# Hadoop-Flume搭建

一.Flume ng简介

Flume NG是一个分布式，高可用，可靠的系统，它能将不同的海量数据收集，移动并存储到一个数据存储系统中。轻量，配置简单，适用于各种日志收集，并支持Failover和负载均衡。并且它拥有非常丰富的组件。

Flume NG采用的是三层架构：Agent层，Collector层和Store层，每一层均可水平拓展。其中Agent包含Source，Channel和Sink，三者组建了一个Agent。

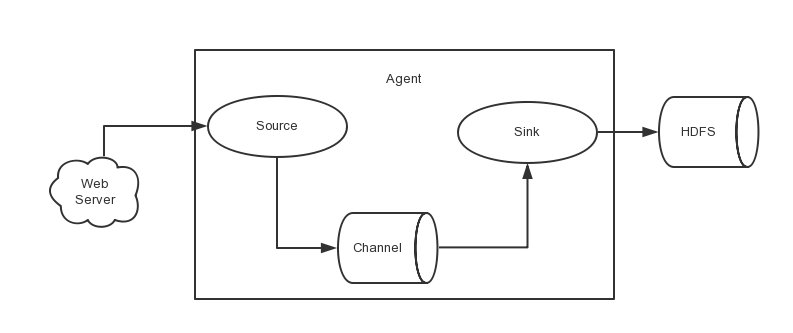
三者的职责如下所示：

                   Source：用来消费（收集）数据源到Channel组件中

                   Channel：中转临时存储，保存所有Source组件信息

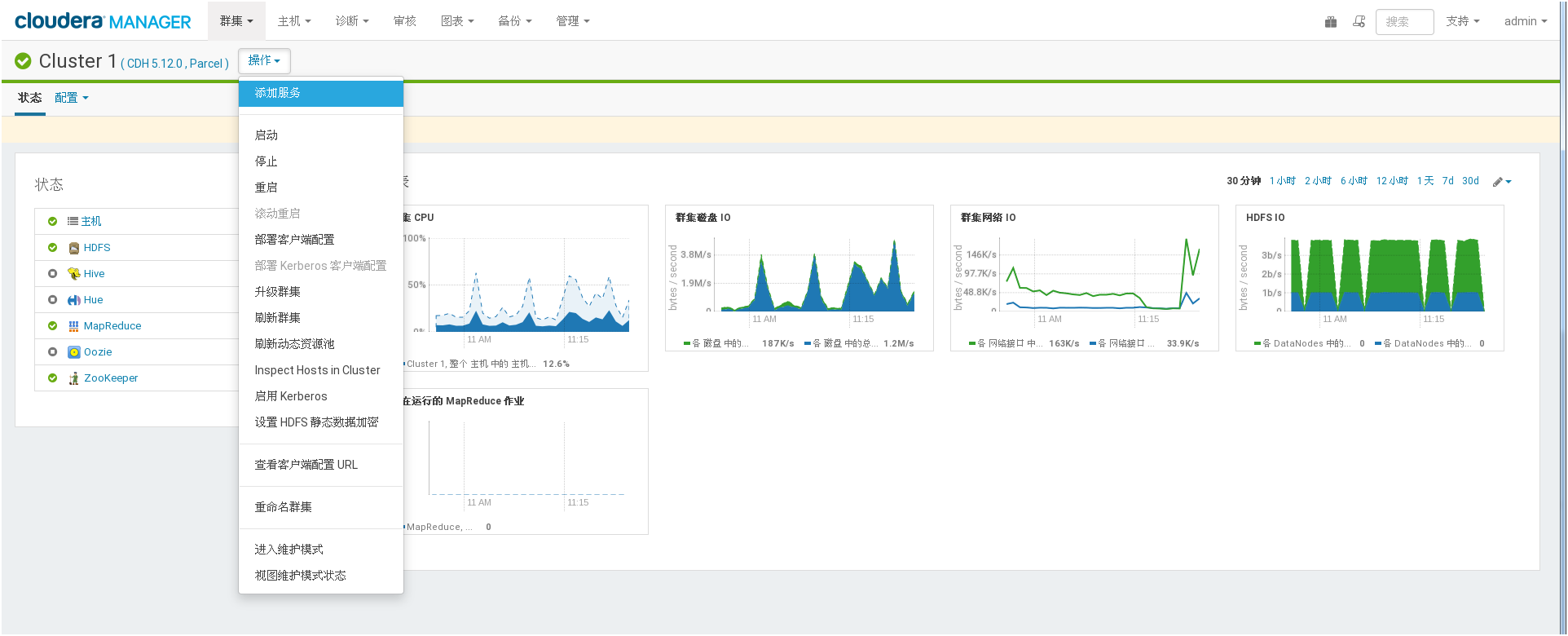
                   Sink：从Channel中读取，读取成功后会删除Channel中的信息

下图是Flume NG的架构图，如下所示：（图中描述了，从外部系统（Web Server）中收集产生的日志，然后通过Flume的Agent的Source组件将数据发送到临时存储Channel组件，最后传递给Sink组件，Sink组件直接把数据存储到HDFS文件系统中。）

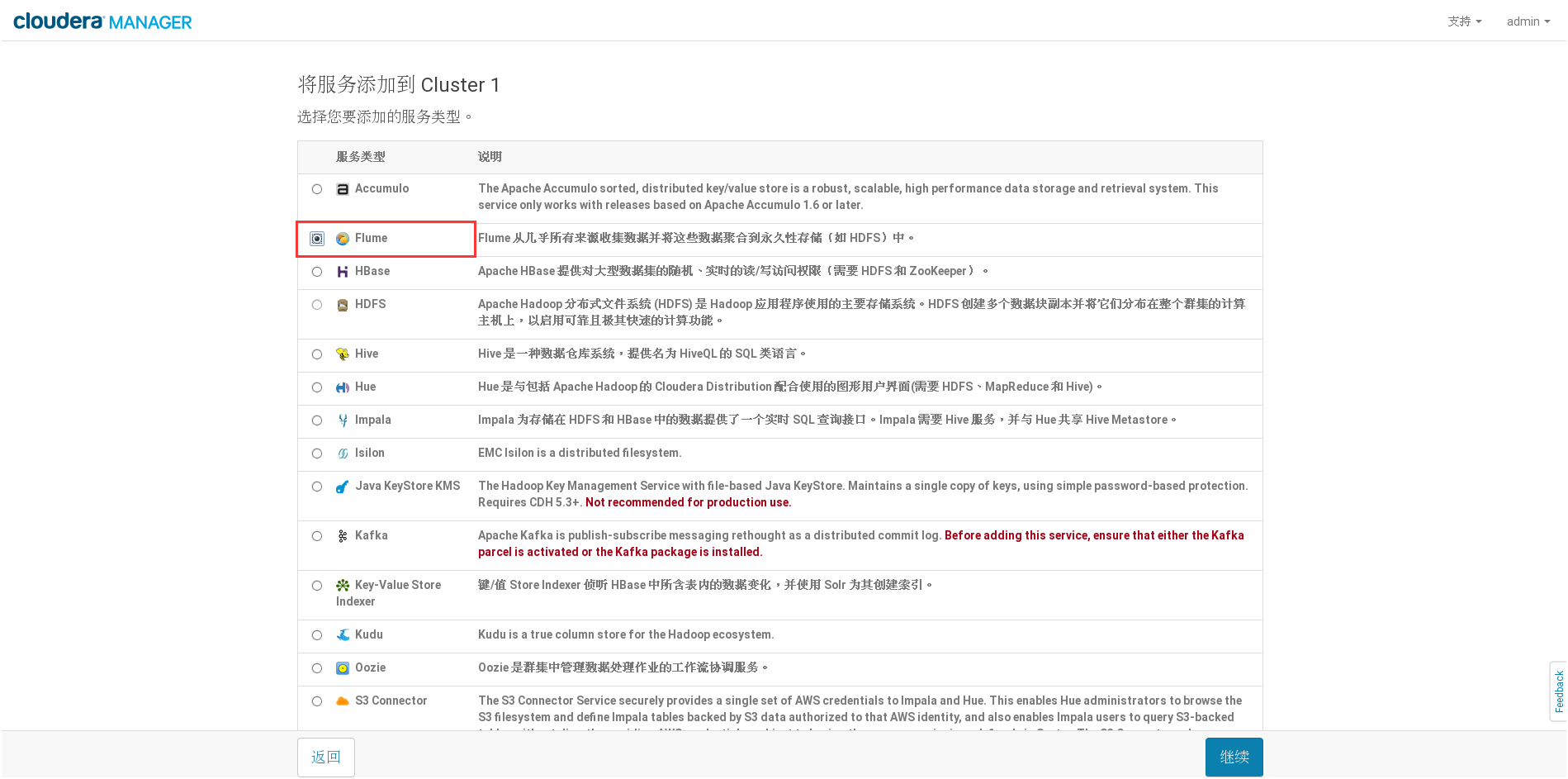


二.Flume搭建（由于我的hadoop环境使用的CDH5+CM，这里搭建Flume采用的是web界面安装，也可以使用yum安装yum install --assumeyes flume-ng）

