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COURSE ID: 20TS3103AA

COURSE NAME: JAVA FULL STACK DEVELOPMENT + MICROSERVICES

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- Implement a Maven Java Basic Project [Java SE] using maven-archetype-quickstart in interactive mode through command prompt.

```
C:\Windows\System32\cmd.exe - mvn archetype:generate
Microsoft Windows [Version 10.0.22000.795]
(c) Microsoft Corporation. All rights reserved.

D:\3-1\Maven_Projects>mvn archetype:generate
[INFO] Scanning for projects...
[INFO] -----< org.apache.maven:standalone-pom >-----
[INFO] Building Maven Stub Project (No POM) 1
[INFO] -----[ pom ]-----
[INFO] >>> mvn-archetype-plugin:3.2.1:generate (default-cli) > generate-sources @ standalone-pom >>>
[INFO] <<< mvn-archetype-plugin:3.2.1:generate (default-cli) < generate-sources @ standalone-pom <<<
[INFO] --- mvn-archetype-plugin:3.2.1:generate (default-cli) @ standalone-pom ---
[INFO] Generating project in Interactive mode
```

```
C:\Windows\System32\cmd.exe
3122: remote -> us.fatehl:schemacrawler-archetype-plugin-dbconnector (-)
3123: remote -> us.fatehl:schemacrawler-archetype-plugin-lint (-)
3124: remote -> ws.osiris:osiris-archetype (Maven Archetype for Osiris)
3125: remote -> xyz.luan.generator:xyz-gae-generator (-)
3126: remote -> xyz.luan.generator:xyz-generator (-)
3127: remote -> za.co.absa.hyperdrive:component-archetype (-)
3128: remote -> za.co.absa.hyperdrive:component-archetype_2.11 (-)
3129: remote -> za.co.absa.hyperdrive:component-archetype_2.12 (-)
Choose a number or apply filter (format: [groupId:artifactId, case sensitive contains]: 1937: 1937
Choose org.apache.maven.archetypes:maven-archetype-quickstart version:
1: 1.0-alpha-1
2: 1.0-alpha-2
3: 1.0-alpha-3
4: 1.0-alpha-4
5: 1.0
6: 1.1
7: 1.3
8: 1.4
Choose a number: 8: 8
Define value for property 'groupId': com.klef.jfsd
Define value for property 'artifactId': samplemavenproject
Define value for property 'version': 1.0-SNAPSHOT: :
Define value for property 'package': com.klef.jfsd: :
Confirm properties configuration:
groupId: com.klef.jfsd
artifactId: samplemavenproject
version: 1.0-SNAPSHOT
package: com.klef.jfsd
Y: : Y
[INFO] -----
[INFO] Using following parameters for creating project from Archetype: maven-archetype-quickstart:1.4
[INFO] -----
[INFO] Parameter: groupId, Value: com.klef.jfsd
[INFO] Parameter: artifactId, Value: samplemavenproject
[INFO] Parameter: version, Value: 1.0-SNAPSHOT
[INFO] Parameter: package, Value: com.klef.jfsd
[INFO] Parameter: packageInPathFormat, Value: com/klef/jfsd
[INFO] Parameter: package, Value: com.klef.jfsd
[INFO] Parameter: groupId, Value: com.klef.jfsd
[INFO] Parameter: artifactId, Value: samplemavenproject
[INFO] Parameter: version, Value: 1.0-SNAPSHOT
[INFO] Project created from Archetype in dir: D:\3-1\Maven_Projects\samplemavenproject
[INFO] -----
[INFO] BUILD SUCCESS
[INFO] -----
[INFO] Total time: 01:54 min
[INFO] Finished at: 2022-08-14T14:49:00+05:30
[INFO] -----
'cmd' is not recognized as an internal or external command,
operable program or batch file.

D:\3-1\Maven_Projects>
```

```
C:\Windows\System32\cmd.exe
D:\3-1\Maven_Projects\samplemavenproject>mvn install
[INFO] Scanning for projects...
