

```
sudeep@sudeep-VirtualBox: ~/sudeep/mavenProjects
[INFO] -----[ pom ]-----
[INFO]
[INFO] >>> maven-archetype-plugin:3.3.1:generate (default-cli) > generate-sources @ standalone-pom >>>
[INFO]
[INFO] <<< maven-archetype-plugin:3.3.1:generate (default-cli) < generate-sources @ standalone-pom <<<
[INFO]
[INFO]
[INFO] --- maven-archetype-plugin:3.3.1:generate (default-cli) @ standalone-pom ---
[INFO] Generating project in Batch mode
Downloading from central: https://repo.maven.apache.org/maven2/archetype-catalog.xml
Downloaded from central: https://repo.maven.apache.org/maven2/archetype-catalog.xml (17 MB at 970 kB/s)
[INFO] -----
[INFO] Using following parameters for creating project from Old (1.x) Archetype: maven-archetype-quickstart:1.0
[INFO] -----
[INFO] Parameter: basedir, Value: /home/sudeep/sudeep/mavenProjects
[INFO] Parameter: package, Value: com.example
[INFO] Parameter: groupId, Value: com.example
[INFO] Parameter: artifactId, Value: myapp
[INFO] Parameter: packageName, Value: com.example
[INFO] Parameter: version, Value: 1.0-SNAPSHOT
[INFO] project created from Old (1.x) Archetype in dir: /home/sudeep/sudeep/mavenProjects/myapp
[INFO] -----
[INFO] BUILD SUCCESS
[INFO] -----
[INFO] Total time: 21.546 s
[INFO] Finished at: 2025-03-28T00:23:12+05:30
[INFO] -----
sudeep@sudeep-VirtualBox:~/sudeep/mavenProjects$
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sudeep@sudeep-VirtualBox: ~/sudeep/mavenProjects/myapp
lexus-compiler-api-2.8.4.jar
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 4.1 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/codehaus/plexus/plexus-interpolation/1.14/plexus-interpolation-1.14.jar (61 kB at 9.3 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.jar
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 25 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 48 kB/s)
Downloaded from central: https://repo.maven.apache.org/maven2/commons-io/commons-io/2.5/commons-io-2.5.jar (209 kB at 30 kB/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 650 B/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 2.7 kB/s)
[INFO] Changes detected - recompiling the module!
[WARNING] File encoding has not been set, using platform encoding UTF-8, i.e. build is platform dependent!
[INFO] Compiling 1 source file to /home/sudeep/sudeep/mavenProjects/myapp/target/classes
[INFO] -----
[INFO] BUILD SUCCESS
[INFO] -----
[INFO] Total time: 01:01 min
[INFO] Finished at: 2025-03-28T00:32:30+05:30
[INFO] -----
sudeep@sudeep-VirtualBox:~/sudeep/mavenProjects/myapp$
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```
Processing triggers for man-db (2.12.0-4build2) ...
Processing triggers for desktop-file-utils (0.27-2build1) ...
Processing triggers for hicolor-icon-theme (0.17-2) ...
sudeep@sudeep-VirtualBox:~/sudeep/helloGradle$ gradle init --type java-application
openjdk version "21.0.6" 2025-01-21
OpenJDK Runtime Environment (build 21.0.6+7-Ubuntu-124.04.1)
OpenJDK 64-Bit Server VM (build 21.0.6+7-Ubuntu-124.04.1, mixed mode, sharing)
Starting a Gradle Daemon (subsequent builds will be faster)

BUILD SUCCESSFUL in 8s
2 actionable tasks: 2 executed
sudeep@sudeep-VirtualBox:~/sudeep/helloGradle$ gradle hello
openjdk version "21.0.6" 2025-01-21
OpenJDK Runtime Environment (build 21.0.6+7-Ubuntu-124.04.1)
OpenJDK 64-Bit Server VM (build 21.0.6+7-Ubuntu-124.04.1, mixed mode, sharing)

> Task :hello
hello gradle

BUILD SUCCESSFUL in 4s
1 actionable task: 1 executed
sudeep@sudeep-VirtualBox:~/sudeep/helloGradle$
```

```
sudeep@sudeep-VirtualBox: ~/sudeep/mavenProjects/myapp
[INFO] --- maven-resources-plugin:2.6:testResources (default-testResources) @ MyMavenApp ---
[WARNING] Using platform encoding (UTF-8 actually) to copy filtered resources, i.e. build is platform dependent!
[INFO] skip non existing resourceDirectory /home/sudeep/sudeep/mavenProjects/myapp/src/test/resources
[INFO] --- maven-compiler-plugin:3.8.1:testCompile (default-testCompile) @ MyMavenApp ---
[INFO] Changes detected - recompiling the module!
[WARNING] File encoding has not been set, using platform encoding UTF-8, i.e. build is platform dependent!