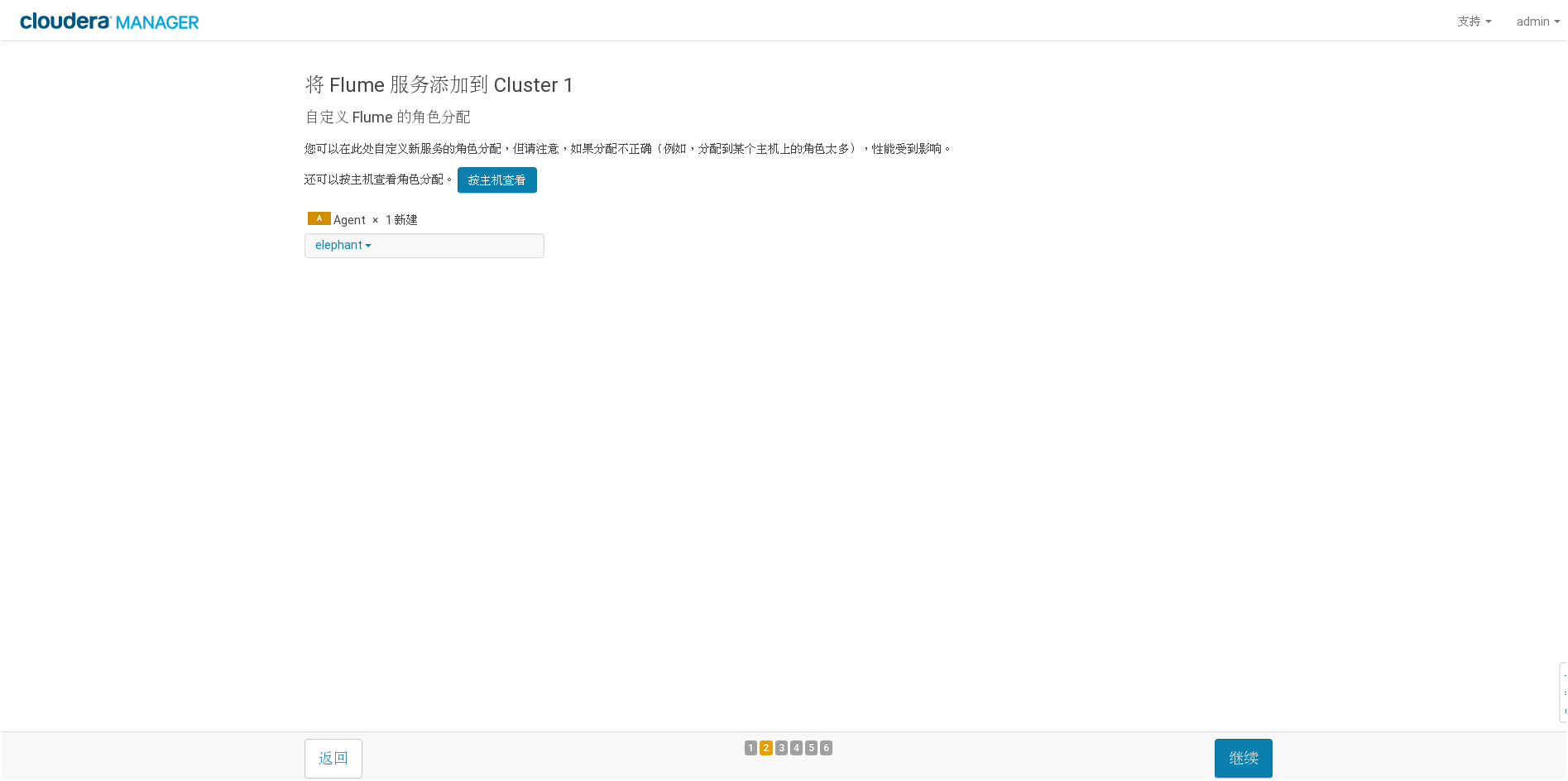
1.打开CM管理界面--点击操作--添加服务



2.如下图显示勾选Flume组件，然后点击继续



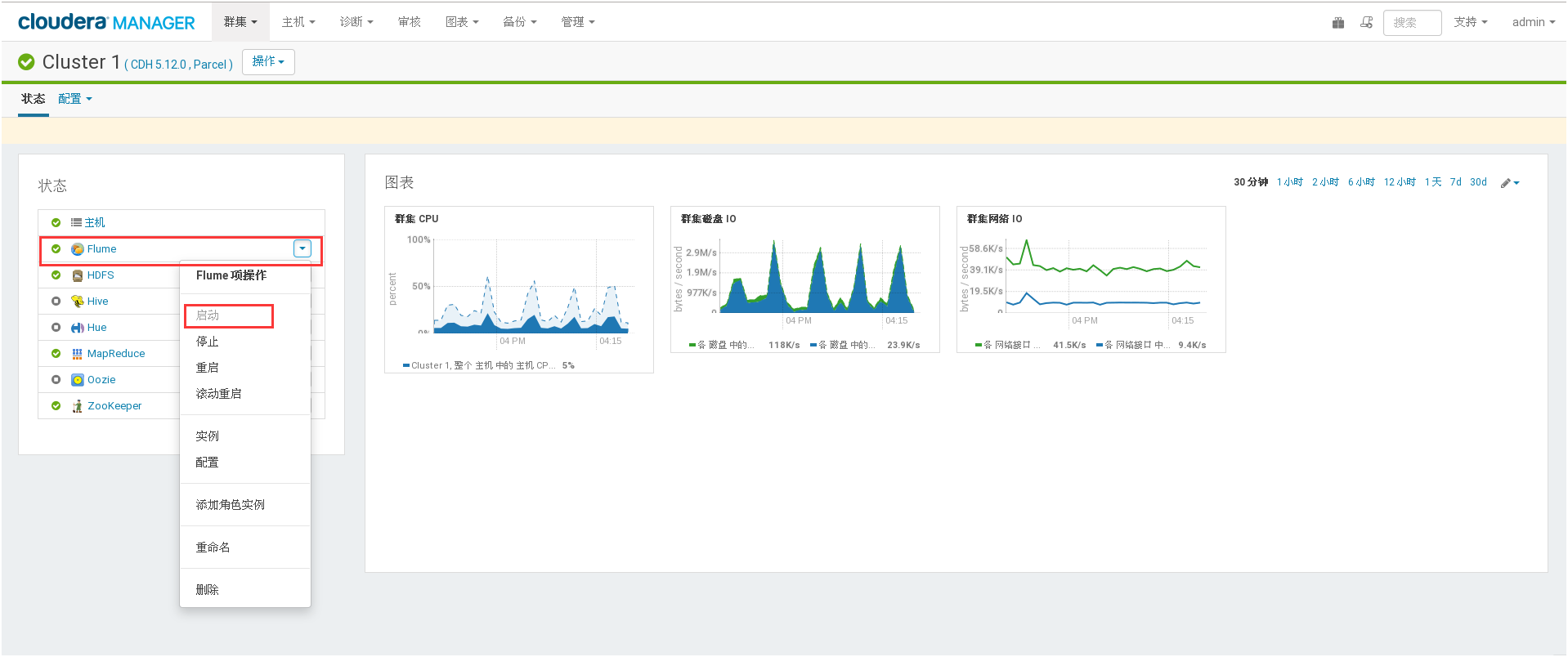
3.点击要选择要安装Flume ng的节点，然后点击继续（根据实际情况选择节点，不建议安装到CM管理节点上）



4.等待CM后台安装，点击完成（安装成功后界面会提示）



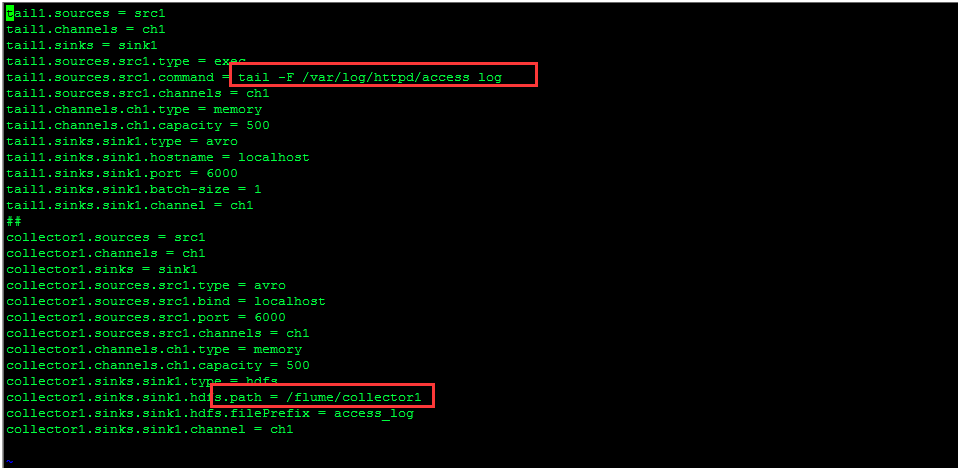
5. 启动Flume服务，点击已安装好的Flume组件，选择启动



三.用Flume抓取日志到HDFS上

1.在分布式文件系统HDFS上创建一个存放webserver日志的目录sudo -u hdfs hadoop fs -mkdir -p / flume/collector1

