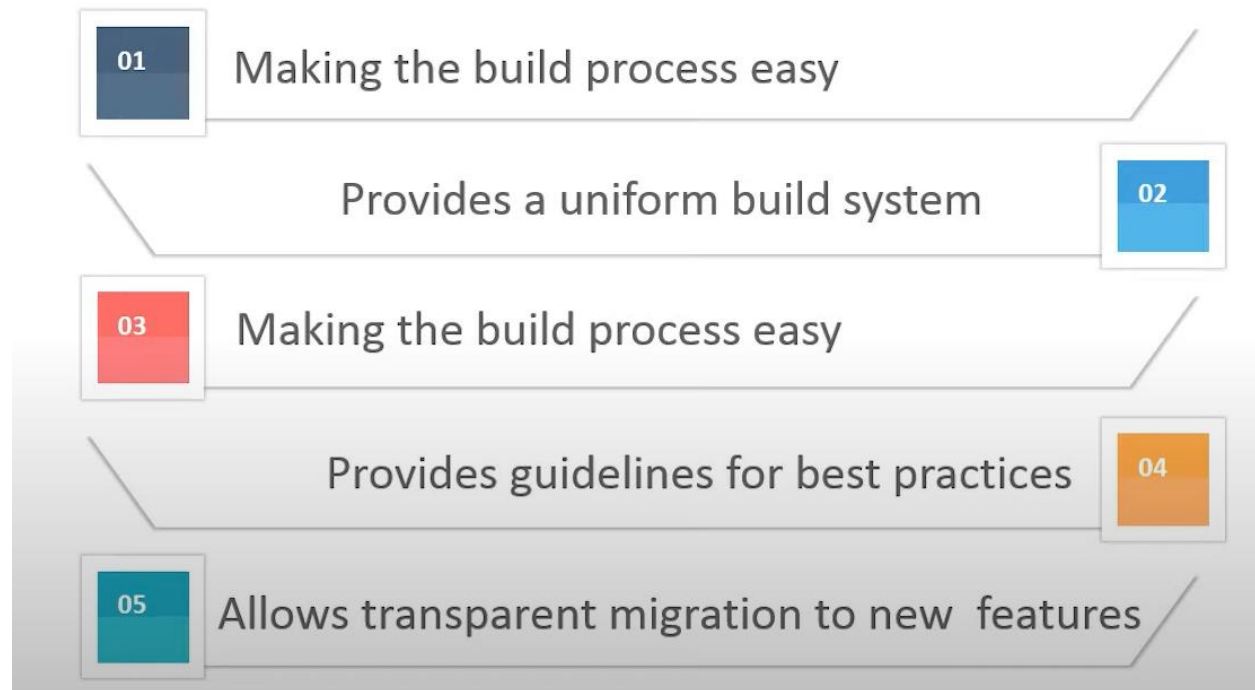
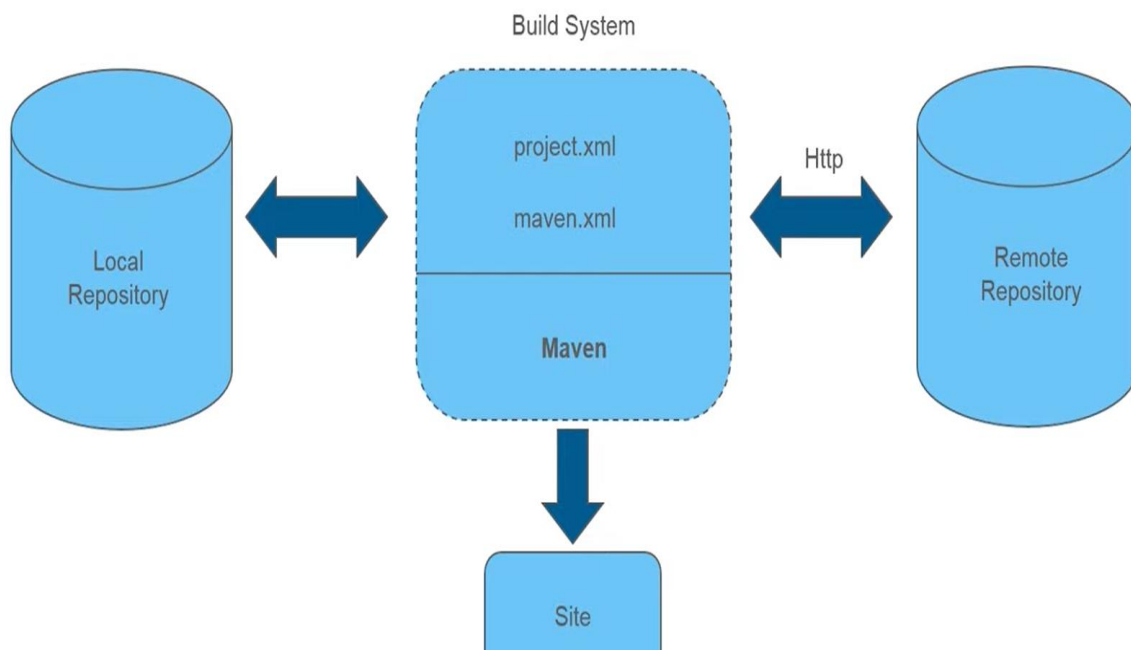


