

Sumo log appender change log consumer esb listener

Wiki Home	Grouper Release Announcements	Grouper Guides	Grouper Deployment Guide	Community Contributions	Internal Developer Resources
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Get the jar (no dependencies)

<https://github.com/SumoLogic/sumo-log4j-appender>

<https://repo1.maven.org/maven2/com/sumologic/plugins/log4j/sumo-log4j-appender/2.12/sumo-log4j-appender-2.12.jar>

Java of the listener

```
/**
 * @author mchyzer
 * $Id$
 */
package edu.columbia.sumoLog;

import org.apache.commons.logging.Log;

import edu.internet2.middleware.grouper.esb.listener.EsbListenerBase;
import edu.internet2.middleware.grouper.util.GrouperUtil;

/**
 *
 */
public class ColumbiaSumoLogAppender extends EsbListenerBase {

    /** logger */
    private static final Log LOG = GrouperUtil.getLog(ColumbiaSumoLogAppender.class);

    /**
     *
     */
    public ColumbiaSumoLogAppender() {
    }

    /**
     * @see edu.internet2.middleware.grouper.esb.listener.EsbListenerBase#dispatchEvent(java.lang.String, java.lang.String)
     */
    @Override
    public boolean dispatchEvent(String eventJsonString, String consumerName) {

        LOG.debug(eventJsonString);

        return true;
    }

    /**
     * @see edu.internet2.middleware.grouper.esb.listener.EsbListenerBase#disconnect()
     */
    @Override
    public void disconnect() {
    }
}
```

Configure log4j.properties

```
## Log messages to stderr
log4j.appender.sumo                                = com.sumologic.log4j.SumoLogicAppender
log4j.appender.sumo.layout                          = org.apache.log4j.PatternLayout
log4j.appender.sumo.layout.ConversionPattern        = %d{yyyy-MM-dd HH:mm:ss,SSS Z} [%t] %-5p %c - %m%n
log4j.appender.sumo.url                            = <YOUR_URL_HERE>
# Optional parameters for Metadata
log4j.appender.sumo.sourceName                     = <YOUR SOURCE NAME>
log4j.appender.sumo.sourceHost                     = <YOUR SOURCE HOST>
log4j.appender.sumo.sourceCategory                 = <YOUR SOURCE CATEGORY>

log4j.logger.edu.columbia.sumoLog.ColumbiaSumoLogAppender = DEBUG, sumo
log4j.additivity.edu.columbia.sumoLog.ColumbiaSumoLogAppender = false
```

Configure grouper-loader.properties

```
changeLog.consumer.boxEsb.class = edu.internet2.middleware.grouper.changeLog.esb.consumer.EsbConsumer
changeLog.consumer.boxEsb.quartzCron = 0 * * * * ?
#changeLog.consumer.boxEsb.elfilter =
changeLog.consumer.boxEsb.publisher.class = edu.columbia.sumoLog.ColumbiaSumoLogAppender
```