[INFO]
[INFO] -----< com.klef.jfsd:samplemavenproject >-----
[INFO] Building samplemavenproject 1.0-SNAPSHOT
[INFO]
[INFO] -----[ jar ]-----
[INFO]
[INFO] --- maven-resources-plugin:3.0.2:resources (default-resources) @ samplemavenproject ---
[INFO] Using 'UTF-8' encoding to copy filtered resources.
[INFO] skip non existing resourceDirectory D:\3-1\Maven_Projects\samplemavenproject\src\main\resources
[INFO]
[INFO] --- maven-compiler-plugin:3.8.0:compile (default-compile) @ samplemavenproject ---
[INFO] Changes detected - recompiling the module!
[INFO] Compiling 1 source file to D:\3-1\Maven_Projects\samplemavenproject\target\classes
[INFO]
[INFO] --- maven-resources-plugin:3.0.2:testResources (default-testResources) @ samplemavenproject ---
[INFO] Using 'UTF-8' encoding to copy filtered resources.
[INFO] skip non existing resourceDirectory D:\3-1\Maven_Projects\samplemavenproject\src\test\resources
[INFO]
[INFO] --- maven-compiler-plugin:3.8.0:testCompile (default-testCompile) @ samplemavenproject ---
[INFO] Changes detected - recompiling the module!
[INFO] Compiling 1 source file to D:\3-1\Maven_Projects\samplemavenproject\target\test-classes
[INFO]
[INFO] --- maven-surefire-plugin:2.22.1:test (default-test) @ samplemavenproject ---
[INFO]
[INFO] -----
[INFO] T E S T S
[INFO] -----
[INFO] Running com.klef.jfsd.AppTest
[INFO] Tests run: 1, Failures: 0, Errors: 0, Skipped: 0, Time elapsed: 0.015 s - in com.klef.jfsd.AppTest
[INFO]
[INFO] Results:
[INFO]
[INFO] Tests run: 1, Failures: 0, Errors: 0, Skipped: 0
[INFO]
[INFO]
[INFO] --- maven-jar-plugin:3.0.2:jar (default-jar) @ samplemavenproject ---
[INFO] Building jar: D:\3-1\Maven_Projects\samplemavenproject\target\samplemavenproject-1.0-SNAPSHOT.jar
[INFO]
[INFO] --- maven-install-plugin:2.5.2:install (default-install) @ samplemavenproject ---
[INFO] Installing D:\3-1\Maven_Projects\samplemavenproject\target\samplemavenproject-1.0-SNAPSHOT.jar to C:\Users\suprith's-omen\.m2\repository\com\klef\jfsd\samplemavenproject\1.0-SNAPSHOT\samplemavenproject-1.0-SNAPSHOT.jar
[INFO] Installing D:\3-1\Maven_Projects\samplemavenproject\pom.xml to C:\Users\suprith's-omen\.m2\repository\com\klef\jfsd\samplemavenproject\1.0-SNAPSHOT\samplemavenproject-1.0-SNAPSHOT.pom
[INFO] -----
[INFO] BUILD SUCCESS
[INFO] -----
[INFO] Total time: 5.128 s
[INFO] Finished at: 2022-08-14T14:50:14+05:30
[INFO] -----
'cmd' is not recognized as an internal or external command,
operable program or batch file.

C:\Windows\System32\cmd.exe
[INFO] Total time: 5.128 s
[INFO] Finished at: 2022-08-14T14:50:14+05:30
[INFO] -----
'cmd' is not recognized as an internal or external command,
operable program or batch file.

D:\3-1\Maven_Projects\samplemavenproject>java -classpath target\samplemavenproject-1.0-SNAPSHOT.jar com.klef.jfsd.App
Hello World!

D:\3-1\Maven_Projects\samplemavenproject>
```

- Implement a Maven Java Basic Project [Java SE] using maven-archetype-quickstart in batch mode through command prompt.

