

Flume内置channel,source,sink汇总

由于经常会使用到Flume的一些channel,source,sink，于是为了方便将这些channel,source,sink汇总出来，也共大家访问。

| Component Interface | Type Alias | Implementation Class |
|---------------------|---------------------|--|
| *.Channel | memory | *.channel.MemoryChannel |
| *.Channel | jdbc | *.channel.jdbc.JdbcChannel |
| *.Channel | file | *.channel.file.FileChannel |
| *.Channel | - | *.channel.PseudoTxnMemoryChannel |
| *.Channel | - | org.example.MyChannel |
| *.Source | avro | *.source.AvroSource |
| *.Source | netcat | *.source.NetcatSource |
| *.Source | seq | *.source.SequenceGeneratorSource |
| *.Source | exec | *.source.ExecSource |
| *.Source | syslogtcp | *.source.SyslogTcpSource |
| *.Source | multiport_syslogtcp | *.source.MultiportSyslogTCPSource |
| *.Source | syslogudp | *.source.SyslogUDPSource |
| *.Source | spooldir | *.source.SpoolDirectorySource |
| *.Source | http | *.source.http.HTTPSource |
| *.Source | thrift | *.source.ThriftSource |
| *.Source | jms | *.source.jms.JMSSource |
| *.Source | - | *.source.avroLegacy.AvroLegacySource |
| *.Source | - | *.source.thriftLegacy.ThriftLegacySource |
| *.Source | - | org.example.MySource |
| *.Sink | null | *.sink.NullSink |
| *.Sink | logger | *.sink.LoggerSink |
| *.Sink | avro | *.sink.AvroSink |
| *.Sink | hdfs | *.sink.hdfs.HDFSEventSink |
| *.Sink | hbase | *.sink.hbase.HBaseSink |
| *.Sink | asynchbase | *.sink.hbase.AsyncHBaseSink |
| *.Sink | elasticsearch | *.sink.elasticsearch.ElasticSearchSink |
| *.Sink | file_roll | *.sink.RollingFileSink |
| *.Sink | irc | *.sink.irc.IRCSink |
| *.Sink | thrift | *.sink.ThriftSink |
| *.Sink | - | org.example.MySink |
| *.ChannelSelector | replicating | *.channel.ReplicatingChannels |

| | | |
|--|-----------------|--|
| | | elector |
| *.ChannelSelector | multiplexing | *.channel.MultiplexingChannelSelector |
| *.ChannelSelector | - | org.example.MyChannelSelector |
| *.SinkProcessor | default | *.sink.DefaultSinkProcessor |
| *.SinkProcessor | failover | *.sink.FailoverSinkProcessor |
| *.SinkProcessor | load_balance | *.sink.LoadBalancingSinkProcessor |
| *.SinkProcessor | - | |
| *.interceptor.Interceptor | timestamp | *.interceptor.TimestampInterceptor\$Builder |
| *.interceptor.Interceptor | host | *.interceptor.HostInterceptor\$Builder |
| *.interceptor.Interceptor | static | *.interceptor.StaticInterceptor\$Builder |
| *.interceptor.Interceptor | regex_filter | *.interceptor.RegexFilteringInterceptor\$Builder |
| *.interceptor.Interceptor | regex_extractor | *.interceptor.RegexFilteringInterceptor\$Builder |
| *.channel.file.encryption.KeyProvider\$Builder | jceksfile | *.channel.file.encryption.JCEFileKeyProvider |
| *.channel.file.encryption.KeyProvider\$Builder | - | org.example.MyKeyProvider |
| *.channel.file.encryption.CipherProvider | aesctrnopadding | *.channel.file.encryption.AESCTRNoPaddingProvider |
| *.channel.file.encryption.CipherProvider | - | org.example.MyCipherProvider |
| *.serialization.EventSerializer\$Builder | text | *.serialization.BodyTextEventSerializer\$Builder |
| *.serialization.EventSerializer\$Builder | avro_event | *.serialization.FlumeEventAvroEventSerializer\$Builder |
| *.serialization.EventSerializer\$Builder | - | org.example.MyEventSerializer\$Builder |

由于表格太大了，所以这里将org.apache.flume.替换为*。，读者在阅读的时候，直接将*.理解成org.apache.flume.即可！

Sinks

accumulator
agentBEChain
agentBESink
agentBestEffortSink

Sources

asciisynth
autoCollectorSource
avroSource
collectorSource

Decorators

AccessIpFormatFilter
AmendAccessLogNew
AmendNginxErrorLog
ApacheFilter

| | | |
|--------------------|---------------|------------------------------|
| agentDFOChain | console | CatalinaFormat |
| agentDFOSink | exec | CatalinaLogExceptionHandler2 |
| agentE2EChain | execPeriodic | CatalinaLogExceptionHandler3 |
| agentE2ESink | execStream | CatalinaLogFilter2 |
| agentFailoverSink | fail | CatalinaLogFilter3 |
| agentSink | irc | FieldEqValueFilter |
| attr2hbase | log4jfile | Filter |
| autoBEChain | logicalSource | FormatAccessLog |
| autoDFOChain | multitail | FormatDate |
| autoE2EChain | nonlsynth | LogExceptionHandler |
| avroSink | null | LogFilter |
| collectorSink | report | PhpFilter |
| console | rpcSource | ackChecker |
| counter | scribe | ackInjector |
| counterHistory | seqfile | ackedWriteAhead |
| customdfs | stdin | amendAccessLog |
| dfs | synth | batch |
| escapedCustomDfs | synthrndsize | benchinject |
| escapedFormatDfs | syslogTcp | benchreport |
| fail | syslogTcp1 | bloomCheck |
| failChain | syslogUdp | bloomGen |
| flightbookinghbase | tail | choke |
| flightsearchhbase | tailDir | delay |
| formatDfs | text | digest |
| ganglia | thriftSource | diskFailover |
| hbase | tpriosource | exDate |
| irc | twitter | flakeyAppend |
| logicalSink | | format |
| multigrep | | gunzip |
| multigrepspec | | gzip |
| null | | inmem |
| regexhisto | | insertBefore |
| regexhistospec | | insistentAppend |
| rpcSink | | insistentOpen |
| seqfile | | intervalDropyAppend |
| syslogTcp | | intervalFlakeyAppend |
| text | | intervalSampler |
| thriftSink | | lazyOpen |
| | | mask |
| | | mult |
| | | nullDeco |
| | | probSampler |
| | | regex |
| | | regexAll |
| | | reservoirSampler |
| | | select |

split
splitCompare
stubbornAppend
unbatch
value

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