## Maven Advantages



## Maven Architecture

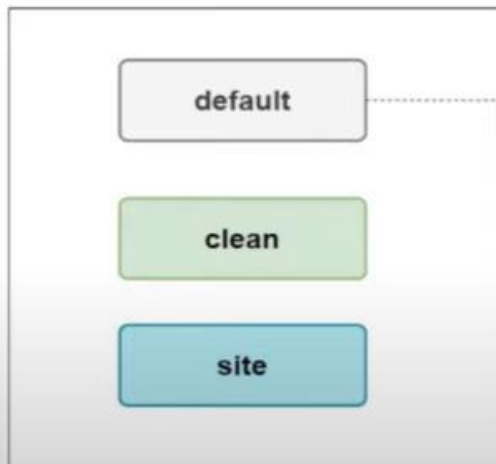


Clean Lifecycle
pre-clean
<b>clean</b>
post-clean

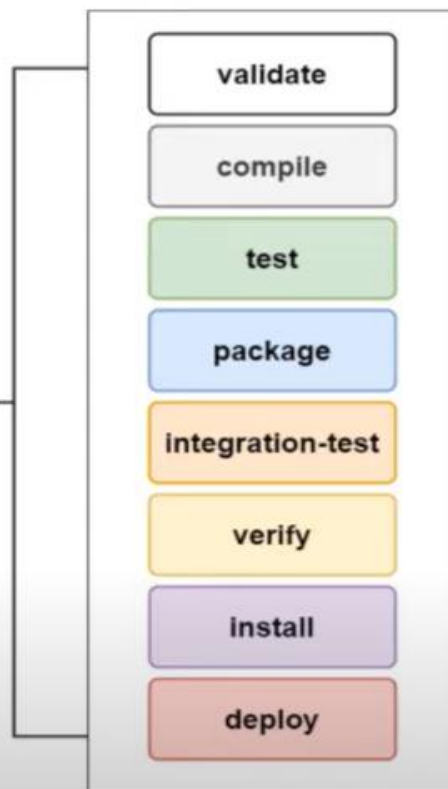
Default Lifecycle	
validate	test-compile
initialize	process-test-classes
generate-sources	test
process-sources	prepare-package
generate-resources	<b>package</b>
process-resources	pre-integration-test
<b>compile</b>	integration-test
process-classes	post-integration-test
generate-test-sources	verify
process-test-sources	<b>install</b>
generate-test-resources	<b>deploy</b>
process-test-resources	