2.配置Flume参数vi /etc/hadoop/conf/flume-conf.properties，填入以下内容（红框里面是webserver日志存放的路径和HDFS上存放日志的路径，注意hdfs要有webserver的权限）



tail1.sources = src1  
tail1.channels = ch1  
tail1.sinks = sink1  
tail1.sources.src1.type = exec  
tail1.sources.src1.command = tail -F /var/log/httpd/access\_log  
tail1.sources.src1.channels = ch1  
tail1.channels.ch1.type = memory  
tail1.channels.ch1.capacity = 500  
tail1.sinks.sink1.type = avro  
tail1.sinks.sink1.hostname = localhost  
tail1.sinks.sink1.port = 6000  
tail1.sinks.sink1.batch-size = 1  
tail1.sinks.sink1.channel = ch1  
##  
collector1.sources = src1  
collector1.channels = ch1  
collector1.sinks = sink1  
collector1.sources.src1.type = avro  
collector1.sources.src1.bind = localhost  
collector1.sources.src1.port = 6000  
collector1.sources.src1.channels = ch1  
collector1.channels.ch1.type = memory  
collector1.channels.ch1.capacity = 500  
collector1.sinks.sink1.type = hdfs  
collector1.sinks.sink1.hdfs.path = /flume/collector1  
collector1.sinks.sink1.hdfs.filePrefix = access\_log  
collector1.sinks.sink1.channel = ch1

3.抓取日志：sudo -u hdfs flume-ng agent --conf /etc/hadoop/conf/ --conf-file /etc/hadoop/conf/flume-conf.properties --name collector1 （在安装Flume ng的节点上运行，注意红色部分的状态）

[root@elephant ~]# sudo -u hdfs flume-ng agent --conf /etc/hadoop/conf/ --conf-file /etc/hadoop/conf/flume-conf.properties --name collector1

