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# 

Back End I

# **Como gerar log com o log4J em um banco de dados?**

### Devemos seguir esses simples passos!

1. Configurar o **JDBCAppender** no arquivo log4j.properties:

| # Define the file appender  log4j.appender.sql=org.apache.log4j.jdbc.JDBCAppender  log4j.appender.sql.URL=jdbc:h2:./Database/my  # Set Database Driver  log4j.appender.sql.driver=org.h2.Driver  # Set database user name and password  log4j.appender.sql.user=root  log4j.appender.sql.password=password  # Set the SQL statement to be executed.  log4j.appender.sql.sql=INSERT INTO LOGS VALUES ('%x', now() ,'%C','%p','%m')  # Define the xml layout for file appender  log4j.appender.sql.layout=org.apache.log4j.PatternLayout |
| --- |

1. Criar uma tabela **Logs** no banco de dados:

CREATE TABLE LOGS

(

USER\_ID VARCHAR(20) NOT NULL,

DATED DATETIME NOT NULL,

LOGGER VARCHAR(50) NOT NULL,

LEVEL VARCHAR(10) NOT NULL,

MESSAGE VARCHAR(1000) NOT NULL

);

**Pronto!**