Site Lifecycle
pre-site
<b>site</b>
post-site
site-deploy

## Build Lifecycle

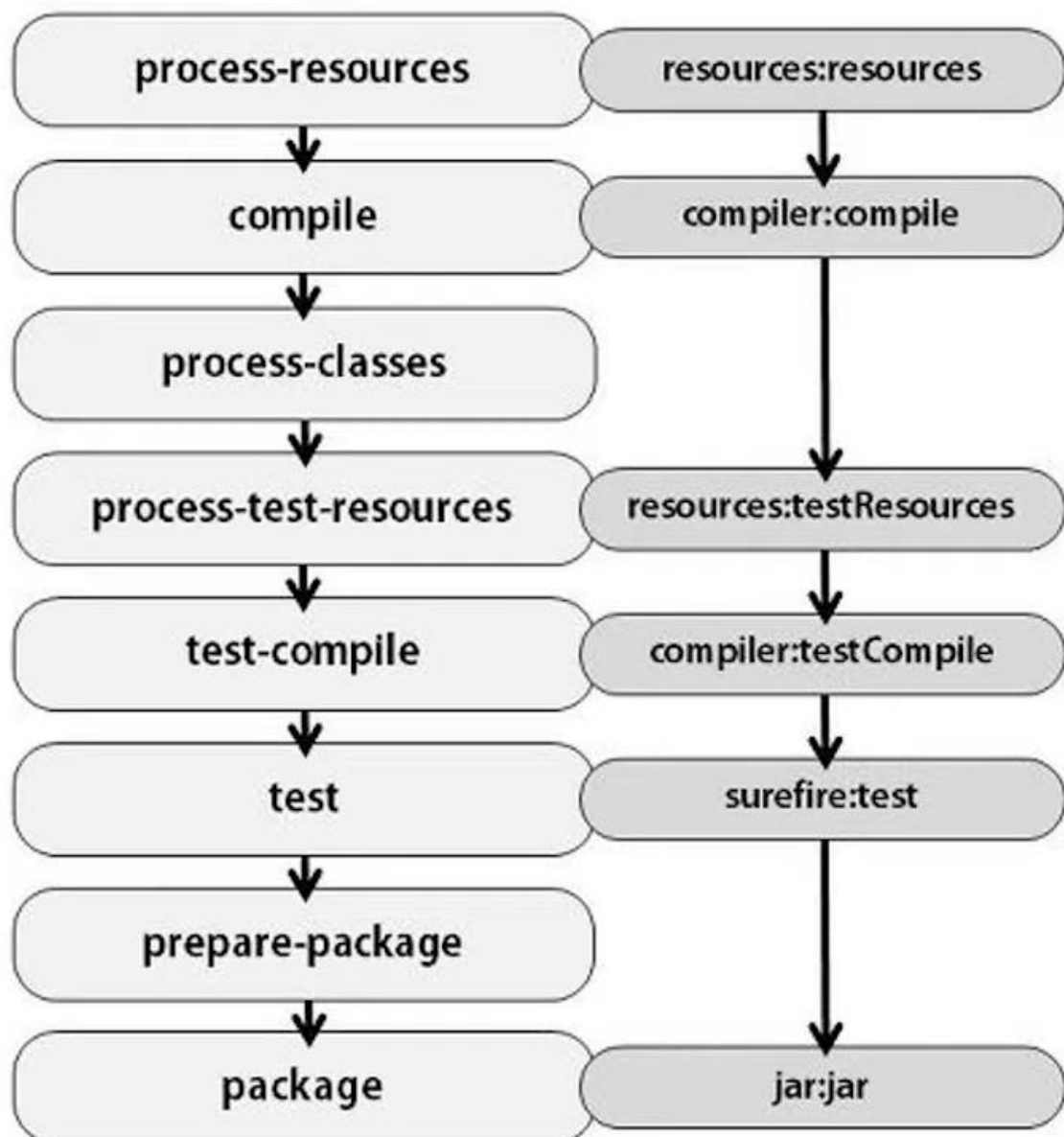


## Lifecycle Phases



## Phases

## Goals



## Maven Plugins

- Plugins enable us to run the lifecycle phases in our Maven Project
- Each Plugin is associated with a GOAL, which is linked to the lifecycle phase
- Plugins can be defined inside `<plugin>` section, under the `<build>` tag

