

# 4.5 적재 파일럿 실행 3단계 - 적재 기능구현

## SmartCar 에이전트 수정 (1/4)

예제 4.1 SmartCar 에이전트에서 수정할 기존 Logger Sink

```
SmartCar_Agent.sources = SmartCarInfo_SpoolSource DriverCarInfo_TailSource
```

```
SmartCar_Agent.channels = SmartCarInfo_Channel DriverCarInfo_Channel
```

```
SmartCar_Agent.sinks = SmartCarInfo_LoggerSink DriverCarInfo_KafkaSink
```

❶ SmartCarInfo\_HdfsSink로 교체

..... <중간 생략> .....

```
SmartCar_Agent.sinks.SmartCarInfo_LoggerSink.type = logger
```

❷ HdfsSink로 교체

```
SmartCar_Agent.sources.SmartCarInfo_SpoolSource.channels = SmartCarInfo_Channel
```

```
SmartCar_Agent.sinks.SmartCarInfo_LoggerSink.channel = SmartCarInfo_Channel
```

❸ HdfsSink  
Channel로 교체

..... <이하 생략> .....

# 4.5 적재 파일럿 실행 3단계 - 적재 기능구현

## SmartCar 에이전트 수정 (2/4)

예제 4.2 HDFS Sink로 교체한 플럼의 SmartCar 에이전트

```
SmartCar_Agent.sources = SmartCarInfo_SpoolSource DriverCarInfo_TailSource
```

```
SmartCar_Agent.channels = SmartCarInfo_Channel DriverCarInfo_Channel
```

```
SmartCar_Agent.sinks = SmartCarInfo_HdfsSink DriverCarInfo_KafkaSink
```

①

```
SmartCar_Agent.sources.SmartCarInfo_SpoolSource.type = spooldir
```

```
SmartCar_Agent.sources.SmartCarInfo_SpoolSource.spoolDir = /home/pilot-pjt/working/car-batch-log
```

```
SmartCar_Agent.sources.SmartCarInfo_SpoolSource.deletePolicy = immediate
```

```
SmartCar_Agent.sources.SmartCarInfo_SpoolSource.batchSize = 1000
```

②

```
SmartCar_Agent.sources.SmartCarInfo_SpoolSource.interceptors = timeInterceptor typeInterceptor
```

```
collectDayInterceptor filterInterceptor
```

## 4.5 적재 파일럿 실행 3단계 - 적재 기능구현

### SmartCar 에이전트 수정 (3/4)

```
SmartCar_Agent.sources.SmartCarInfo_SpoolSource.interceptors.timeInterceptor.type = timestamp
SmartCar_Agent.sources.SmartCarInfo_SpoolSource.interceptors.timeInterceptor.preserveExisting = true ③
```

```
SmartCar_Agent.sources.SmartCarInfo_SpoolSource.interceptors.typeInterceptor.type = static
SmartCar_Agent.sources.SmartCarInfo_SpoolSource.interceptors.typeInterceptor.key = logType ④
SmartCar_Agent.sources.SmartCarInfo_SpoolSource.interceptors.typeInterceptor.value = car-batch-log
```

```
SmartCar_Agent.sources.SmartCarInfo_SpoolSource.interceptors.collectDayInterceptor.type = com.
wikibook.bigdata.smartcar.flume.CollectDayInterceptor$Builder ⑤
```

```
SmartCar_Agent.sources.SmartCarInfo_SpoolSource.interceptors.filterInterceptor.type = regex_filter
SmartCar_Agent.sources.SmartCarInfo_SpoolSource.interceptors.filterInterceptor.regex = ^\\d{14}
SmartCar_Agent.sources.SmartCarInfo_SpoolSource.interceptors.filterInterceptor.excludeEvents = false
```

```
SmartCar_Agent.channels.SmartCarInfo_Channel.type = memory
```

```
SmartCar_Agent.channels.SmartCarInfo_Channel.capacity = 100000
```

```
SmartCar_Agent.channels.SmartCarInfo_Channel.transactionCapacity = 10000
```

## 4.5 적재 파일럿 실행 3단계 - 적재 기능구현

### SmartCar 에이전트 수정 (4/4)

```
SmartCar_Agent.sinks.SmartCarInfo_HdfsSink.type = hdfs
SmartCar_Agent.sinks.SmartCarInfo_HdfsSink.hdfs.path = /pilot-pjt/collect/{logType}/wrk_
date=%Y%m%d
SmartCar_Agent.sinks.SmartCarInfo_HdfsSink.hdfs.filePrefix = {logType}
SmartCar_Agent.sinks.SmartCarInfo_HdfsSink.hdfs.fileSuffix = .log
SmartCar_Agent.sinks.SmartCarInfo_HdfsSink.hdfs.fileType = DataStream
SmartCar_Agent.sinks.SmartCarInfo_HdfsSink.hdfs.writeFormat = Text
SmartCar_Agent.sinks.SmartCarInfo_HdfsSink.hdfs.batchSize = 10000
SmartCar_Agent.sinks.SmartCarInfo_HdfsSink.hdfs.rollInterval = 0
SmartCar_Agent.sinks.SmartCarInfo_HdfsSink.hdfs.rollCount = 0
SmartCar_Agent.sinks.SmartCarInfo_HdfsSink.hdfs.idleTimeout = 100
SmartCar_Agent.sinks.SmartCarInfo_HdfsSink.hdfs.callTimeout = 600000
SmartCar_Agent.sinks.SmartCarInfo_HdfsSink.hdfs.rollSize = 67108864
SmartCar_Agent.sinks.SmartCarInfo_HdfsSink.hdfs.threadPoolSize = 10
```

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```
SmartCar_Agent.sources.SmartCarInfo_SpoolSource.channels = SmartCarInfo_Channel
SmartCar_Agent.sinks.SmartCarInfo_HdfsSink.channel = SmartCarInfo_Channel
```

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## 4.5 적재 파일럿 실행 3단계 - 적재 기능구현

# 실습