Info: Including Hadoop libraries found via (/usr/bin/hadoop) for HDFS access

Info: Including HBASE libraries found via (/usr/bin/hbase) for HBASE access

Info: Including Hive libraries found via () for Hive access

+exec/usr/java/jdk1.7.0\_67-cloudera/bin/java-Xmx20m-cp'/etc/hadoop/conf:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/flume-ng/lib/\*:/etc/hadoop/conf:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/hadoop/libexec/../../hadoop/lib/\*:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/hadoop/libexec/../../hadoop/.//\*:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/hadoop/libexec/../../hadoop-hdfs/./:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/hadoop/libexec/../../hadoop-hdfs/lib/\*:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/hadoop/libexec/../../hadoop-hdfs/.//\*:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/hadoop/libexec/../../hadoop-yarn/lib/\*:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/hadoop/libexec/../../hadoop-yarn/.//\*:/opt/cloudera/parcels/CDH/lib/hadoop-0.20-mapreduce/./:/opt/cloudera/parcels/CDH/lib/hadoop-0.20-mapreduce/lib/\*:/opt/cloudera/parcels/CDH/lib/hadoop-0.20-mapreduce/.//\*:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/hbase/bin/../conf:/usr/java/jdk1.7.0\_67-cloudera/lib/tools.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/hbase/bin/..:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/hbase/bin/../lib/activation-1.1.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/hbase/bin/../lib/apacheds-i18n-2.0.0-M15.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/hbase/bin/../lib/apacheds-kerberos-codec-2.0.0-M15.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/hbase/bin/../lib/api-asn1-api-1.0.0-M20.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/hbase/bin/../lib/api-util-1.0.0-M20.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/hbase/bin/../lib/asm-3.2.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/hbase/bin/../lib/avro.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/hbase/bin/../lib/aws-java-sdk-bundle-1.11.134.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/hbase/bin/../lib/commons-beanutils-1.9.2.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/hbase/bin/../lib/commons-beanutils-core-1.8.0.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/hbase/bin/../lib/commons-cli-1.2.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/hbase/bin/../lib/commons-codec-1.9.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/hbase/bin/../lib/commons-collections-3.2.2.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/hbase/bin/../lib/commons-compress-1.4.1.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/hbase/bin/../lib/commons-configuration-1.6.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/hbase/bin/../lib/commons-daemon-1.0.13.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/hbase/bin/../lib/commons-digester-1.8.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/hbase/bin/../lib/commons-el-1.0.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/hbase/bin/../lib/commons-httpclient-3.1.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/hbase/bin/../lib/commons-io-2.4.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/hbase/bin/../lib/commons-lang-2.6.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/hbase/bin/../lib/commons-logging-1.2.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/hbase/bin/../lib/commons-math-2.1.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/hbase/bin/../lib/commons-math3-3.1.1.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/hbase/bin/../lib/commons-net-3.1.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/hbase/bin/../lib/core-3.1.1.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/hbase/bin/../lib/curator-client-2.7.1.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/hbase/bin/../lib/curator-framework-2.7.1.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/hbase/bin/../lib/curator-recipes-2.7.1.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/hbase/bin/../lib/disruptor-3.3.0.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/hbase/bin/../lib/findbugs-annotations-1.3.9-1.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/hbase/bin/../lib/gson-2.2.4.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/hbase/bin/../lib/guava-12.0.1.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/hbase/bin/../lib/hamcrest-core-1.3.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/hbase/bin/../lib/hbase-annotations-1.2.0-cdh5.12.0.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/hbase/bin/../lib/hbase-annotations-1.2.0-cdh5.12.0-tests.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/hbase/bin/../lib/hbase-client-1.2.0-cdh5.12.0.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/hbase/bin/../lib/hbase-common-1.2.0-cdh5.12.0.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/hbase/bin/../lib/hbase-common-1.2.0-cdh5.12.0-tests.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/hbase/bin/../lib/hbase-examples-1.2.0-cdh5.12.0.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/hbase/bin/../lib/hbase-external-blockcache-1.2.0-cdh5.12.0.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/hbase/bin/../lib/hbase-hadoop2-compat-1.2.0-cdh5.12.0.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/hbase/bin/../lib/hbase-hadoop2-compat-1.2.0-cdh5.12.0-tests.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/hbase/bin/../lib/hbase-hadoop-compat-1.2.0-cdh5.12.0.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/hbase/bin/../lib/hbase-hadoop-compat-1.2.0-cdh5.12.0-tests.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/hbase/bin/../lib/hbase-it-1.2.0-cdh5.12.0.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/hbase/bin/../lib/hbase-it-1.2.0-cdh5.12.0-tests.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/hbase/bin/../lib/hbase-prefix-tree-1.2.0-cdh5.12.0.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/hbase/bin/../lib/hbase-procedure-1.2.0-cdh5.12.0.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/hbase/bin/../lib/hbase-protocol-1.2.0-cdh5.12.0.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/hbase/bin/../lib/hbase-resource-bundle-1.2.0-cdh5.12.0.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/hbase/bin/../lib/hbase-rest-1.2.0-cdh5.12.0.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/hbase/bin/../lib/hbase-rsgroup-1.2.0-cdh5.12.0.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/hbase/bin/../lib/hbase-rsgroup-1.2.0-cdh5.12.0-tests.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/hbase/bin/../lib/hbase-server-1.2.0-cdh5.12.0.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/hbase/bin/../lib/hbase-server-1.2.0-cdh5.12.0-tests.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/hbase/bin/../lib/hbase-shell-1.2.0-cdh5.12.0.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/hbase/bin/../lib/hbase-spark-1.2.0-cdh5.12.0.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/hbase/bin/../lib/hbase-thrift-1.2.0-cdh5.12.0.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/hbase/bin/../lib/high-scale-lib-1.1.1.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/hbase/bin/../lib/hsqldb-1.8.0.10.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/hbase/bin/../lib/htrace-core-3.2.0-incubating.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/hbase/bin/../lib/htrace-core4-4.0.1-incubating.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/hbase/bin/../lib/htrace-core.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/hbase/bin/../lib/httpclient-4.2.5.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/hbase/bin/../lib/httpcore-4.2.5.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/hbase/bin/../lib/jackson-annotations-2.2.3.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/hbase/bin/../lib/jackson-core-2.2.3.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/hbase/bin/../lib/jackson-core-asl-1.8.8.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/hbase/bin/../lib/jackson-databind-2.2.3.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/hbase/bin/../lib/jackson-jaxrs-1.8.8.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/hbase/bin/../lib/jackson-mapper-asl-1.8.8.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/hbase/bin/../lib/jackson-xc-1.8.8.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/hbase/bin/../lib/jamon-runtime-2.4.1.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/hbase/bin/../lib/jasper-compiler-5.5.23.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/hbase/bin/../lib/jasper-runtime-5.5.23.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/hbase/bin/../lib/java-xmlbuilder-0.4.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/hbase/bin/../lib/jaxb-api-2.1.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/hbase/bin/../lib/jaxb-impl-2.2.3-1.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/hbase/bin/../lib/jcodings-1.0.8.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/hbase/bin/../lib/jersey-client-1.9.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/hbase/bin/../lib/jersey-core-1.9.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/hbase/bin/../lib/jersey-json-1.9.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/hbase/bin/../lib/jersey-server-1.9.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/hbase/bin/../lib/jets3t-0.9.0.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/hbase/bin/../lib/jettison-1.3.3.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/hbase/bin/../lib/jetty-6.1.26.cloudera.4.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/hbase/bin/../lib/jetty-sslengine-6.1.26.cloudera.4.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/hbase/bin/../lib/jetty-util-6.1.26.cloudera.4.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/hbase/bin/../lib/joni-2.1.2.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/hbase/bin/../lib/jruby-cloudera-1.0.0.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/hbase/bin/../lib/jsch-0.1.42.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/hbase/bin/../lib/jsp-2.1-6.1.14.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/hbase/bin/../lib/jsp-api-2.1-6.1.14.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/hbase/bin/../lib/jsp-api-2.1.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/hbase/bin/../lib/junit-4.12.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/hbase/bin/../lib/leveldbjni-all-1.8.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/hbase/bin/../lib/libthrift-0.9.3.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/hbase/bin/../lib/log4j-1.2.17.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/hbase/bin/../lib/metrics-core-2.2.0.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/hbase/bin/../lib/netty-all-4.0.23.Final.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/hbase/bin/../lib/paranamer-2.3.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/hbase/bin/../lib/protobuf-java-2.5.0.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/hbase/bin/../lib/servlet-api-2.5-6.1.14.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/hbase/bin/../lib/servlet-api-2.5.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/hbase/bin/../lib/slf4j-api-1.7.5.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/hbase/bin/../lib/slf4j-log4j12.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/hbase/bin/../lib/snappy-java-1.0.4.1.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/hbase/bin/../lib/spymemcached-2.11.6.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/hbase/bin/../lib/xmlenc-0.52.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/hbase/bin/../lib/xz-1.0.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/hbase/bin/../lib/zookeeper.jar:/etc/hadoop/conf:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/hadoop/libexec/../../hadoop/lib/\*:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/hadoop/libexec/../../hadoop/.//\*:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/hadoop/libexec/../../hadoop-hdfs/./:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/hadoop/libexec/../../hadoop-hdfs/lib/\*:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/hadoop/libexec/../../hadoop-hdfs/.//\*:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/hadoop/libexec/../../hadoop-yarn/lib/\*:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/hadoop/libexec/../../hadoop-yarn/.//\*:/opt/cloudera/parcels/CDH/lib/hadoop-0.20-mapreduce/./:/opt/cloudera/parcels/CDH/lib/hadoop-0.20-mapreduce/lib/\*:/opt/cloudera/parcels/CDH/lib/hadoop-0.20-mapreduce/.//\*:/etc/hadoop/conf:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/bin/../lib/hadoop/\*:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/bin/../lib/hadoop/lib/\*:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/bin/../lib/zookeeper/\*:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/bin/../lib/zookeeper/lib/\*::/conf:/lib/\*:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/flume-ng/../search/lib/antlr-2.7.7.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/flume-ng/../search/lib/antlr-runtime-3.4.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/flume-ng/../search/lib/apacheds-kerberos-codec-2.0.0-M15.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/flume-ng/../search/lib/apache-mime4j-core-0.7.2.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/flume-ng/../search/lib/apache-mime4j-dom-0.7.2.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/flume-ng/../search/lib/api-asn1-api-1.0.0-M20.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/flume-ng/../search/lib/api-util-1.0.0-M20.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/flume-ng/../search/lib/argparse4j-0.4.3.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/flume-ng/../search/lib/asm-3.2.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/flume-ng/../search/lib/asm-4.1.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/flume-ng/../search/lib/asm-commons-4.1.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/flume-ng/../search/lib/asm-debug-all-4.1.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/flume-ng/../search/lib/aspectjrt-1.6.5.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/flume-ng/../search/lib/avro.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/flume-ng/../search/lib/bcmail-jdk15-1.45.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/flume-ng/../search/lib/bcprov-jdk15-1.45.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/flume-ng/../search/lib/boilerpipe-1.1.0.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/flume-ng/../search/lib/commons-cli-1.2.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/flume-ng/../search/lib/commons-codec-1.4.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/flume-ng/../search/lib/commons-collections-3.2.2.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/flume-ng/../search/lib/commons-compress-1.4.1.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/flume-ng/../search/lib/commons-configuration-1.6.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/flume-ng/../search/lib/commons-el-1.0.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/flume-ng/../search/lib/commons-fileupload-1.3.2.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/flume-ng/../search/lib/commons-io-2.4.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/flume-ng/../search/lib/commons-lang-2.6.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/flume-ng/../search/lib/commons-logging-1.1.3.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/flume-ng/../search/lib/commons-math3-3.1.1.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/flume-ng/../search/lib/commons-net-3.1.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/flume-ng/../search/lib/concurrentlinkedhashmap-lru-1.2.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/flume-ng/../search/lib/config-1.0.2.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/flume-ng/../search/lib/curator-client-2.7.1.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/flume-ng/../search/lib/curator-framework-2.7.1.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/flume-ng/../search/lib/curator-recipes-2.7.1.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/flume-ng/../search/lib/dom4j-1.6.1.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/flume-ng/../search/lib/fastutil-6.3.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/flume-ng/../search/lib/fontbox-1.8.4.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/flume-ng/../search/lib/gson-2.2.4.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/flume-ng/../search/lib/guava-11.0.2.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/flume-ng/../search/lib/hadoop-annotations.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/flume-ng/../search/lib/hadoop-auth.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/flume-ng/../search/lib/hadoop-common.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/flume-ng/../search/lib/hadoop-hdfs.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/flume-ng/../search/lib/hppc-0.5.2.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/flume-ng/../search/lib/htrace-core-3.2.0-incubating.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/flume-ng/../search/lib/htrace-core4-4.0.1-incubating.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/flume-ng/../search/lib/httpclient-4.2.5.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/flume-ng/../search/lib/httpcore-4.2.5.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/flume-ng/../search/lib/httpmime-4.2.5.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/flume-ng/../search/lib/isoparser-1.0-RC-1.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/flume-ng/../search/lib/jackson-annotations-2.3.0.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/flume-ng/../search/lib/jackson-core-2.3.1.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/flume-ng/../search/lib/jackson-core-asl-1.8.8.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/flume-ng/../search/lib/jackson-databind-2.3.1.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/flume-ng/../search/lib/jackson-mapper-asl-1.8.8.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/flume-ng/../search/lib/javax.servlet-3.0.0.v201112011016.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/flume-ng/../search/lib/jcl-over-slf4j-1.7.5.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/flume-ng/../search/lib/jdom-1.0.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/flume-ng/../search/lib/jempbox-1.8.4.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/flume-ng/../search/lib/jersey-core-1.9.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/flume-ng/../search/lib/jersey-server-1.9.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/flume-ng/../search/lib/jetty-continuation-8.1.10.v20130312.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/flume-ng/../search/lib/jetty-deploy-8.1.10.v20130312.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/flume-ng/../search/lib/jetty-http-8.1.10.v20130312.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/flume-ng/../search/lib/jetty-io-8.1.10.v20130312.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/flume-ng/../search/lib/jetty-jmx-8.1.10.v20130312.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/flume-ng/../search/lib/jetty-security-8.1.10.v20130312.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/flume-ng/../search/lib/jetty-server-8.1.10.v20130312.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/flume-ng/../search/lib/jetty-servlet-8.1.10.v20130312.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/flume-ng/../search/lib/jetty-util-8.1.10.v20130312.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/flume-ng/../search/lib/jetty-webapp-8.1.10.v20130312.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/flume-ng/../search/lib/jetty-xml-8.1.10.v20130312.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/flume-ng/../search/lib/jhighlight-1.0.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/flume-ng/../search/lib/joda-time-1.6.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/flume-ng/../search/lib/jsch-0.1.42.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/flume-ng/../search/lib/jsr305-1.3.9.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/flume-ng/../search/lib/juniversalchardet-1.0.3.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/flume-ng/../search/lib/kite-hadoop-compatibility.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/flume-ng/../search/lib/kite-morphlines-avro.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/flume-ng/../search/lib/kite-morphlines-core.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/flume-ng/../search/lib/kite-morphlines-hadoop-core.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/flume-ng/../search/lib/kite-morphlines-hadoop-parquet-avro.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/flume-ng/../search/lib/kite-morphlines-hadoop-rcfile.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/flume-ng/../search/lib/kite-morphlines-hadoop-sequencefile.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/flume-ng/../search/lib/kite-morphlines-json.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/flume-ng/../search/lib/kite-morphlines-maxmind.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/flume-ng/../search/lib/kite-morphlines-metrics-servlets.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/flume-ng/../search/lib/kite-morphlines-saxon.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/flume-ng/../search/lib/kite-morphlines-solr-cell.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/flume-ng/../search/lib/kite-morphlines-solr-core.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/flume-ng/../search/lib/kite-morphlines-tika-core.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/flume-ng/../search/lib/kite-morphlines-tika-decompress.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/flume-ng/../search/lib/kite-morphlines-twitter.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/flume-ng/../search/lib/kite-morphlines-useragent.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/flume-ng/../search/lib/leveldbjni-all-1.8.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/flume-ng/../search/lib/log4j-1.2.17.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/flume-ng/../search/lib/lucene-analyzers-common.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/flume-ng/../search/lib/lucene-analyzers-kuromoji.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/flume-ng/../search/lib/lucene-analyzers-phonetic.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/flume-ng/../search/lib/lucene-codecs.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/flume-ng/../search/lib/lucene-core.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/flume-ng/../search/lib/lucene-expressions.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/flume-ng/../search/lib/lucene-grouping.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/flume-ng/../search/lib/lucene-highlighter.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/flume-ng/../search/lib/lucene-join.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/flume-ng/../search/lib/lucene-memory.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/flume-ng/../search/lib/lucene-misc.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/flume-ng/../search/lib/lucene-queries.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/flume-ng/../search/lib/lucene-queryparser.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/flume-ng/../search/lib/lucene-spatial.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/flume-ng/../search/lib/lucene-suggest.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/flume-ng/../search/lib/maxmind-db-1.0.0.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/flume-ng/../search/lib/metadata-extractor-2.6.2.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/flume-ng/../search/lib/metrics-core-3.0.2.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/flume-ng/../search/lib/metrics-healthchecks-3.0.2.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/flume-ng/../search/lib/metrics-json-3.0.2.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/flume-ng/../search/lib/metrics-jvm-3.0.2.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/flume-ng/../search/lib/metrics-servlets-3.0.2.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/flume-ng/../search/lib/netcdf-4.2-min.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/flume-ng/../search/lib/netty-3.10.5.Final.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/flume-ng/../search/lib/netty-all-4.0.23.Final.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/flume-ng/../search/lib/noggit-0.5.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/flume-ng/../search/lib/org.restlet-2.1.4.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/flume-ng/../search/lib/org.restlet.ext.servlet-2.1.4.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/flume-ng/../search/lib/paranamer-2.3.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/flume-ng/../search/lib/parquet-avro.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/flume-ng/../search/lib/parquet-column.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/flume-ng/../search/lib/parquet-common.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/flume-ng/../search/lib/parquet-encoding.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/flume-ng/../search/lib/parquet-format.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/flume-ng/../search/lib/parquet-hadoop.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/flume-ng/../search/lib/parquet-jackson.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/flume-ng/../search/lib/pdfbox-1.8.4.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/flume-ng/../search/lib/poi-3.10-beta2.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/flume-ng/../search/lib/poi-ooxml-3.10-beta2.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/flume-ng/../search/lib/poi-ooxml-schemas-3.10.1.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/flume-ng/../search/lib/poi-scratchpad-3.10-beta2.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/flume-ng/../search/lib/protobuf-java-2.5.0.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/flume-ng/../search/lib/rome-0.9.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/flume-ng/../search/lib/Saxon-HE-9.5.1-5.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/flume-ng/../search/lib/snakeyaml-1.10.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/flume-ng/../search/lib/snappy-java-1.0.4.1.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/flume-ng/../search/lib/solr-cell.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/flume-ng/../search/lib/solr-core.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/flume-ng/../search/lib/solr-solrj.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/flume-ng/../search/lib/spatial4j-0.4.1.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/flume-ng/../search/lib/tagsoup-1.2.1.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/flume-ng/../search/lib/tika-core-1.5.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/flume-ng/../search/lib/tika-parsers-1.5.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/flume-ng/../search/lib/tika-xmp-1.5.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/flume-ng/../search/lib/ua-parser-1.3.0.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/flume-ng/../search/lib/vorbis-java-core-0.1.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/flume-ng/../search/lib/vorbis-java-core-0.1-tests.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/flume-ng/../search/lib/vorbis-java-tika-0.1.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/flume-ng/../search/lib/wstx-asl-3.2.7.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/flume-ng/../search/lib/xercesImpl-2.9.1.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/flume-ng/../search/lib/xml-apis-1.3.04.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/flume-ng/../search/lib/xmlbeans-2.6.0.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/flume-ng/../search/lib/xmlenc-0.52.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/flume-ng/../search/lib/xmpcore-5.1.2.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/flume-ng/../search/lib/xz-1.0.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/flume-ng/../search/lib/zookeeper.jar' -Djava.library.path=:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/hadoop/lib/native:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/hadoop/lib/native:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/hbase/bin/../lib/native/Linux-amd64-64org.apache.flume.node.Application--conf-file /etc/hadoop/conf/flume-conf.properties --name collector1