[INFO] Compiling 1 source file to /home/sudeep/sudeep/mavenProjects/myapp/target/test-classes
[INFO] --- maven-surefire-plugin:2.22.2:test (default-test) @ MyMavenApp ---
[INFO] -----
[INFO] T E S T S
[INFO] -----
[INFO] Running com.example.AppTest
[INFO] Tests run: 1, Failures: 0, Errors: 0, Skipped: 0, Time elapsed: 0.083 s - in com.example.AppTest
[INFO] Results:
[INFO] Tests run: 1, Failures: 0, Errors: 0, Skipped: 0
[INFO] -----
[INFO] BUILD SUCCESS
[INFO] -----
[INFO] Total time: 4.426 s
[INFO] Finished at: 2025-03-28T00:34:43+05:30
[INFO] -----
sudeep@sudeep-VirtualBox:~/sudeep/mavenProjects/myapp$
```

```
sudeep@sudeep-VirtualBox: ~/sudeep/mavenProjects/myapp
[INFO] Running com.example.AppTest
[INFO] Tests run: 1, Failures: 0, Errors: 0, Skipped: 0, Time elapsed: 0.083 s - in com.example.AppTest
[INFO] Results:
[INFO] Tests run: 1, Failures: 0, Errors: 0, Skipped: 0
[INFO] -----
[INFO] BUILD SUCCESS
[INFO] -----
[INFO] Total time: 4.426 s
[INFO] Finished at: 2025-03-28T00:34:43+05:30
[INFO] -----
sudeep@sudeep-VirtualBox:~/sudeep/mavenProjects/myapp$ mvn clean
[INFO] Scanning for projects...
[INFO] -----< com.example:MyMavenApp >-----
[INFO] Building MyMavenApp 1.0-SNAPSHOT
[INFO] -----[ jar ]-----
[INFO] --- maven-clean-plugin:2.5:clean (default-clean) @ MyMavenApp ---
[INFO] Deleting /home/sudeep/sudeep/mavenProjects/myapp/target
[INFO] BUILD SUCCESS
[INFO] -----
[INFO] Total time: 0.510 s
[INFO] Finished at: 2025-03-28T00:36:00+05:30
[INFO] -----
sudeep@sudeep-VirtualBox:~/sudeep/mavenProjects/myapp$
```

```
BUILD SUCCESSFUL in 4s
1 actionable task: 1 executed
sudeep@sudeep-VirtualBox:~/sudeep/helloGradle$ gradle build
openjdk version "21.0.6" 2025-01-21
OpenJDK Runtime Environment (build 21.0.6+7-Ubuntu-124.04.1)
OpenJDK 64-Bit Server VM (build 21.0.6+7-Ubuntu-124.04.1, mixed mode, sharing)
Download https://jcenter.bintray.com/com/google/guava/guava/23.0/guava-23.0.pom
Download https://jcenter.bintray.com/com/google/guava/guava-parent/23.0/guava-parent-23.0.pom
Download https://jcenter.bintray.com/org/sonatype/oss/oss-parent/7/oss-parent-7.pom
Download https://jcenter.bintray.com/com/google/code/findbugs/jsr305/1.3.9/jsr305-1.3.9.pom
Download https://jcenter.bintray.com/com/google/j2objc/j2objc-annotations/1.1/j2objc-annotations-1.1.pom
Download https://jcenter.bintray.com/org/codehaus/mojo/animal-sniffer-annotations/1.14/animal-sniffer-annotations-1.14.pom
Download https://jcenter.bintray.com/org/codehaus/mojo/animal-sniffer-parent/1.14/animal-sniffer-parent-1.14.pom
Download https://jcenter.bintray.com/org/codehaus/mojo/mojo-parent/34/mojo-parent-34.pom
Download https://jcenter.bintray.com/org/codehaus/codehaus-parent/4/codehaus-parent-4.pom
Download https://jcenter.bintray.com/com/google/errorprone/error_prone_annotations/2.0.18/error_prone_annotations-2.0.18.pom
Download https://jcenter.bintray.com/com/google/errorprone/error_prone_parent/2.0.18/error_prone_parent-2.0.18.pom
Download https://jcenter.bintray.com/com/google/guava/guava/23.0/guava-23.0.jar
Download https://jcenter.bintray.com/com/google/errorprone/error_prone_annotations/2.0.18/error_prone_annotations-2.0.18.jar
Download https://jcenter.bintray.com/com/google/j2objc/j2objc-annotations/1.1/j2objc-annotations-1.1.jar
Download https://jcenter.bintray.com/org/codehaus/mojo/animal-sniffer-annotations/1.14/animal-sniffer-annotations-1.14.jar
Download https://jcenter.bintray.com/com/google/code/findbugs/jsr305/1.3.9/jsr305-1.3.9.jar

BUILD SUCCESSFUL in 41s
7 actionable tasks: 7 executed
```

```
BUILD SUCCESSFUL in 41s
7 actionable tasks: 7 executed
sudeep@sudeep-VirtualBox:~/sudeep/helloGradle$ gradle run
openjdk version "21.0.6" 2025-01-21
OpenJDK Runtime Environment (build 21.0.6+7-Ubuntu-124.04.1)
OpenJDK 64-Bit Server VM (build 21.0.6+7-Ubuntu-124.04.1, mixed mode, sharing)
```

```
> Task :run
Hello world.
```

```
BUILD SUCCESSFUL in 1s
2 actionable tasks: 1 executed, 1 up-to-date
sudeep@sudeep-VirtualBox:~/sudeep/helloGradle$ gradle test
openjdk version "21.0.6" 2025-01-21
OpenJDK Runtime Environment (build 21.0.6+7-Ubuntu-124.04.1)
OpenJDK 64-Bit Server VM (build 21.0.6+7-Ubuntu-124.04.1, mixed mode, sharing)
```

```
BUILD SUCCESSFUL in 1s
3 actionable tasks: 3 up-to-date
sudeep@sudeep-VirtualBox:~/sudeep/helloGradle$
```