```

C:\Windows\System32\cmd.exe
D:\3-1\Waven_Projects>mvn archetype:generate -DgroupId=com.klef.jfsd -DartifactId=samplejavaproject -DarchetypeArtifactId=maven-archetype-quickstart -DinteractiveMode=false
[INFO] Scanning for projects...
[INFO] -----< org.apache.maven:standalone-pom >-----
[INFO] Building Maven Stub Project (No POM) 1
[INFO] -----[ pom ]-----
[INFO]
[INFO] >>> maven-archetype-plugin:3.2.1:generate (default-cli) > generate-sources @ standalone-pom >>>
[INFO]
[INFO] <<< maven-archetype-plugin:3.2.1:generate (default-cli) < generate-sources @ standalone-pom <<<
[INFO]
[INFO] --- maven-archetype-plugin:3.2.1:generate (default-cli) @ standalone-pom ---
[INFO] Generating project in Batch mode
[INFO] -----
[INFO] Using following parameters for creating project from Old (1.x) Archetype: maven-archetype-quickstart:1.0
[INFO] -----
[INFO] Parameter: basedir, Value: D:\3-1\Waven_Projects
[INFO] Parameter: package, Value: com.klef.jfsd
[INFO] Parameter: groupId, Value: com.klef.jfsd
[INFO] Parameter: artifactId, Value: samplejavaproject
[INFO] Parameter: packageName, Value: com.klef.jfsd
[INFO] Parameter: version, Value: 1.0-SNAPSHOT
[INFO] project created from Old (1.x) Archetype in dir: D:\3-1\Waven_Projects\samplejavaproject
[INFO] -----
[INFO] BUILD SUCCESS
[INFO] -----
[INFO] Total time: 16.725 s
[INFO] Finished at: 2022-08-14T14:52:53+05:30
[INFO] -----
'cmd' is not recognized as an internal or external command,
operable program or batch file.

D:\3-1\Waven_Projects>

```

```

C:\Windows\System32\cmd.exe
D:\3-1\Waven_Projects>cd samplejavaproject
D:\3-1\Waven_Projects\samplejavaproject>mvn install
[INFO] Scanning for projects...
[WARNING]
[WARNING] Some problems were encountered while building the effective model for com.klef.jfsd:samplejavaproject:jar:1.0-SNAPSHOT
[WARNING] 'build.plugins.plugin.version' for org.apache.maven.plugins:maven-compiler-plugin is missing. @ line 20, column 17
[WARNING]
[WARNING] It is highly recommended to fix these problems because they threaten the stability of your build.
[WARNING]
[WARNING] For this reason, future Maven versions might no longer support building such malformed projects.
[WARNING]
[INFO] -----< com.klef.jfsd:samplejavaproject >-----
[INFO] Building samplejavaproject 1.0-SNAPSHOT
[INFO] -----[ jar ]-----
[INFO]
[INFO] --- maven-resources-plugin:2.6:resources (default-resources) @ samplejavaproject ---
[WARNING] Using platform encoding (Cp1252 actually) to copy filtered resources, i.e. build is platform dependent!
[INFO] skip non existing resourceDirectory D:\3-1\Waven_Projects\samplejavaproject\src\main\resources
[INFO]
[INFO] --- maven-compiler-plugin:3.1:compile (default-compile) @ samplejavaproject ---
[INFO] Changes detected - recompiling the module!
[WARNING] File encoding has not been set, using platform encoding Cp1252, i.e. build is platform dependent!
[INFO] Compiling 1 source file to D:\3-1\Waven_Projects\samplejavaproject\target\classes
[INFO]
[INFO] --- maven-resources-plugin:2.6:testResources (default-testResources) @ samplejavaproject ---
[WARNING] Using platform encoding (Cp1252 actually) to copy filtered resources, i.e. build is platform dependent!
[INFO] skip non existing resourceDirectory D:\3-1\Waven_Projects\samplejavaproject\src\test\resources
[INFO]
[INFO] --- maven-compiler-plugin:3.1:testCompile (default-testCompile) @ samplejavaproject ---
[INFO] Changes detected - recompiling the module!