## Maven Compiler Plugin

- Compiles out java files, similar to running `javac <java-class-name>`

```
mvn compiler:compile
```

```
mvn compiler:testCompile
```

```
C:\Windows\System32\cmd.exe
C:\Users\VAPICOB\Documents\Alpha Geek\Yash_World\Maven\Maven Plugins\MavenCompilerPlugin\compilerplugin.project>mvn compiler:compile
[INFO] Scanning for projects...
[INFO]
[INFO] -----< com.yash:compilerplugin.project >-----
[INFO] Building compilerplugin.project 0.0.1-SNAPSHOT
[INFO] -----[ jar ]-----
[INFO]
[INFO] --- maven-compiler-plugin:3.10.1:compile (default-cli) @ compilerplugin.project ---
Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/maven/shared/maven-shared-utils/3.3.4/maven-shared-utils-3.3.4.pom
Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/maven/shared/maven-shared-utils/3.3.4/maven-shared-utils-3.3.4.pom (0 B at 0 B/s)
Downloaded 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 (0 B at 0 B/s)
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
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 (0 B at 0 B/s)
Downloaded 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 (0 B at 0 B/s)
Downloaded 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 (0 B at 0 B/s)
Downloaded from central: https://repo.maven.apache.org/maven2/org/codehaus/plexus/plexus-java/1.1.1/plexus-java-1.1.1.pom
Downloaded from central: https://repo.maven.apache.org/maven2/org/codehaus/plexus/plexus-java/1.1.1/plexus-java-1.1.1.pom (0 B at 0 B/s)
Downloaded from central: https://repo.maven.apache.org/maven2/org/codehaus/plexus/plexus-languages/1.1.1/plexus-languages-1.1.1.pom
Downloaded from central: https://repo.maven.apache.org/maven2/org/codehaus/plexus/plexus-languages/1.1.1/plexus-languages-1.1.1.pom (0 B at 0 B/s)
Downloaded from central: https://repo.maven.apache.org/maven2/org/codehaus/plexus/plexus/8/plexus-8.pom
Downloaded from central: https://repo.maven.apache.org/maven2/org/codehaus/plexus/plexus/8/plexus-8.pom (0 B at 0 B/s)
Downloaded from central: https://repo.maven.apache.org/maven2/org/ow2/asm/asm/9.2/asm-9.2.pom
Downloaded from central: https://repo.maven.apache.org/maven2/org/ow2/asm/asm/9.2/asm-9.2.pom (0 B at 0 B/s)
Downloaded from central: https://repo.maven.apache.org/maven2/com/thoughtworks/qdox/qdox/2.0.1/qdox-2.0.1.pom
Downloaded from central: https://repo.maven.apache.org/maven2/com/thoughtworks/qdox/qdox/2.0.1/qdox-2.0.1.pom (0 B at 0 B/s)
Downloaded from central: https://repo.maven.apache.org/maven2/org/codehaus/plexus/plexus-compiler-api/2.11.1/plexus-compiler-api-2.11.1.pom
Downloaded from central: https://repo.maven.apache.org/maven2/org/codehaus/plexus/plexus-compiler-api/2.11.1/plexus-compiler-api-2.11.1.pom (0 B at 0 B/s)
Downloaded from central: https://repo.maven.apache.org/maven2/org/codehaus/plexus/plexus-compiler/2.11.1/plexus-compiler-2.11.1.pom
Downloaded from central: https://repo.maven.apache.org/maven2/org/codehaus/plexus/plexus-compiler/2.11.1/plexus-compiler-2.11.1.pom (0 B at 0 B/s)
Downloaded from central: https://repo.maven.apache.org/maven2/org/codehaus/plexus/plexus-components/6.6/plexus-components-6.6.pom
Downloaded from central: https://repo.maven.apache.org/maven2/org/codehaus/plexus/plexus-components/6.6/plexus-components-6.6.pom (0 B at 0 B/s)
Downloaded from central: https://repo.maven.apache.org/maven2/org/junit/junit-bom/5.8.2/junit-bom-5.8.2.pom
Downloaded from central: https://repo.maven.apache.org/maven2/org/junit/junit-bom/5.8.2/junit-bom-5.8.2.pom (0 B at 0 B/s)
