Certified Tech Developer

The Ultimate Degree

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
```

2. 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!