[WARNING] File encoding has not been set, using platform encoding Cp1252, i.e. build is platform dependent!
[INFO] Compiling 1 source file to D:\3-1\Waven_Projects\samplejavaproject\target\test-classes
[INFO]
[INFO] --- maven-surefire-plugin:2.12.4:test (default-test) @ samplejavaproject ---
[INFO] Surefire report directory: D:\3-1\Waven_Projects\samplejavaproject\target\surefire-reports

-----
T E S T S
-----
Running com.klef.jfsd.AppTest
Tests run: 1, Failures: 0, Errors: 0, Skipped: 0, Time elapsed: 0 sec
Results :

Tests run: 1, Failures: 0, Errors: 0, Skipped: 0

[INFO]
[INFO] --- maven-jar-plugin:2.4:jar (default-jar) @ samplejavaproject ---
[INFO] Building jar: D:\3-1\Waven_Projects\samplejavaproject\target\samplejavaproject-1.0-SNAPSHOT.jar

```

```

C:\Windows\System32\cmd.exe
Tests run: 1, Failures: 0, Errors: 0, Skipped: 0, Time elapsed: 0 sec
Results :
Tests run: 1, Failures: 0, Errors: 0, Skipped: 0

[INFO] --- maven-jar-plugin:2.4:jar (default-jar) @ samplejavaproject ---
[INFO] Building jar: D:\3-1\Maven_Projects\samplejavaproject\target\samplejavaproject-1.0-SNAPSHOT.jar
[INFO] --- maven-install-plugin:2.4:install (default-install) @ samplejavaproject ---
[INFO] Installing D:\3-1\Maven_Projects\samplejavaproject\target\samplejavaproject-1.0-SNAPSHOT.jar to C:\Users\suprith's-omen\.m2\repository\com\klef\jfsd\samplejavaproject\1.0-SNAPSHOT\samplejavaproject-1.0-SNAPSHOT.jar
[INFO] Installing D:\3-1\Maven_Projects\samplejavaproject\pom.xml to C:\Users\suprith's-omen\.m2\repository\com\klef\jfsd\samplejavaproject\1.0-SNAPSHOT\samplejavaproject-1.0-SNAPSHOT.pom
[INFO] -----
[INFO] BUILD SUCCESS
[INFO] -----
[INFO] Total time: 3.532 s
[INFO] Finished at: 2022-08-14T14:55:45+05:30
[INFO] -----
'cmd' is not recognized as an internal or external command,
operable program or batch file.

D:\3-1\Maven_Projects\samplejavaproject>java -classpath target\samplejavaproject-1.0-SNAPSHOT.jar com.klef.jfsd.App
Hello World!

D:\3-1\Maven_Projects\samplejavaproject>

```

- Implement a Maven Java Web Project [Java EE] using maven-archetype-webapp in batch mode through command prompt.