Downloaded from central: https://repo.maven.apache.org/maven2/org/codehaus/plexus/plexus-utils/3.4.1/plexus-utils-3.4.1.pom
Downloaded from central: https://repo.maven.apache.org/maven2/org/codehaus/plexus/plexus-utils/3.4.1/plexus-utils-3.4.1.pom (0 B at 0 B/s)
Downloaded from central: https://repo.maven.apache.org/maven2/org/codehaus/plexus/plexus-compiler-manager/2.11.1/plexus-compiler-manager-2.11.1.pom
Downloaded from central: https://repo.maven.apache.org/maven2/org/codehaus/plexus/plexus-compiler-manager/2.11.1/plexus-compiler-manager-2.11.1.pom (0 B at 0 B/s)
Downloaded from central: https://repo.maven.apache.org/maven2/org/codehaus/plexus/plexus-compiler-javac/2.11.1/plexus-compiler-javac-2.11.1.pom
Downloaded from central: https://repo.maven.apache.org/maven2/org/codehaus/plexus/plexus-compiler-javac/2.11.1/plexus-compiler-javac-2.11.1.pom (0 B at 0 B/s)
Downloaded from central: https://repo.maven.apache.org/maven2/org/codehaus/plexus/plexus-compilers/2.11.1/plexus-compilers-2.11.1.pom
Downloaded from central: https://repo.maven.apache.org/maven2/org/codehaus/plexus/plexus-compilers/2.11.1/plexus-compilers-2.11.1.pom (0 B at 0 B/s)
Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/maven/shared/maven-shared-utils/3.3.4/maven-shared-utils-3.3.4.jar
Downloaded from central: https://repo.maven.apache.org/maven2/com/thoughtworks/qdox/qdox/2.0.1/qdox-2.0.1.jar
Downloaded from central: https://repo.maven.apache.org/maven2/org/ow2/asm/asm/9.2/asm-9.2.jar
Downloaded from central: https://repo.maven.apache.org/maven2/org/codehaus/plexus/plexus-java/1.1.1/plexus-java-1.1.1.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
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 (0 B at 0 B/s)
Downloaded from central: https://repo.maven.apache.org/maven2/org/codehaus/plexus/plexus-compiler-api/2.11.1/plexus-compiler-api-2.11.1.jar
Downloaded from central: https://repo.maven.apache.org/maven2/org/codehaus/plexus/plexus-compiler-api/2.11.1/plexus-compiler-api-2.11.1.jar (0 B at 0 B/s)
Downloaded from central: https://repo.maven.apache.org/maven2/org/codehaus/plexus/plexus-utils/3.4.1/plexus-utils-3.4.1.jar
Downloaded from central: https://repo.maven.apache.org/maven2/org/codehaus/plexus/plexus-utils/3.4.1/plexus-utils-3.4.1.jar (0 B at 0 B/s)
Downloaded from central: https://repo.maven.apache.org/maven2/org/codehaus/plexus/plexus-compiler-manager/2.11.1/plexus-compiler-manager-2.11.1.jar
Downloaded from central: https://repo.maven.apache.org/maven2/org/codehaus/plexus/plexus-compiler-manager/2.11.1/plexus-compiler-manager-2.11.1.jar (0 B at 0 B/s)
Downloaded from central: https://repo.maven.apache.org/maven2/org/codehaus/plexus/plexus-compiler-javac/2.11.1/plexus-compiler-javac-2.11.1.jar
Downloaded from central: https://repo.maven.apache.org/maven2/org/codehaus/plexus/plexus-compiler-javac/2.11.1/plexus-compiler-javac-2.11.1.jar (0 B at 0 B/s)
Downloaded from central: https://repo.maven.apache.org/maven2/org/codehaus/plexus/plexus-compilers/2.11.1/plexus-compilers-2.11.1.jar
Downloaded from central: https://repo.maven.apache.org/maven2/org/codehaus/plexus/plexus-compilers/2.11.1/plexus-compilers-2.11.1.jar (0 B at 0 B/s)
[INFO] Compiling 1 source file to C:\Users\VAPICOB\Documents\Alpha Geek\Yash_World\Maven\Maven Plugins\MavenCompilerPlugin\compilerplugin.project\target\classes
[INFO]
[INFO] BUILD SUCCESS
```