17/08/16 14:20:18 INFO node.PollingPropertiesFileConfigurationProvider: Configuration provider starting

17/08/16 14:20:18 INFO node.PollingPropertiesFileConfigurationProvider: Reloading configuration file:/etc/hadoop/conf/flume-conf.properties

17/08/16 14:20:18 INFO conf.FlumeConfiguration: Processing:sink1

17/08/16 14:20:18 INFO conf.FlumeConfiguration: Processing:sink1

17/08/16 14:20:18 INFO conf.FlumeConfiguration: Processing:sink1

17/08/16 14:20:18 INFO conf.FlumeConfiguration: Added sinks: sink1 Agent: tail1

17/08/16 14:20:18 INFO conf.FlumeConfiguration: Processing:sink1

17/08/16 14:20:18 INFO conf.FlumeConfiguration: Added sinks: sink1 Agent: collector1

17/08/16 14:20:18 INFO conf.FlumeConfiguration: Processing:sink1

17/08/16 14:20:18 INFO conf.FlumeConfiguration: Processing:sink1

17/08/16 14:20:18 INFO conf.FlumeConfiguration: Processing:sink1

17/08/16 14:20:18 INFO conf.FlumeConfiguration: Processing:sink1

17/08/16 14:20:18 INFO conf.FlumeConfiguration: Processing:sink1

17/08/16 14:20:18 INFO conf.FlumeConfiguration: Post-validation flume configuration contains configuration for agents: [tail1, collector1]

17/08/16 14:20:18 INFO node.AbstractConfigurationProvider: Creating channels

17/08/16 14:20:18 INFO channel.DefaultChannelFactory: Creating instance of channel ch1 type memory

17/08/16 14:20:18 INFO node.AbstractConfigurationProvider: Created channel ch1

17/08/16 14:20:18 INFO source.DefaultSourceFactory: Creating instance of source src1, type avro

17/08/16 14:20:18 INFO sink.DefaultSinkFactory: Creating instance of sink: sink1, type: hdfs

17/08/16 14:20:18 INFO node.AbstractConfigurationProvider: Channel ch1 connected to [src1, sink1]

17/08/16 14:20:18 INFO node.Application: Starting new configuration:{ sourceRunners:{src1=EventDrivenSourceRunner: { source:Avro source src1: { bindAddress: localhost, port: 6000 } }} sinkRunners:{sink1=SinkRunner: { policy:org.apache.flume.sink.DefaultSinkProcessor@222f8903 counterGroup:{ name:null counters:{} } }} channels:{ch1=org.apache.flume.channel.MemoryChannel{name: ch1}} }

17/08/16 14:20:18 INFO node.Application: Starting Channel ch1

17/08/16 14:20:18 INFO instrumentation.MonitoredCounterGroup: Monitored counter group for type: CHANNEL, name: ch1: Successfully registered new MBean.

17/08/16 14:20:18 INFO instrumentation.MonitoredCounterGroup: Component type: CHANNEL, name: ch1 started

17/08/16 14:20:18 INFO node.Application: Starting Sink sink1

17/08/16 14:20:18 INFO instrumentation.MonitoredCounterGroup: Monitored counter group for type: SINK, name: sink1: Successfully registered new MBean.

