

Maven Basics

Helper Script

```
cd projects/  
git clone https://github.com/srctips/maven-tools.git  
cd maven-tools/  
ls -l  
chmod +x start.sh  
ls -l  
./start.sh  
cd ..
```

Standard Directory Template

```
pwd  
ll  
./maven-tools/start.sh simple  
mate simple/
```

Adding the Java Source

```
pwd  
cd simple/  
ls  
cd src/main/java/  
mkdir -p training/maven/quick  
cd training/maven/quick  
pwd  
mate HelloWorld.java  
ls -l  
cd ../../../../  
pwd  
cd ../../..  
ls  
clear
```

Project Metadata, Improving the Project POM

```
pwd  
ls -l  
mate pom.xml  
mvn clean package  
cd target/  
ll  
jar -tf simple-example-1.0-SNAPSHOT.jar  
cd ..
```

Build Settings - Changing the Final Name

```
mate pom.xml  
mvn clean package  
cd target/  
ls -l
```

Local Maven Repository

```
pwd
ls -l
mate pom.xml
mvn clean package
cd target/
ls -l
cd ..
mate pom.xml
mvn clear package
cd target/
ls -l
cd ..
mvn clean install
cd target/
ll
cd ~
ls -al
cd .m2/
ls
cd repository/
pwd
ls -l
mate .
cd training/maven/quick/
ls
cd simple-example/
ls
cd 1.1-SNAPSHOT
ls
jar -tf simple-example-1.1-SNAPSHOT.jar
cd
```

Maven Basics Clean Up

```
cd projects/simple
pwd
clear
git status
mvn clear
git add -A
git status
git commit -m "Adding POM changes and Hello World example"
mate .gitignore
git status
git add .gitignore
git commit -m "Adding ignore file"
git log --oneline
```