1.sinks.s1.channel = c1

a1.channels.c1.type = memory

a1.channels.c1.capacity = 1000

a1.channels.c1.transactionCapacity = 100

##### 第二个配置

a2.sources = r1

a2.sinks = s1

a2.channels = c1

a2.sources.r1.type = http

a2.sources.r1.port = 44444

a2.sources.r1.channels = c1

a2.sinks.s1.type = avro

a2.sinks.s1.channel = c1

a2.sinks.s1.hostname =192.168.137.2

a2.sinks.s1.port = 44445

a2.channels.c1.type = memory

a2.channels.c1.capacity = 1000

a2.channels.c1.transactionCapacity = 100

**curl -X POST -d '[{ "headers" :{"aaa" : "bbb","ccc" : "ddd"},"body" : "xxx"}]' http://localhost: 44444**

# Channel Selector

## Replicating Channel Selector

##### 第一个配置

a1.sources = r1

a1.sinks = s1 s2

a1.channels = c1 c2

a1.sources.r1.type = http

a1.sources.r1.port = 44444

a1.sources.r1.selector.type = replicating

a1.sources.r1.channels = c1 c2

a1.sinks.s1.type = avro

a1.sinks.s1.channel = c1

a1.sinks.s1.hostname = 192.168.137.2

a1.sinks.s1.port = 44445

a1.sinks.s2.type = avro

a1.sinks.s2.channel = c2

a1.sinks.s2.hostname = 192.168.137.2

a1.sinks.s2.port = 44446

a1.channels.c1.type = memory

a1.channels.c1.capacity = 1000

a1.channels.c1.transactionCapacity = 100

a1.channels.c2.type = memory

a1.channels.c2.capacity = 1000

a1.channels.c2.transactionCapacity = 100

##### 第二个配置

a2.sources = r1

a2.sinks = s1

a2.channels = c1

a2.sources.r1.type = avro

a2.sources.r1.channels = c1

a2.sources.r1.bind = 192.168.137.2

a2.sources.r1.port = 44445

a2.sinks.s1.type = logger

a2.sinks.s1.channel = c1

a2.channels.c1.type = memory

a2.channels.c1.capacity = 1000

a2.channels.c1.transactionCapacity = 100

##### 第三个配置

a3.sources = r1

a3.sinks = s1

a3.channels = c1

a3.sources.r1.type = avro

a3.sources.r1.channels = c1

a3.sources.r1.bind = 192.168.137.2

a3.sources.r1.port = 44446

a3.sinks.s1.type = logger

a3.sinks.s1.channel = c1

a3.channels.c1.type = memory

a3.channels.c1.capacity = 1000

a3.channels.c1.transactionCapacity = 100

**curl -X POST -d '[{ "headers" :{"aaa" : "bbb","ccc" : "ddd"},"body" : "xxx"}]' http://localhost: 44444**

## Multiplexing Channel Selector

##### 第一个配置

a1.sources = r1

a1.sinks = s1 s2

a1.channels = c1 c2

a1.sources.r1.type = http

a1.sources.r1.port = 44444

a1.sources.r1.host =192.168.137.2

a1.sources.r1.selector.type = multiplexing

a1.sources.r1.channels = c1 c2

a1.sources.r1.selector.header = aaa

a1.sources.r1.selector.mapping.bbb = c1

a1.sources.r1.selector.mapping.bbb1 = c2

a1.sources.r1.selector.default = c1

a1.sinks.s1.type = avro

a1.sinks.s1.channel = c1

a1.sinks.s1.hostname = 192.168.137.2

a1.sinks.s1.port = 44445

a1.sinks.s2.type = avro

a1.sinks.s2.channel = c2

a1.sinks.s2.hostname = 192.168.137.2

a1.sinks.s2.port = 44446

a1.channels.c1.type = memory

a1.channels.c1.capacity = 1000

a1.channels.c1.transactionCapacity = 100

a1.channels.c2.type = memory

a1.channels.c2.capacity = 1000

a1.channels.c2.transactionCapacity = 100

##### 第二个配置

a2.sources = r1

a2.sinks = s1

a2.channels = c1

a2.sources.r1.type = avro

a2.sources.r1.channels = c1

a2.sources.r1.bind = 192.168.137.2

a2.sources.r1.port = 44445

a2.sinks.s1.type = logger

a2.sinks.s1.channel = c1

a2.channels.c1.type = memory

a2.channels.c1.capacity = 1000

a2.channels.c1.transactionCapacity = 100

##### 第三个配置

a3.sources = r1

a3.sinks = s1

a3.channels = c1

a3.sources.r1.type = avro

a3.sources.r1.channels = c1

a3.sources.r1.bind = 192.168.137.2

a3.sources.r1.port = 44446

a3.sinks.s1.type = logger

a3.sinks.s1.channel = c1

a3.channels.c1.type = memory

a3.channels.c1.capacity = 1000

a3.channels.c1.transactionCapacity = 100

**curl -X POST -d '[{ "headers" :{"aaa" : "bbb","ccc" : "ddd"},"body" : "xxx"}]' http://localhost: 44444**

**curl -X POST -d '[{ "headers" :{"aaa" : "bbb1","ccc" : "ddd"},"body" : "xxx"}]' http://localhost: 44444**

**curl -X POST -d '[{ "headers" :{"aaa" : "bbb2","ccc" : "ddd"},"body" : "xxx"}]' http://localhost: 44444**

# Sink Processor

## Failover Sink Processor

##### 第一个配置

a1.sources = r1

a1.sinks = s1 s2

a1.channels = c1

a1.sinkgroups = g1

a1.sinkgroups.g1.sinks = s1 s2

a1.sinkgroups.g1.processor.type = failover

a1.sinkgroups.g1.processor.priority.s1 = 5