```
C:\Windows\System32\cmd.exe
3121: remote -> us.fatehi:schemacrawler-archetype-plugin-command (-)
3122: remote -> us.fatehi:schemacrawler-archetype-plugin-dbconnector (-)
3123: remote -> us.fatehi:schemacrawler-archetype-plugin-list (-)
3124: remote -> ws.osiris:osiris-archetype (Maven Archetype for Osiris)
3125: remote -> xyz.luan.generator:xyz-gae-generator (-)
3126: remote -> xyz.luan.generator:xyz-generator (-)
3127: remote -> za.co.absa.hyperdrive:component-archetype (-)
3128: remote -> za.co.absa.hyperdrive:component-archetype-2.11 (-)
3129: remote -> za.co.absa.hyperdrive:component-archetype-2.12 (-)
Choose a number or apply filter (format: [groupId]:artifactId, case sensitive contains): 1937: 1942
Choose org.apache.maven.archetypes:maven-archetype-webapp version:
1: 1.0-alpha-1
2: 1.0-alpha-2
3: 1.0-alpha-3
4: 1.0-alpha-4
5: 1.0
6: 1.3
7: 1.4
Choose a number: 7: 7
Define value for property 'groupId': com.klef.jfsd
Define value for property 'artifactId': samplemavenwebapp
Define value for property 'version': 1.0-SNAPSHOT; :
Define value for property 'package': com.klef.jfsd :
Confirm properties configuration:
groupId: com.klef.jfsd
artifactId: samplemavenwebapp
version: 1.0-SNAPSHOT
package: com.klef.jfsd
Y: : Y
[INFO] -----
[INFO] Using following parameters for creating project from Archetype: maven-archetype-webapp:1.4
[INFO] -----
[INFO] Parameter: groupId, Value: com.klef.jfsd
[INFO] Parameter: artifactId, Value: samplemavenwebapp
[INFO] Parameter: version, Value: 1.0-SNAPSHOT
[INFO] Parameter: package, Value: com.klef.jfsd
[INFO] Parameter: packageInPathFormat, Value: com/klef/jfsd
[INFO] Parameter: package, Value: com.klef.jfsd
[INFO] Parameter: groupId, Value: com.klef.jfsd
[INFO] Parameter: artifactId, Value: samplemavenwebapp
[INFO] Parameter: version, Value: 1.0-SNAPSHOT
[INFO] Project created from Archetype in dir: D:\3-1\Maven_Projects\samplemavenwebapp
[INFO] -----
[INFO] BUILD SUCCESS
[INFO] -----
[INFO] Total time: 01:53 min
[INFO] Finished at: 2022-08-14T14:58:54+05:30
[INFO] -----
'cmd' is not recognized as an internal or external command,
operable program or batch file.
D:\3-1\Maven_Projects>
```

```
C:\Windows\System32\cmd.exe - mvn install
package: com.klef.jfsd
Y: : Y
[INFO] -----
[INFO] Using following parameters for creating project from Archetype: maven-archetype-webapp:1.4
[INFO] -----
[INFO] Parameter: groupId, Value: com.klef.jfsd
[INFO] Parameter: artifactId, Value: samplemavenwebapp
[INFO] Parameter: version, Value: 1.0-SNAPSHOT
[INFO] Parameter: package, Value: com.klef.jfsd
[INFO] Parameter: packageInPathFormat, Value: com/klef/jfsd
[INFO] Parameter: package, Value: com.klef.jfsd
[INFO] Parameter: groupId, Value: com.klef.jfsd
[INFO] Parameter: artifactId, Value: samplemavenwebapp
[INFO] Parameter: version, Value: 1.0-SNAPSHOT
[INFO] Project created from Archetype in dir: D:\3-1\Maven_Projects\samplemavenwebapp
[INFO] -----
[INFO] BUILD SUCCESS
[INFO] -----
[INFO] Total time: 01:53 min
[INFO] Finished at: 2022-08-14T14:58:54+05:30
[INFO] -----
'cmd' is not recognized as an internal or external command,
operable program or batch file.
D:\3-1\Maven_Projects>cd samplemavenwebapp
D:\3-1\Maven_Projects\samplemavenwebapp>mvn install
[INFO] Scanning for projects...
[INFO] -----< com.klef.jfsd:samplemavenwebapp >-----
[INFO] Building samplemavenwebapp Maven Webapp 1.0-SNAPSHOT
[INFO] -----[ war ]-----
[INFO] --- maven-resources-plugin:3.0.2:resources (default-resources) @ samplemavenwebapp ---
[INFO] Using 'UTF-8' encoding to copy filtered resources.
[INFO] skip non existing resourceDirectory D:\3-1\Maven_Projects\samplemavenwebapp\src\main\resources
[INFO] --- maven-compiler-plugin:3.8.0:compile (default-compile) @ samplemavenwebapp ---
[INFO] No sources to compile
[INFO] --- maven-resources-plugin:3.0.2:testResources (default-testResources) @ samplemavenwebapp ---
[INFO] Using 'UTF-8' encoding to copy filtered resources.