17/08/16 14:20:18 INFO instrumentation.MonitoredCounterGroup: Component type: SINK, name: sink1 started

17/08/16 14:20:18 INFO node.Application: Starting Source src1

17/08/16 14:20:18 INFO source.AvroSource: Starting Avro source src1: { bindAddress: localhost, port: 6000 }...

17/08/16 14:20:19 INFO instrumentation.MonitoredCounterGroup: Monitored counter group for type: SOURCE, name: src1: Successfully registered new MBean.

17/08/16 14:20:19 INFO instrumentation.MonitoredCounterGroup: Component type: SOURCE, name: src1 started

17/08/16 14:20:19 INFO source.AvroSource: Avro source src1 started.

4. tail日志：flume-ng agent --conf-file /etc/hadoop/conf/flume-conf.properties --name tail1（注意红色部分的状态）

[root@elephant ~]#  flume-ng agent --conf-file /etc/hadoop/conf/flume-conf.properties --name tail1

Warning: No configuration directory set! Use --conf <dir> to override.

Info: Including Hadoop libraries found via (/usr/bin/hadoop) for HDFS access

Info: Including HBASE libraries found via (/usr/bin/hbase) for HBASE access

Info: Including Hive libraries found via () for Hive access

+exec/usr/java/jdk1.7.0\_67-cloudera/bin/java-Xmx20m-cp'/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/flume-ng/lib/\*:/etc/hadoop/conf:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/hadoop/libexec/../../hadoop/lib/\*:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/hadoop/libexec/../../hadoop/.//\*:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/hadoop/libexec/../../hadoop-hdfs/./:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/hadoop/libexec/../../hadoop-hdfs/lib/\*:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/hadoop/libexec/../../hadoop-hdfs/.//\*:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/hadoop/libexec/../../hadoop-yarn/lib/\*:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/hadoop/libexec/../../hadoop-yarn/.//\*:/opt/cloudera/parcels/CDH/lib/hadoop-0.20-mapreduce/./:/opt/cloudera/parcels/CDH/lib/hadoop-0.20-mapreduce/lib/\*:/opt/cloudera/parcels/CDH/lib/hadoop-0.20-mapreduce/.//\*:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/hbase/bin/../conf:/usr/java/jdk1.7.0\_67-cloudera/lib/tools.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/hbase/bin/..:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/hbase/bin/../lib/activation-1.1.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/hbase/bin/../lib/apacheds-i18n-2.0.0-M15.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/hbase/bin/../lib/apacheds-kerberos-codec-2.0.0-M15.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/hbase/bin/../lib/api-asn1-api-1.0.0-M20.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/hbase/bin/../lib/api-util-1.0.0-M20.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/hbase/bin/../lib/asm-3.2.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/hbase/bin/../lib/avro.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/hbase/bin/../lib/aws-java-sdk-bundle-1.11.134.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/hbase/bin/../lib/commons-beanutils-1.9.2.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/hbase/bin/../lib/commons-beanutils-core-1.8.0.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/hbase/bin/../lib/commons-cli-1.2.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/hbase/bin/../lib/commons-codec-1.9.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/hbase/bin/../lib/commons-collections-3.2.2.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/hbase/bin/../lib/commons-compress-1.4.1.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/hbase/bin/../lib/commons-configuration-1.6.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/hbase/bin/../lib/commons-daemon-1.0.13.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/hbase/bin/../lib/commons-digester-1.8.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/hbase/bin/../lib/commons-el-1.0.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/hbase/bin/../lib/commons-httpclient-3.1.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/hbase/bin/../lib/commons-io-2.4.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/hbase/bin/../lib/commons-lang-2.6.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/hbase/bin/../lib/commons-logging-1.2.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/hbase/bin/../lib/commons-math-2.1.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/hbase/bin/../lib/commons-math3-3.1.1.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/hbase/bin/../lib/commons-net-3.1.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/hbase/bin/../lib/core-3.1.1.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/hbase/bin/../lib/curator-client-2.7.1.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/hbase/bin/../lib/curator-framework-2.7.1.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/hbase/bin/../lib/curator-recipes-2.7.1.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/hbase/bin/../lib/disruptor-3.3.0.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/hbase/bin/../lib/findbugs-annotations-1.3.9-1.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/hbase/bin/../lib/gson-2.2.4.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/hbase/bin/../lib/guava-12.0.1.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/hbase/bin/../lib/hamcrest-core-1.3.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/hbase/bin/../lib/hbase-annotations-1.2.0-cdh5.12.0.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/hbase/bin/../lib/hbase-annotations-1.2.0-cdh5.12.0-tests.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/hbase/bin/../lib/hbase-client-1.2.0-cdh5.12.0.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/hbase/bin/../lib/hbase-common-1.2.0-cdh5.12.0.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/hbase/bin/../lib/hbase-common-1.2.0-cdh5.12.0-tests.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/hbase/bin/../lib/hbase-examples-1.2.0-cdh5.12.0.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/hbase/bin/../lib/hbase-external-blockcache-1.2.0-cdh5.12.0.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/hbase/bin/../lib/hbase-hadoop2-compat-1.2.0-cdh5.12.0.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/hbase/bin/../lib/hbase-hadoop2-compat-1.2.0-cdh5.12.0-tests.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/hbase/bin/../lib/hbase-hadoop-compat-1.2.0-cdh5.12.0.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/hbase/bin/../lib/hbase-hadoop-compat-1.2.0-cdh5.12.0-tests.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/hbase/bin/../lib/hbase-it-1.2.0-cdh5.12.0.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/hbase/bin/../lib/hbase-it-1.2.0-cdh5.12.0-tests.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/hbase/bin/../lib/hbase-prefix-tree-1.2.0-cdh5.12.0.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/hbase/bin/../lib/hbase-procedure-1.2.0-cdh5.12.0.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/hbase/bin/../lib/hbase-protocol-1.2.0-cdh5.12.0.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/hbase/bin/../lib/hbase-resource-bundle-1.2.0-cdh5.12.0.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/hbase/bin/../lib/hbase-rest-1.2.0-cdh5.12.0.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/hbase/bin/../lib/hbase-rsgroup-1.2.0-cdh5.12.0.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/hbase/bin/../lib/hbase-rsgroup-1.2.0-cdh5.12.0-tests.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/hbase/bin/../lib/hbase-server-1.2.0-cdh5.12.0.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/hbase/bin/../lib/hbase-server-1.2.0-cdh5.12.0-tests.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/hbase/bin/../lib/hbase-shell-1.2.0-cdh5.12.0.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/hbase/bin/../lib/hbase-spark-1.2.0-cdh5.12.0.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/hbase/bin/../lib/hbase-thrift-1.2.0-cdh5.12.0.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/hbase/bin/../lib/high-scale-lib-1.1.1.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/hbase/bin/../lib/hsqldb-1.8.0.10.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/hbase/bin/../lib/htrace-core-3.2.0-incubating.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/hbase/bin/../lib/htrace-core4-4.0.1-incubating.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/hbase/bin/../lib/htrace-core.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/hbase/bin/../lib/httpclient-4.2.5.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/hbase/bin/../lib/httpcore-4.2.5.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/hbase/bin/../lib/jackson-annotations-2.2.3.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/hbase/bin/../lib/jackson-core-2.2.3.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/hbase/bin/../lib/jackson-core-asl-1.8.8.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/hbase/bin/../lib/jackson-databind-2.2.3.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/hbase/bin/../lib/jackson-jaxrs-1.8.8.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/hbase/bin/../lib/jackson-mapper-asl-1.8.8.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/hbase/bin/../lib/jackson-xc-1.8.8.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/hbase/bin/../lib/jamon-runtime-2.4.1.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/hbase/bin/../lib/jasper-compiler-5.5.23.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/hbase/bin/../lib/jasper-runtime-5.5.23.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/hbase/bin/../lib/java-xmlbuilder-0.4.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/hbase/bin/../lib/jaxb-api-2.1.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/hbase/bin/../lib/jaxb-impl-2.2.3-1.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/hbase/bin/../lib/jcodings-1.0.8.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/hbase/bin/../lib/jersey-client-1.9.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/hbase/bin/../lib/jersey-core-1.9.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/hbase/bin/../lib/jersey-json-1.9.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/hbase/bin/../lib/jersey-server-1.9.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/hbase/bin/../lib/jets3t-0.9.0.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/hbase/bin/../lib/jettison-1.3.3.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/hbase/bin/../lib/jetty-6.1.26.cloudera.4.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/hbase/bin/../lib/jetty-sslengine-6.1.26.cloudera.4.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/hbase/bin/../lib/jetty-util-6.1.26.cloudera.4.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/hbase/bin/../lib/joni-2.1.2.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/hbase/bin/../lib/jruby-cloudera-1.0.0.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/hbase/bin/../lib/jsch-0.1.42.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/hbase/bin/../lib/jsp-2.1-6.1.14.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/hbase/bin/../lib/jsp-api-2.1-6.1.14.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/hbase/bin/../lib/jsp-api-2.1.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/hbase/bin/../lib/junit-4.12.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/hbase/bin/../lib/leveldbjni-all-1.8.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/hbase/bin/../lib/libthrift-0.9.3.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/hbase/bin/../lib/log4j-1.2.17.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/hbase/bin/../lib/metrics-core-2.2.0.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/hbase/bin/../lib/netty-all-4.0.23.Final.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/hbase/bin/../lib/paranamer-2.3.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/hbase/bin/../lib/protobuf-java-2.5.0.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/hbase/bin/../lib/servlet-api-2.5-6.1.14.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/hbase/bin/../lib/servlet-api-2.5.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/hbase/bin/../lib/slf4j-api-1.7.5.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/hbase/bin/../lib/slf4j-log4j12.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/hbase/bin/../lib/snappy-java-1.0.4.1.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/hbase/bin/../lib/spymemcached-2.11.6.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/hbase/bin/../lib/xmlenc-0.52.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/hbase/bin/../lib/xz-1.0.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/hbase/bin/../lib/zookeeper.jar:/etc/hadoop/conf:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/hadoop/libexec/../../hadoop/lib/\*:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/hadoop/libexec/../../hadoop/.//\*:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/hadoop/libexec/../../hadoop-hdfs/./:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/hadoop/libexec/../../hadoop-hdfs/lib/\*:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/hadoop/libexec/../../hadoop-hdfs/.//\*:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/hadoop/libexec/../../hadoop-yarn/lib/\*:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/hadoop/libexec/../../hadoop-yarn/.//\*:/opt/cloudera/parcels/CDH/lib/hadoop-0.20-mapreduce/./:/opt/cloudera/parcels/CDH/lib/hadoop-0.20-mapreduce/lib/\*:/opt/cloudera/parcels/CDH/lib/hadoop-0.20-mapreduce/.//\*:/etc/hadoop/conf:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/bin/../lib/hadoop/\*:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/bin/../lib/hadoop/lib/\*:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/bin/../lib/zookeeper/\*:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/bin/../lib/zookeeper/lib/\*::/conf:/lib/\*:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/flume-ng/../search/lib/antlr-2.7.7.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/flume-ng/../search/lib/antlr-runtime-3.4.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/flume-ng/../search/lib/apacheds-kerberos-codec-2.0.0-M15.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/flume-ng/../search/lib/apache-mime4j-core-0.7.2.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/flume-ng/../search/lib/apache-mime4j-dom-0.7.2.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/flume-ng/../search/lib/api-asn1-api-1.0.0-M20.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/flume-ng/../search/lib/api-util-1.0.0-M20.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/flume-ng/../search/lib/argparse4j-0.4.3.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/flume-ng/../search/lib/asm-3.2.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/flume-ng/../search/lib/asm-4.1.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/flume-ng/../search/lib/asm-commons-4.1.