

## Sequence Generator

**File name:** seq\_gen.conf

**File Location:** /usr/local/Flume/conf/ (Note: Under the conf file where Flume is installed)

**Note: Save the below content in the conf file**

```
# Naming the components on the current agent
SeqGenAgent.sources = SeqSource
SeqGenAgent.channels = MemChannel
SeqGenAgent.sinks = HDFS

# Describing/Configuring the source
SeqGenAgent.sources.SeqSource.type = seq

# Describing/Configuring the sink
SeqGenAgent.sinks.HDFS.type = hdfs
SeqGenAgent.sinks.HDFS.hdfs.path = hdfs://localhost:9000/user/Flume/
SeqGenAgent.sinks.HDFS.hdfs.filePrefix = log
SeqGenAgent.sinks.HDFS.hdfs.rollInterval = 0
SeqGenAgent.sinks.HDFS.hdfs.rollCount = 10000
SeqGenAgent.sinks.HDFS.hdfs.fileType = DataStream

# Describing/Configuring the channel
SeqGenAgent.channels.MemChannel.type = memory
SeqGenAgent.channels.MemChannel.capacity = 1000
SeqGenAgent.channels.MemChannel.transactionCapacity = 100

# Binding the source and sink to the channel
SeqGenAgent.sources.SeqSource.channels = MemChannel
SeqGenAgent.sinks.HDFS.channel = MemChannel
```

## Executing Flume File

```
gomathis@impc3120a:~$ cd $FLUME_HOME
gomathis@impc3120a:/usr/local/Flume$ ./bin/flume-ng agent --conf $FLUME_CONF --conf-file $FLUME_CONF/seq_gen.conf --name SeqGenAgent
```

## Syntax:

**Change the directory to FLUME\_HOME**

```
$> cd $FLUME_HOME
```

**Execute Flume**

```
$> ./bin/flume-ng agent --conf <config-dir> --conf-file <config-file> --name <agent-name>
```

```
./bin/flume-ng agent --conf $FLUME_CONF --conf-file $FLUME_CONF/seq_gen.conf --name SeqGenAgent
```