[INFO] skip non existing resourceDirectory D:\3-1\Maven_Projects\samplemavenwebapp\src\test\resources
[INFO] --- maven-compiler-plugin:3.8.0:testCompile (default-testCompile) @ samplemavenwebapp ---
[INFO] No sources to compile
[INFO] --- maven-surefire-plugin:2.22.1:test (default-test) @ samplemavenwebapp ---
[INFO] No tests to run.
[INFO] --- maven-war-plugin:3.2.2:war (default-war) @ samplemavenwebapp ---
```

```
C:\Windows\System32\cmd.exe
[INFO] Finished at: 2022-08-14T14:58:54+05:30
[INFO] -----
'cmd' is not recognized as an internal or external command,
operable program or batch file.

D:\3-1\Maven_Projects>cd samplemavenwebapp

D:\3-1\Maven_Projects\samplemavenwebapp>mvn install
[INFO] Scanning for projects...
[INFO]
[INFO] -----< com.klef.jfsd:samplemavenwebapp >-----
[INFO] Building samplemavenwebapp Maven Webapp 1.0-SNAPSHOT
[INFO] -----[ war ]-----
[INFO]
[INFO] --- maven-resources-plugin:3.0.2:resources (default-resources) @ samplemavenwebapp ---
[INFO] Using 'UTF-8' encoding to copy filtered resources.
[INFO] skip non existing resourceDirectory D:\3-1\Maven_Projects\samplemavenwebapp\src\main\resources
[INFO]
[INFO] --- maven-compiler-plugin:3.8.0:compile (default-compile) @ samplemavenwebapp ---
[INFO] No sources to compile
[INFO]
[INFO] --- maven-resources-plugin:3.0.2:testResources (default-testResources) @ samplemavenwebapp ---
[INFO] Using 'UTF-8' encoding to copy filtered resources.
[INFO] skip non existing resourceDirectory D:\3-1\Maven_Projects\samplemavenwebapp\src\test\resources
[INFO]
[INFO] --- maven-compiler-plugin:3.8.0:testCompile (default-testCompile) @ samplemavenwebapp ---
[INFO] No sources to compile
[INFO]
[INFO] --- maven-surefire-plugin:2.22.1:test (default-test) @ samplemavenwebapp ---
[INFO] No tests to run.
[INFO]
[INFO] --- maven-war-plugin:3.2.2:war (default-war) @ samplemavenwebapp ---
[INFO] Packaging webapp
[INFO] Assembling webapp [samplemavenwebapp] in [D:\3-1\Maven_Projects\samplemavenwebapp\target\samplemavenwebapp]
[INFO] Processing war project
[INFO] Copying webapp resources [D:\3-1\Maven_Projects\samplemavenwebapp\src\main\webapp]
[INFO] Webapp assembled in [63 msecs]
[INFO] Building war: D:\3-1\Maven_Projects\samplemavenwebapp\target\samplemavenwebapp.war
[INFO]
[INFO] --- maven-install-plugin:2.5.2:install (default-install) @ samplemavenwebapp ---
[INFO] Installing D:\3-1\Maven_Projects\samplemavenwebapp\target\samplemavenwebapp.war to C:\Users\suprith's-omen\.m2\repository\com\klef\jfsd\samplemavenwebapp\1.0-SNAPSHOT\samplemavenwebapp-1.0-SNAPSHOT.war
[INFO] Installing D:\3-1\Maven_Projects\samplemavenwebapp\pom.xml to C:\Users\suprith's-omen\.m2\repository\com\klef\jfsd\samplemavenwebapp\1.0-SNAPSHOT\samplemavenwebapp-1.0-SNAPSHOT.pom
[INFO] -----
[INFO] BUILD SUCCESS
[INFO] -----
[INFO] Total time: 1.985 s
[INFO] Finished at: 2022-08-14T14:59:14+05:30
[INFO] -----
'cmd' is not recognized as an internal or external command,
operable program or batch file.