a1.sinkgroups.g1.processor.priority.s2 = 10

a1.sinkgroups.g1.processor.maxpenalty = 10000

a1.sources.r1.type = http

a1.sources.r1.port = 44444

a1.sources.r1.host =192.168.137.2

a1.sources.r1.channels = c1

a1.sinks.s1.type = avro

a1.sinks.s1.channel = c1

a1.sinks.s1.hostname = 192.168.137.2

a1.sinks.s1.port = 44445

a1.sinks.s2.type = avro

a1.sinks.s2.channel = c2

a1.sinks.s2.hostname = 192.168.137.2

a1.sinks.s2.port = 44446

a1.channels.c1.type = memory

a1.channels.c1.capacity = 1000

a1.channels.c1.transactionCapacity = 100

a1.channels.c2.type = memory

a1.channels.c2.capacity = 1000

a1.channels.c2.transactionCapacity = 100

##### 第二个配置

a2.sources = r1

a2.sinks = s1

a2.channels = c1

a2.sources.r1.type = avro

a2.sources.r1.channels = c1

a2.sources.r1.bind = 192.168.137.2

a2.sources.r1.port = 44445

a2.sinks.s1.type = logger

a2.sinks.s1.channel = c1

a2.channels.c1.type = memory

a2.channels.c1.capacity = 1000

a2.channels.c1.transactionCapacity = 100

##### 第三个配置

a3.sources = r1

a3.sinks = s1

a3.channels = c1

a3.sources.r1.type = avro

a3.sources.r1.channels = c1

a3.sources.r1.bind = 192.168.137.2

a3.sources.r1.port = 44446

a3.sinks.s1.type = logger

a3.sinks.s1.channel = c1

a3.channels.c1.type = memory

a3.channels.c1.capacity = 1000

a3.channels.c1.transactionCapacity = 100

**curl -X POST -d '[{ "headers" :{"aaa" : "bbb","ccc" : "ddd"},"body" : "xxx"}]' http://localhost: 44444**

## Load balancing Sink Processor

##### 第一个配置

a1.sources = r1

a1.sinks = s1 s2

a1.channels = c1

a1.sinkgroups = g1

a1.sinkgroups.g1.sinks = s1 s2

a1.sinkgroups.g1.processor.type = load\_balance

a1.sinkgroups.g1.processor.backoff = true

a1.sinkgroups.g1.processor.selector = round\_robin

a1.sources.r1.type = http

a1.sources.r1.port = 44444

a1.sources.r1.host =192.168.137.2

a1.sources.r1.channels = c1

a1.sinks.s1.type = avro

a1.sinks.s1.channel = c1

a1.sinks.s1.hostname = 192.168.137.2

a1.sinks.s1.port = 44445

a1.sinks.s2.type = avro

a1.sinks.s2.channel = c1

a1.sinks.s2.hostname = 192.168.137.2

a1.sinks.s2.port = 44446

a1.channels.c1.type = memory

a1.channels.c1.capacity = 1000

a1.channels.c1.transactionCapacity = 100

##### 第二个配置

a2.sources = r1

a2.sinks = s1

a2.channels = c1

a2.sources.r1.type = avro

a2.sources.r1.channels = c1

a2.sources.r1.bind = 192.168.137.2

a2.sources.r1.port = 44445

a2.sinks.s1.type = logger

a2.sinks.s1.channel = c1

a2.channels.c1.type = memory

a2.channels.c1.capacity = 1000

a2.channels.c1.transactionCapacity = 100

##### 第三个配置

a3.sources = r1

a3.sinks = s1

a3.channels = c1

a3.sources.r1.type = avro

a3.sources.r1.channels = c1

a3.sources.r1.bind = 192.168.137.2

a3.sources.r1.port = 44446

a3.sinks.s1.type = logger

a3.sinks.s1.channel = c1

a3.channels.c1.type = memory

a3.channels.c1.capacity = 1000

a3.channels.c1.transactionCapacity = 100

**curl -X POST -d '[{ "headers" :{"aaa" : "bbb","ccc" : "ddd"},"body" : "xxx"}]' http://localhost: 44444**

# Interceptor

## Timestamp Interceptor

a1.sources = r1

a1.sinks = s1

a1.channels = c1

a1.sources.r1.type = http

a1.sources.r1.port = 44444

a1.sources.r1.host =192.168.137.2

a1.sources.r1.channels = c1

a1.sources.r1.interceptors = i1

a1.sources.r1.interceptors.i1.type = timestamp

a1.sinks.s1.type = logger

a1.sinks.s1.channel = c1

a1.channels.c1.type = memory

a1.channels.c1.capacity = 1000

a1.channels.c1.transactionCapacity = 100

**curl -X POST -d '[{ "headers" :{"aaa" : "bbb","ccc" : "ddd"},"body" : "xxx"}]' http://localhost: 44444**

## static Interceptor

a1.sources = r1

a1.sinks = s1

a1.channels = c1

a1.sources.r1.type = http

a1.sources.r1.port = 44444

a1.sources.r1.host =192.168.137.2

a1.sources.r1.channels = c1

a1.sources.r1.interceptors = i1

a1.sources.r1.interceptors.i1.type = static

a1.sources.r1.interceptors.i1.key = eee

a1.sources.r1.interceptors.i1.value = fff

a1.sinks.s1.type = logger

a1.channels.c1.type = memory

a1.channels.c1.capacity = 1000

a1.channels.c1.transactionCapacity = 100

a1.sources.r1.channels = c1

a1.sinks.s1.channel = c1

**curl -X POST -d '[{ "headers" :{"aaa" : "bbb","ccc" : "ddd"},"body" : "xxx"}]' http://localhost: 44444**