Beyond the Basics: Dependencies and Plugins

Project Words Setup

```
pwd
cd projects/
ls
./maven-tools/start.sh words
cd words/
pwd
ls -l
mate pom.xml
cd src/main/java/
mkdir -p training/maven/quick
cd training/maven/quick/
mate Application.java
cd ../../../../../..
```

Maven Dependencies

```
pwd
ls -l
mvn package
mate src/main/java/training/maven/quick/Application.java
mate pom.xml
mvn package
```

Update Git

```
mvn clean
clear
git add -A
git status
git commit -m "Added dependency to resolve build failure"
clear
```

Reviewing the Project Target Directory

```
mvn clean install
cd target/
ls
jar -tf word-counter-1.0-SNAPSHOT.jar
ls -l
clear
```

Local Maven Repository

```
cd ~/.m2/repository/
ls -l
cd training/maven/quick/
ls -l
cd word-counter
ll
cd 1.0-SNAPSHOT/
ls
cd ../../..
cd ..
```

```
cd ..
pwd
ls -l
cd org/
ls -l
cd apache/
ls -l
cd commons/
ls -l
cd commons-lang3/
ls -l
cd 3.3.2/
ls -l
pwd
cd ~/.m2/repository/
ls -l
cd
cd projects
clear
```

Dependency Plugin

```
pwd
ls -l
mvn dependency:list
```

Compiler Plugin

```
pwd
java -version
mate pom.xml
mvn clean install
clear
```

Beyond the Basics Clean Up

```
mvn clean
git status
git commit -am "Updating Java Compiler to 1.8 from default of 1.5"
clear
```