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/flume-ng/../search/lib/asm-debug-all-4.1.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/flume-ng/../search/lib/aspectjrt-1.6.5.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/flume-ng/../search/lib/avro.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/flume-ng/../search/lib/bcmail-jdk15-1.45.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/flume-ng/../search/lib/bcprov-jdk15-1.45.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/flume-ng/../search/lib/boilerpipe-1.1.0.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/flume-ng/../search/lib/commons-cli-1.2.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/flume-ng/../search/lib/commons-codec-1.4.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/flume-ng/../search/lib/commons-collections-3.2.2.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/flume-ng/../search/lib/commons-compress-1.4.1.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/flume-ng/../search/lib/commons-configuration-1.6.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/flume-ng/../search/lib/commons-el-1.0.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/flume-ng/../search/lib/commons-fileupload-1.3.2.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/flume-ng/../search/lib/commons-io-2.4.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/flume-ng/../search/lib/commons-lang-2.6.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/flume-ng/../search/lib/commons-logging-1.1.3.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/flume-ng/../search/lib/commons-math3-3.1.1.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/flume-ng/../search/lib/commons-net-3.1.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/flume-ng/../search/lib/concurrentlinkedhashmap-lru-1.2.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/flume-ng/../search/lib/config-1.0.2.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/flume-ng/../search/lib/curator-client-2.7.1.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/flume-ng/../search/lib/curator-framework-2.7.1.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/flume-ng/../search/lib/curator-recipes-2.7.1.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/flume-ng/../search/lib/dom4j-1.6.1.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/flume-ng/../search/lib/fastutil-6.3.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/flume-ng/../search/lib/fontbox-1.8.4.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/flume-ng/../search/lib/gson-2.2.4.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/flume-ng/../search/lib/guava-11.0.2.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/flume-ng/../search/lib/hadoop-annotations.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/flume-ng/../search/lib/hadoop-auth.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/flume-ng/../search/lib/hadoop-common.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/flume-ng/../search/lib/hadoop-hdfs.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/flume-ng/../search/lib/hppc-0.5.2.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/flume-ng/../search/lib/htrace-core-3.2.0-incubating.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/flume-ng/../search/lib/htrace-core4-4.0.1-incubating.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/flume-ng/../search/lib/httpclient-4.2.5.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/flume-ng/../search/lib/httpcore-4.2.5.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/flume-ng/../search/lib/httpmime-4.2.5.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/flume-ng/../search/lib/isoparser-1.0-RC-1.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/flume-ng/../search/lib/jackson-annotations-2.3.0.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/flume-ng/../search/lib/jackson-core-2.3.1.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/flume-ng/../search/lib/jackson-core-asl-1.8.8.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/flume-ng/../search/lib/jackson-databind-2.3.1.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/flume-ng/../search/lib/jackson-mapper-asl-1.8.8.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/flume-ng/../search/lib/javax.servlet-3.0.0.v201112011016.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/flume-ng/../search/lib/jcl-over-slf4j-1.7.5.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/flume-ng/../search/lib/jdom-1.0.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/flume-ng/../search/lib/jempbox-1.8.4.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/flume-ng/../search/lib/jersey-core-1.9.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/flume-ng/../search/lib/jersey-server-1.9.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/flume-ng/../search/lib/jetty-continuation-8.1.10.v20130312.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/flume-ng/../search/lib/jetty-deploy-8.1.10.v20130312.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/flume-ng/../search/lib/jetty-http-8.1.10.v20130312.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/flume-ng/../search/lib/jetty-io-8.1.10.v20130312.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/flume-ng/../search/lib/jetty-jmx-8.1.10.v20130312.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/flume-ng/../search/lib/jetty-security-8.1.10.v20130312.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/flume-ng/../search/lib/jetty-server-8.1.10.v20130312.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/flume-ng/../search/lib/jetty-servlet-8.1.10.v20130312.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/flume-ng/../search/lib/jetty-util-8.1.10.v20130312.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/flume-ng/../search/lib/jetty-webapp-8.1.10.v20130312.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/flume-ng/../search/lib/jetty-xml-8.1.10.v20130312.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/flume-ng/../search/lib/jhighlight-1.0.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/flume-ng/../search/lib/joda-time-1.6.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/flume-ng/../search/lib/jsch-0.1.42.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/flume-ng/../search/lib/jsr305-1.3.9.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/flume-ng/../search/lib/juniversalchardet-1.0.3.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/flume-ng/../search/lib/kite-hadoop-compatibility.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/flume-ng/../search/lib/kite-morphlines-avro.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/flume-ng/../search/lib/kite-morphlines-core.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/flume-ng/../search/lib/kite-morphlines-hadoop-core.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/flume-ng/../search/lib/kite-morphlines-hadoop-parquet-avro.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/flume-ng/../search/lib/kite-morphlines-hadoop-rcfile.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/flume-ng/../search/lib/kite-morphlines-hadoop-sequencefile.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/flume-ng/../search/lib/kite-morphlines-json.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/flume-ng/../search/lib/kite-morphlines-maxmind.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/flume-ng/../search/lib/kite-morphlines-metrics-servlets.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/flume-ng/../search/lib/kite-morphlines-saxon.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/flume-ng/../search/lib/kite-morphlines-solr-cell.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/flume-ng/../search/lib/kite-morphlines-solr-core.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/flume-ng/../search/lib/kite-morphlines-tika-core.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/flume-ng/../search/lib/kite-morphlines-tika-decompress.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/flume-ng/../search/lib/kite-morphlines-twitter.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/flume-ng/../search/lib/kite-morphlines-useragent.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/flume-ng/../search/lib/leveldbjni-all-1.8.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/flume-ng/../search/lib/log4j-1.2.17.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/flume-ng/../search/lib/lucene-analyzers-common.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/flume-ng/../search/lib/lucene-analyzers-kuromoji.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/flume-ng/../search/lib/lucene-analyzers-phonetic.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/flume-ng/../search/lib/lucene-codecs.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/flume-ng/../search/lib/lucene-core.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/flume-ng/../search/lib/lucene-expressions.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/flume-ng/../search/lib/lucene-grouping.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/flume-ng/../search/lib/lucene-highlighter.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/flume-ng/../search/lib/lucene-join.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/flume-ng/../search/lib/lucene-memory.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/flume-ng/../search/lib/lucene-misc.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/flume-ng/../search/lib/lucene-queries.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/flume-ng/../search/lib/lucene-queryparser.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/flume-ng/../search/lib/lucene-spatial.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/flume-ng/../search/lib/lucene-suggest.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/flume-ng/../search/lib/maxmind-db-1.0.0.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/flume-ng/../search/lib/metadata-extractor-2.6.2.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/flume-ng/../search/lib/metrics-core-3.0.2.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/flume-ng/../search/lib/metrics-healthchecks-3.0.2.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/flume-ng/../search/lib/metrics-json-3.0.2.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/flume-ng/../search/lib/metrics-jvm-3.0.2.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/flume-ng/../search/lib/metrics-servlets-3.0.2.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/flume-ng/../search/lib/netcdf-4.2-min.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/flume-ng/../search/lib/netty-3.10.5.Final.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/flume-ng/../search/lib/netty-all-4.0.23.Final.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/flume-ng/../search/lib/noggit-0.5.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/flume-ng/../search/lib/org.restlet-2.1.4.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/flume-ng/../search/lib/org.restlet.ext.servlet-2.1.4.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/flume-ng/../search/lib/paranamer-2.3.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/flume-ng/../search/lib/parquet-avro.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/flume-ng/../search/lib/parquet-column.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/flume-ng/../search/lib/parquet-common.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/flume-ng/../search/lib/parquet-encoding.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/flume-ng/../search/lib/parquet-format.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/flume-ng/../search/lib/parquet-hadoop.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/flume-ng/../search/lib/parquet-jackson.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/flume-ng/../search/lib/pdfbox-1.8.4.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/flume-ng/../search/lib/poi-3.10-beta2.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/flume-ng/../search/lib/poi-ooxml-3.10-beta2.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/flume-ng/../search/lib/poi-ooxml-schemas-3.10.1.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/flume-ng/../search/lib/poi-scratchpad-3.10-beta2.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/flume-ng/../search/lib/protobuf-java-2.5.0.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/flume-ng/../search/lib/rome-0.9.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/flume-ng/../search/lib/Saxon-HE-9.5.1-5.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/flume-ng/../search/lib/snakeyaml-1.10.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/flume-ng/../search/lib/snappy-java-1.0.4.1.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/flume-ng/../search/lib/solr-cell.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/flume-ng/../search/lib/solr-core.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/flume-ng/../search/lib/solr-solrj.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/flume-ng/../search/lib/spatial4j-0.4.1.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/flume-ng/../search/lib/tagsoup-1.2.1.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/flume-ng/../search/lib/tika-core-1.5.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/flume-ng/../search/lib/tika-parsers-1.5.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/flume-ng/../search/lib/tika-xmp-1.5.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/flume-ng/../search/lib/ua-parser-1.3.0.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/flume-ng/../search/lib/vorbis-java-core-0.1.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/flume-ng/../search/lib/vorbis-java-core-0.1-tests.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/flume-ng/../search/lib/vorbis-java-tika-0.1.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/flume-ng/../search/lib/wstx-asl-3.2.7.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/flume-ng/../search/lib/xercesImpl-2.9.1.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/flume-ng/../search/lib/xml-apis-1.3.04.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/flume-ng/../search/lib/xmlbeans-2.6.0.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/flume-ng/../search/lib/xmlenc-0.52.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/flume-ng/../search/lib/xmpcore-5.1.2.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/flume-ng/../search/lib/xz-1.0.jar:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/flume-ng/../search/lib/zookeeper.jar' -Djava.library.path=:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/hadoop/lib/native:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/hadoop/lib/native:/opt/cloudera/parcels/CDH-5.12.0-1.cdh5.12.0.p0.29/lib/hbase/bin/../lib/native/Linux-amd64-64org.apache.flume.node.Application--conf-file