## Maven Surefire Plugin

Runs Unit Test inside our Project and also generates Test Reports

mvn clean test

```
C:\Windows\system32\cmd.exe
Downloading from central: https://repo.maven.apache.org/maven2/org/ow2/ow2/1.5.1/ow2-1.5.1.pom
Downloaded from central: https://repo.maven.apache.org/maven2/org/ow2/ow2/1.5.1/ow2-1.5.1.pom (11 kB at 27 kB/s)
Downloading from central: https://repo.maven.apache.org/maven2/com/thoughtworks/qdox/qdox/2.0.3/qdox-2.0.3.pom
Downloaded from central: https://repo.maven.apache.org/maven2/com/thoughtworks/qdox/qdox/2.0.3/qdox-2.0.3.pom (17 kB at 38 kB/s)
Downloading from central: https://repo.maven.apache.org/maven2/org/apache/maven/surefire/surefire-common/3.0.0-M8/surefire-common-3.0.0-M8-jar
Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/maven/surefire/surefire-common/3.0.0-M8/surefire-common-3.0.0-M8-jar (307 kB at 242 kB/s)
Downloading from central: https://repo.maven.apache.org/maven2/org/apache/maven/surefire/surefire-extensions-api/3.0.0-M8/surefire-extensions-api-3.0.0-M8-jar
Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/maven/surefire/surefire-extensions-api/3.0.0-M8/surefire-extensions-api-3.0.0-M8-jar (14 kB at 11 kB/s)
Downloading from central: https://repo.maven.apache.org/maven2/org/apache/maven/surefire/surefire-extensions-spi/3.0.0-M8/surefire-extensions-spi-3.0.0-M8-jar
Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/maven/surefire/surefire-extensions-spi/3.0.0-M8/surefire-extensions-spi-3.0.0-M8-jar (8.2 kB at 4.9 kB/s)
Downloading from central: https://repo.maven.apache.org/maven2/org/apache/maven/shared/maven-common-artifact-filters/3.1.1/maven-common-artifact-filters-3.1.1-jar
Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/maven/shared/maven-common-artifact-filters/3.1.1/maven-common-artifact-filters-3.1.1-jar (61 kB at 32 kB/s)
Downloading from central: https://repo.maven.apache.org/maven2/org/apache/maven/surefire/surefire-shared-utils/3.0.0-M8/surefire-shared-utils-3.0.0-M8-jar
Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/maven/surefire/surefire-shared-utils/3.0.0-M8/surefire-shared-utils-3.0.0-M8-jar (2.1 MB at 429 kB/s)
[INFO] Using auto detected provider org.apache.maven.surefire.junit3.JUnit3Provider
Downloading from central: https://repo.maven.apache.org/maven2/org/apache/maven/surefire/surefire-junit3/3.0.0-M8/surefire-junit3-3.0.0-M8-jar
Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/maven/surefire/surefire-junit3/3.0.0-M8/surefire-junit3-3.0.0-M8-jar (24 kB at 17 kB/s)
Downloading from central: https://repo.maven.apache.org/maven2/org/apache/maven/surefire/surefire-junit3/3.0.0-M8/surefire-junit3-3.0.0-M8-pom
Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/maven/surefire/surefire-junit3/3.0.0-M8/surefire-junit3-3.0.0-M8-pom (3.0 kB at 7.2 kB/s)
Downloading from central: https://repo.maven.apache.org/maven2/org/apache/maven/surefire/surefire-providers/3.0.0-M8/surefire-providers-3.0.0-M8-pom
Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/maven/surefire/surefire-providers/3.0.0-M8/surefire-providers-3.0.0-M8-pom (2.5 kB at 5.3 kB/s)
Downloading from central: https://repo.maven.apache.org/maven2/org/apache/maven/surefire/common-junit3/3.0.0-M8/common-junit3-3.0.0-M8-pom
Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/maven/surefire/common-junit3/3.0.0-M8/common-junit3-3.0.0-M8-pom (2.7 kB at 6.2 kB/s)
Downloading from central: https://repo.maven.apache.org/maven2/org/apache/maven/surefire/common-junit3/3.0.0-M8/common-junit3-3.0.0-M8-jar
Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/maven/surefire/common-junit3/3.0.0-M8/common-junit3-3.0.0-M8-jar (12 kB at 27 kB/s)
[INFO]
[INFO] -----
[INFO] T E S T S
[INFO]
[INFO] Running com.yash.surefireplugin.project.AppTest
[INFO] Tests run: 1, Failures: 0, Errors: 0, Skipped: 0, Time elapsed: 0.016 s - in com.yash.surefireplugin.project.AppTest
[INFO]
[INFO] Results:
[INFO]
[INFO] Tests run: 1, Failures: 0, Errors: 0, Skipped: 0
[INFO]
[INFO] -----
[INFO] BUILD SUCCESS
```

## Maven Install Plugin

Packages source code into an artifact and installs it into the **Local Repository**

mvn clean install

```
C:\Windows\System32\cmd.exe - mvn clean install
install
[INFO] Scanning for projects...
[INFO]
[INFO] -----< com.yash:installplugin.project >-----
[INFO] Building installplugin.project 0.0.1-SNAPSHOT
[INFO] -----[ jar ]-----
Downloading from central: https://repo.maven.apache.org/maven2/org/apache/maven/plugins/maven-install-plugin/3.1.0/maven-install-plugin-3.1.0.pom
Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/maven/plugins/maven-install-plugin/3.1.0/maven-install-plugin-3.1.0.pom (7.8 kB at 4.8 kB/s)
Downloading from central: https://repo.maven.apache.org/maven2/org/apache/maven/plugins/maven-plugins/37/maven-plugins-37.pom
Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/maven/plugins/maven-plugins/37/maven-plugins-37.pom (0 B at 0 B/s)
Downloading from central: https://repo.maven.apache.org/maven2/org/apache/maven/maven-parent/37/maven-parent-37.pom
Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/maven/maven-parent/37/maven-parent-37.pom (0 B at 0 B/s)
Downloading from central: https://repo.maven.apache.org/maven2/org/apache/apache/27/apache-27.pom
Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/apache/27/apache-27.pom (0 B at 0 B/s)
Downloading from central: https://repo.maven.apache.org/maven2/org/apache/maven/plugins/maven-install-plugin/3.1.0/maven-install-plugin-3.1.0.jar
Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/maven/plugins/maven-install-plugin/3.1.0/maven-install-plugin-3.1.0.jar (0 B at 0 B/s)
[INFO]
[INFO] --- maven-clean-plugin:2.5:clean (default-clean) @ installplugin.project ---
[INFO] Deleting C:\Users\YAP1COB\Documents\Alpha Geek\Yash World\Maven\Maven Plugins\MavenInstallPlugin\installplugin.pr
ject\target
[INFO]
[INFO] --- maven-resources-plugin:2.6:resources (default-resources) @ installplugin.project ---
```



