

SQL logging to a separate log file

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🔧 SQL logging to a separate log file

Write SQL logging to a dedicated file (sql.log) – a separate log4j2 appender.

HOW-TO

ADMINISTRATOR

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APPLIES TO NUCLOS 4.2026.X

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SQL logging can be written to its own file. Define a separate **appender** (SQLLog) and reference it in the SQL logger:

```
<?xml version="1.0" encoding="UTF-8"?>
<Configuration>
  <Appenders>
    <Console name="Console" target="SYSTEM_OUT">
      <PatternLayout pattern="%d %p [%c] - %m%n"/>
    </Console>
    <RollingFile name="Logfile" fileName="<Nuclos-Log-Verzeichnis>/server.log"
      filePattern="<Nuclos-Log-Verzeichnis>/server-%i.log"
      append="true">
      <PatternLayout pattern="%d %p [%c] - %m%n"/>
      <Policies>
        <SizeBasedTriggeringPolicy size="5 MB"/>
      </Policies>
      <DefaultRolloverStrategy max="20"/>
    </RollingFile>
    <RollingFile name="SQLLog" fileName="<Nuclos-Log-Verzeichnis>/sql.log"
      filePattern="<Nuclos-Log-Verzeichnis>/sql-%i.log"
      append="true">
      <PatternLayout pattern="%d %p [%c] - %m%n"/>
      <Policies>
        <SizeBasedTriggeringPolicy size="5 MB"/>
      </Policies>
      <DefaultRolloverStrategy max="20"/>
    </RollingFile>
  </Appenders>
  <Loggers>
    <Logger name="org.apache.log4j.xml" level="info"/>
    <Logger name="SQLLogger" level="debug">
      <AppenderRef ref="SQLLog"/>
    </Logger>
    <Root level="info">
      <AppenderRef ref="Console"/>
      <AppenderRef ref="Logfile"/>
    </Root>
  </Loggers>
</Configuration>
```



Only in sql.log

With additivity="false" on the SQL logger the SQL entries only go to sql.log and not also to server.log.

Related pages

⚙️ [SQL logging](#)

Basics.

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