

JDBCAppenderConfiguration

This xml configuration example was submitted by Rich Bagley (thank you!), and is compatible with v1.2.7. A version specific to your environment will vary. Please see the [JDBCAppender documentation](#).

```
<?xml version="1.0" encoding="UTF-8" ?>
<!DOCTYPE log4j:configuration SYSTEM "log4j.dtd">

<log4j:configuration xmlns:log4j="http://jakarta.apache.org/log4j/">

  <appender name="jdbcAppender" class="org.apache.log4j.jdbc.JDBCAppender">
    <param name="URL" value="jdbc:oracle:thin:@sdl.hbs.edu:1521:sc1" />
    <param name="Driver" value="oracle.jdbc.driver.OracleDriver" />
    <param name="User" value="user" />
    <param name="Password" value="password" />
    <layout class="org.apache.log4j.PatternLayout">
      <param name="ConversionPattern"
        value="INSERT INTO LOGGING_SAMPLES_TEST (log_date, log_level, location, message) VALUES ( '%d
{ISO8601}', '%p', '%C;%L', '%m' )"
      />
    </layout>
  </appender>

  <appender name="STDOUT" class="org.apache.log4j.ConsoleAppender">
    <layout class="org.apache.log4j.PatternLayout">
      <param name="ConversionPattern"
        value="%d{ISO8601} %p (%C;%L) %m%n"
      />
    </layout>
  </appender>

  <logger name="logging.simple.jdbcLogger">
    <level value="debug"/>
    <appender-ref ref="jdbcAppender"/>
  </logger>

  <root>
    <level value="error"/>
    <appender-ref ref="STDOUT"/>
  </root>

</log4j:configuration>
```

A config for postgresql

```

<?xml version="1.0" encoding="UTF-8" ?>
<!DOCTYPE log4j:configuration SYSTEM "log4j.dtd">

<log4j:configuration xmlns:log4j="http://jakarta.apache.org/log4j/">

    <appender name="jdbcAppender" class="org.apache.log4j.jdbc.JDBCAppender">
        <param name="URL" value="jdbc:postgresql:db" />
        <param name="Driver" value="org.postgresql.Driver" />
        <param name="User" value="user" />
        <param name="Password" value="password" />
        <layout class="org.apache.log4j.PatternLayout">
            <param name="ConversionPattern"
                value="INSERT INTO log4j (log_date, log_level, log_location, log_message) VALUES ( '%d{yyyy-MM-dd}', '%p', '%C;%L', '%m' )" />
        </layout>
    </appender>

    <appender name="STDOUT" class="org.apache.log4j.ConsoleAppender">
        <layout class="org.apache.log4j.PatternLayout">
            <param name="ConversionPattern"
                value="%d{ISO8601} %p (%C;%L) %m%n" />
        </layout>
    </appender>

    <logger name="logging.simple.jdbcLogger">
        <level value="debug"/>
        <appender-ref ref="jdbcAppender"/>
    </logger>

    <root>
        <level value="error"/>
        <appender-ref ref="STDOUT"/>
    </root>

</log4j:configuration>

```

If the first field is declare as a date in the db (it's the most usefull method, i think), the %d{}-variable must be changed. Also the SQL-statement is other than for oracle, the driver is changed and the url is another one.

An alternative JDBC appender (with documentation) is available at <http://www.dankomannhaupt.de/projects/index.html> that has a few additional features which may be of interest.