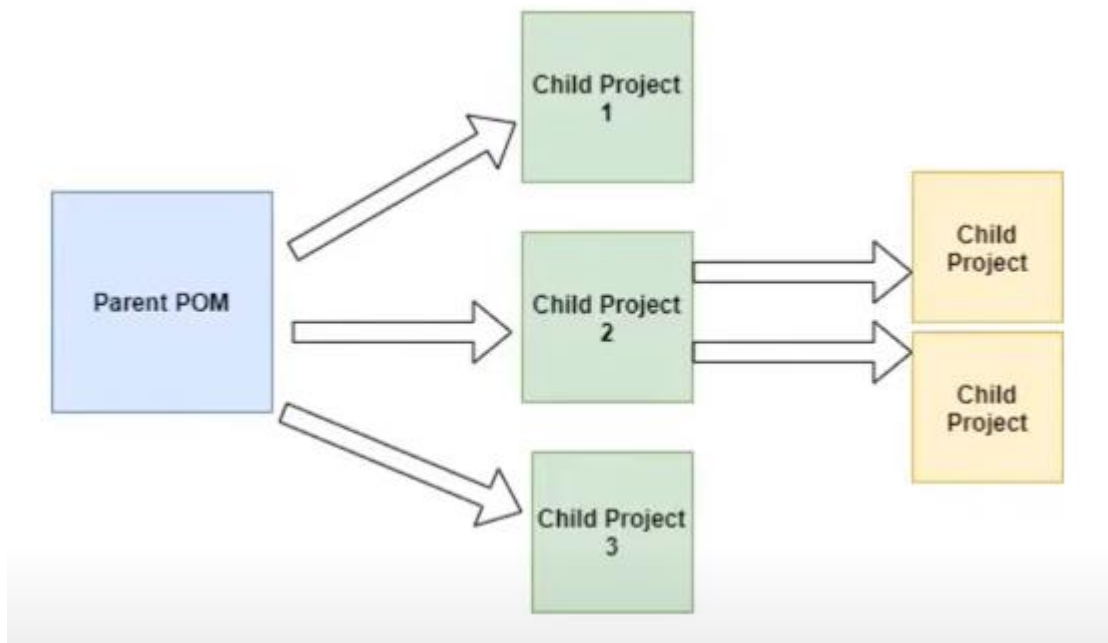
## Maven Deploy Plugin

Deploys the created Artifact into the **Remote Repository**

`mvn clean deploy`

## Maven Multi-Module Project

We have a parent project (parent POM) that contains different sub-projects (sub-modules), each of which is again a normal Maven Project.



The parent POM usually encapsulates the other child's and that's why it is packaged as a POM instead of the usual packaging format of JAR.

```
C:\Windows\System32\cmd.exe
Microsoft Windows [Version 10.0.19044.2486]
(c) Microsoft Corporation. All rights reserved.

C:\Users\YAPICOB\Documents\Alpha Geek\Yash_World\Maven\MultiModuleProject\parentproject>mvn clean install
[INFO] Scanning for projects...
[INFO] Reactor Build Order:
[INFO] parentproject [pom]
[INFO] childproject1 [jar]
[INFO] -----< com.yash:parentproject >-----
[INFO] Building parentproject 0.0.1-SNAPSHOT [1/2]
[INFO] -----[ pom ]-----
[INFO] --- maven-clean-plugin:2.5:clean (default-clean) @ parentproject ---
[INFO] Deleting C:\Users\YAPICOB\Documents\Alpha Geek\Yash_World\Maven\MultiModuleProject\parentproject\target
[INFO] --- maven-install-plugin:2.4:install (default-install) @ parentproject ---
[INFO] Installing C:\Users\YAPICOB\Documents\Alpha Geek\Yash_World\Maven\MultiModuleProject\parentproject\pom.xml to C:\Users\YAPICOB\.m2\repository\com\yash\parentproject\0.0.1-SNAPSHOT\parentproject-0.0.1-SNAPSHOT.pom
[INFO] -----< com.yash:childproject1 >-----
[INFO] Building childproject1 0.0.1-SNAPSHOT [2/2]
[INFO] -----[ jar ]-----
[INFO] --- maven-clean-plugin:2.5:clean (default-clean) @ childproject1 ---
[INFO] Deleting C:\Users\YAPICOB\Documents\Alpha Geek\Yash_World\Maven\MultiModuleProject\parentproject\childproject1\target
[INFO]
```

