

Introduction to Maven

Apache Maven is a powerful build automation tool primarily used for Java projects. It simplifies dependency management, builds projects efficiently, and supports plugins to extend functionalities.

Installing Maven on Amazon Linux Steps:

1. take 1 EC2 instance & login.

2. connect to Linux environment.

3. Installing Java on Amazon Linux

Method 1: Install Amazon Corretto (Recommended)

```
sudo yum install -y java-1.8.0-amazon-corretto.x86_64
```

Verify installation:

```
java -version
```

Method 2: Install Java 17 (If Required)

```
sudo yum install -y java-17-amazon-corretto.x86_64
```

Set the default Java version (if multiple versions exist):

```
sudo alternatives --config java
```

4. install git

5. Install from Amazon Linux maven

```
sudo yum install -y maven
```

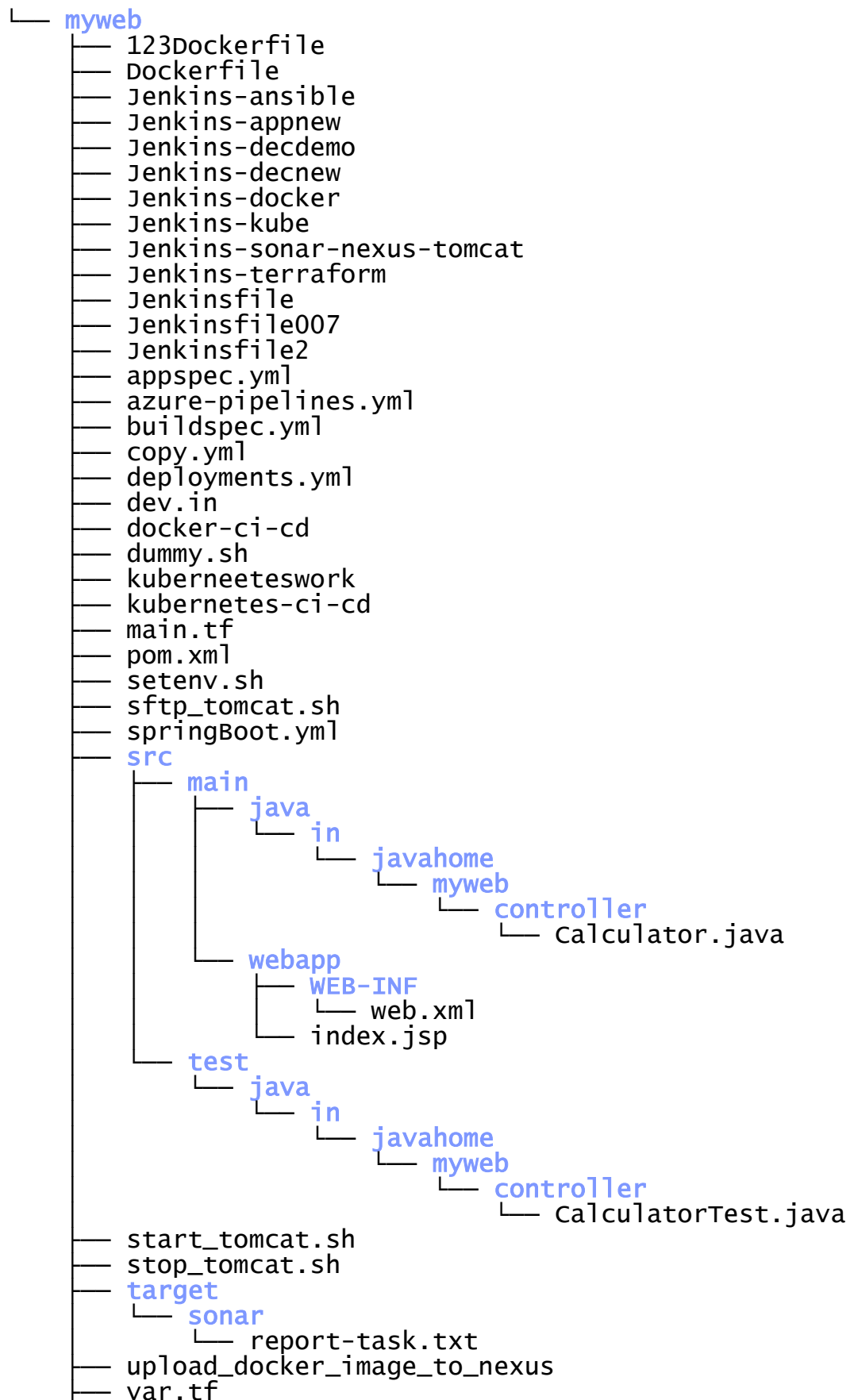
Verify installation:

```
mvn -version
```

6. clone the the git URL

7. cd filename(pom.xml)

A standard Maven project follows this structure:



```
└─ vasu.xml
└─ war-ci-cd-tomcat
```

18 directories, 39 files