/etc/hadoop/conf/flume-conf.properties --name tail1

17/08/16 14:23:36 INFO node.PollingPropertiesFileConfigurationProvider: Configuration provider starting

17/08/16 14:23:36 INFO node.PollingPropertiesFileConfigurationProvider: Reloading configuration file:/etc/hadoop/conf/flume-conf.properties

17/08/16 14:23:36 INFO conf.FlumeConfiguration: Processing:sink1

17/08/16 14:23:36 INFO conf.FlumeConfiguration: Processing:sink1

17/08/16 14:23:36 INFO conf.FlumeConfiguration: Processing:sink1

17/08/16 14:23:36 INFO conf.FlumeConfiguration: Added sinks: sink1 Agent: tail1

17/08/16 14:23:36 INFO conf.FlumeConfiguration: Processing:sink1

17/08/16 14:23:36 INFO conf.FlumeConfiguration: Added sinks: sink1 Agent: collector1

17/08/16 14:23:36 INFO conf.FlumeConfiguration: Processing:sink1

17/08/16 14:23:36 INFO conf.FlumeConfiguration: Processing:sink1

17/08/16 14:23:36 INFO conf.FlumeConfiguration: Processing:sink1

17/08/16 14:23:36 INFO conf.FlumeConfiguration: Processing:sink1

17/08/16 14:23:36 INFO conf.FlumeConfiguration: Processing:sink1

17/08/16 14:23:36 INFO conf.FlumeConfiguration: Post-validation flume configuration contains configuration for agents: [tail1, collector1]

17/08/16 14:23:36 INFO node.AbstractConfigurationProvider: Creating channels

17/08/16 14:23:36 INFO channel.DefaultChannelFactory: Creating instance of channel ch1 type memory

17/08/16 14:23:36 INFO node.AbstractConfigurationProvider: Created channel ch1

17/08/16 14:23:36 INFO source.DefaultSourceFactory: Creating instance of source src1, type exec

17/08/16 14:23:36 INFO sink.DefaultSinkFactory: Creating instance of sink: sink1, type: avro

17/08/16 14:23:36 INFO sink.AbstractRpcSink: Connection reset is set to 0. Will not reset connection to next hop

17/08/16 14:23:36 INFO node.AbstractConfigurationProvider: Channel ch1 connected to [src1, sink1]

17/08/16 14:23:36 INFO node.Application: Starting new configuration:{ sourceRunners:{src1=EventDrivenSourceRunner: { source:org.apache.flume.source.ExecSource{name:src1,state:IDLE} }} sinkRunners:{sink1=SinkRunner: { policy:org.apache.flume.sink.DefaultSinkProcessor@5f0dd6db counterGroup:{ name:null counters:{} } }} channels:{ch1=org.apache.flume.channel.MemoryChannel{name: ch1}} }

17/08/16 14:23:36 INFO node.Application: Starting Channel ch1

17/08/16 14:23:36 INFO instrumentation.MonitoredCounterGroup: Monitored counter group for type: CHANNEL, name: ch1: Successfully registered new MBean.

17/08/16 14:23:36 INFO instrumentation.MonitoredCounterGroup: Component type: CHANNEL, name: ch1 started

17/08/16 14:23:36 INFO node.Application: Starting Sink sink1

17/08/16 14:23:36 INFO sink.AbstractRpcSink: Starting RpcSink sink1 { host: localhost, port: 6000 }...

17/08/16 14:23:36 INFO instrumentation.MonitoredCounterGroup: Monitored counter group for type: SINK, name: sink1: Successfully registered new MBean.

17/08/16 14:23:36 INFO instrumentation.MonitoredCounterGroup: Component type: SINK, name: sink1 started

17/08/16 14:23:36 INFO sink.AbstractRpcSink: Rpc sink sink1: Building RpcClient with hostname: localhost, port: 6000

17/08/16 14:23:36 INFO node.Application: Starting Source src1

17/08/16 14:23:36 INFO sink.AvroSink: Attempting to create Avro Rpc client.

17/08/16 14:23:36 INFO source.ExecSource: Exec source starting with command: sudo tail -F /var/log/httpd/access\_log

17/08/16 14:23:36 INFO instrumentation.MonitoredCounterGroup: Monitored counter group for type: SOURCE, name: src1: Successfully registered new MBean.

17/08/16 14:23:36 INFO instrumentation.MonitoredCounterGroup: Component type: SOURCE, name: src1 started

17/08/16 14:23:36 WARN api.NettyAvroRpcClient: Using default maxIOWorkers

17/08/16 14:23:37 INFO sink.AbstractRpcSink: Rpc sink sink1 started.

5.查看HDFS上抓取的日志：hadoop fs -ls /flume/collector1 （如图所示看到hdfs上有access\_log文件表示已经成功抓取webserver上的日志）