Profiles can be used in Maven to create customized build configurations. This means customizing the behavior of our builds based on specific conditions.

```
C:\Windows\System32\cmd.exe
[INFO] --- maven-compiler-plugin:3.8.1:compile (default-compile) @ childproject1 ---
[INFO] Changes detected - recompiling the module!
[INFO] Compiling 1 source file to C:\Users\YAPICOB\Documents\Alpha Geek\Yash_World\Maven\MultiModuleProject\parentproject\childproject1\target\classes
[INFO] --- maven-resources-plugin:2.6:testResources (default-testResources) @ childproject1 ---
[INFO] Not copying test resources
[INFO] --- maven-compiler-plugin:3.8.1:testCompile (default-testCompile) @ childproject1 ---
[INFO] Not compiling test sources
[INFO] --- maven-surefire-plugin:2.22.2:test (default-test) @ childproject1 ---
[INFO] 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
[INFO] Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/maven/surefire/maven-surefire-common-2.22.2.pom (11 kB at 5.2 kB/s)
[INFO] 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
[INFO] 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 3.9 kB/s)
[INFO] 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
[INFO] 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 (15 kB at 37 kB/s)
[INFO] Downloading from central: https://repo.maven.apache.org/maven2/org/apache/maven/maven-parent/31/maven-parent-31.pom
[INFO] Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/maven/maven-parent/31/maven-parent-31.pom (0 B at 0 B/s)
[INFO] Downloading from central: https://repo.maven.apache.org/maven2/org/apache/maven/surefire/surefire-api/2.22.2/surefire-api-2.22.2.pom
[INFO] 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 8.9 kB/s)
[INFO] 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
[INFO] 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 4.9 kB/s)
[INFO] Downloading from central: https://repo.maven.apache.org/maven2/org/apache/maven/surefire/surefire-booter/2.22.2/surefire-booter-2.22.2.pom
[INFO] 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 17 kB/s)
[INFO] Downloading from central: https://repo.maven.apache.org/maven2/com/thoughtworks/qdox/qdox/2.0-M8/qdox-2.0-M8.pom
[INFO] Downloaded from central: https://repo.maven.apache.org/maven2/com/thoughtworks/qdox/qdox/2.0-M8/qdox-2.0-M8.pom (16 kB at 40 kB/s)
[INFO] 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
[INFO] 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 486 kB/s)
[INFO] Downloading from central: https://repo.maven.apache.org/maven2/org/apache/maven/surefire/surefire-booter/2.22.2/surefire-booter-2.22.2.jar
[INFO] Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/maven/surefire/surefire-booter/2.22.2/surefire-booter-2.22.2.jar (13 kB at 9.9 kB/s)
[INFO] Downloading from central: https://repo.maven.apache.org/maven2/org/apache/maven/surefire/surefire-api/2.22.2/surefire-api-2.22.2.jar
[INFO] Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/maven/surefire/surefire-api/2.22.2/surefire-api-2.22.2.jar (14 kB at 10 kB/s)
[INFO] 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
[INFO] 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 (186 kB at 98 kB/s)
[INFO] Downloading from central: https://repo.maven.apache.org/maven2/org/apache/maven/surefire/surefire-booter/2.22.2/surefire-booter-2.22.2.jar
[INFO] 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 131 kB/s)
[INFO] Tests are skipped.
[INFO] --- maven-jar-plugin:2.4:jar (default-jar) @ childproject1 ---
[INFO] Building jar: C:\Users\YAPICOB\Documents\Alpha Geek\Yash_World\Maven\MultiModuleProject\parentproject\childproject1\target\childproject1-0.0.1-SNAPSHOT.jar
[INFO] --- maven-install-plugin:2.5:install (default-install) @ childproject1 ---
[INFO] Installing C:\Users\YAPICOB\Documents\Alpha Geek\Yash_World\Maven\MultiModuleProject\parentproject\childproject1\target\childproject1-0.0.1-SNAPSHOT.jar to C:\Users\YAPICOB\m2\repository\com\yash\childproject1-0.0.1-SNAPSHOT.jar
[INFO] Installing C:\Users\YAPICOB\Documents\Alpha Geek\Yash_World\Maven\MultiModuleProject\parentproject\childproject1\pom.xml to C:\Users\YAPICOB\m2\repository\com\yash\childproject1\0.0.1-SNAPSHOT\childproject1-0.0.1-SNAPSHOT.pom
[INFO] Reactor Summary for parentproject 0.0.1-SNAPSHOT:
[INFO] parentproject ..... SUCCESS [ 0.430 s]
[INFO] childproject1 ..... SUCCESS [ 9.561 s]
[INFO] BUILD SUCCESS
[INFO] Total time: 10.236 s
[INFO] Finished at: 2023-01-29T16:45:33+05:30
[INFO]
C:\Users\YAPICOB\Documents\Alpha Geek\Yash_World\Maven\MultiModuleProject\parentproject
```