D:\3-1\Maven_Projects\samplemavenwebapp>
```

Hello World!

Implement a Maven Java Web Project [Java EE] using maven-archetype-webapp in batch mode through command prompt

```

C:\Windows\System32\cmd.exe
[INFO] Copying webapp resources [D:\3-1\Maven_Projects\samplemavenwebapp\src\main\webapp]
[INFO] Webapp assembled in (63 msecs)
[INFO] Building war: D:\3-1\Maven_Projects\samplemavenwebapp\target\samplemavenwebapp.war
[INFO]
[INFO] --- maven-install-plugin:2.5.2:install (default-install) @ samplemavenwebapp ---
[INFO] Installing D:\3-1\Maven_Projects\samplemavenwebapp\target\samplemavenwebapp.war to C:\Users\suprith's-omen\.m2\repository\com\klef\jfsd\samplemavenwebapp\1.0-SNAPSHOT\samplemavenwebapp-1.0-SNAPSHOT.war
[INFO] Installing D:\3-1\Maven_Projects\samplemavenwebapp\pom.xml to C:\Users\suprith's-omen\.m2\repository\com\klef\jfsd\samplemavenwebapp\1.0-SNAPSHOT\samplemavenwebapp-1.0-SNAPSHOT.pom
[INFO] -----
[INFO] BUILD SUCCESS
[INFO] -----
[INFO] Total time: 1.985 s
[INFO] Finished at: 2022-08-14T14:59:14+05:30
[INFO] -----
'cmd' is not recognized as an internal or external command,
operable program or batch file.

D:\3-1\Maven_Projects\samplemavenwebapp>cd ..

D:\3-1\Maven_Projects>mvn archetype:generate -DgroupId=com.klef.jfsd -DartifactId=samplewebproject -DarchetypeArtifactId=maven-archetype-webapp -DinteractiveMode=false
[INFO] Scanning for projects...
[INFO]
[INFO] -----< org.apache.maven:standalone-pom >-----
[INFO] Building Maven Stub Project (No POM) 1
[INFO] -----[ pom ]-----
[INFO]
[INFO] >>> maven-archetype-plugin:3.2.1:generate (default-cli) > generate-sources @ standalone-pom >>>
[INFO]
[INFO] <<< maven-archetype-plugin:3.2.1:generate (default-cli) < generate-sources @ standalone-pom <<<
[INFO]
[INFO] --- maven-archetype-plugin:3.2.1:generate (default-cli) @ standalone-pom ---
[INFO] Generating project in Batch mode
[INFO] -----
[INFO] Using following parameters for creating project from Old (1.x) Archetype: maven-archetype-webapp:1.0
[INFO] -----
[INFO] Parameter: basedir, Value: D:\3-1\Maven_Projects
[INFO] Parameter: package, Value: com.klef.jfsd
[INFO] Parameter: groupId, Value: com.klef.jfsd
[INFO] Parameter: artifactId, Value: samplewebproject
[INFO] Parameter: packagingName, Value: com.klef.jfsd
[INFO] Parameter: version, Value: 1.0-SNAPSHOT
[INFO] Project created from Old (1.x) Archetype in dir: D:\3-1\Maven_Projects\samplewebproject
[INFO] -----
[INFO] BUILD SUCCESS
[INFO] -----
[INFO] Total time: 16.414 s
[INFO] Finished at: 2022-08-14T15:07:54+05:30
[INFO] -----
'cmd' is not recognized as an internal or external command,
operable program or batch file.

D:\3-1\Maven_Projects>

C:\Windows\System32\cmd.exe
'cmd' is not recognized as an internal or external command,
operable program or batch file.

D:\3-1\Maven_Projects>cd samplewebproject

D:\3-1\Maven_Projects\samplewebproject>mvn install
[INFO] Scanning for projects...
[WARNING]
[WARNING] Some problems were encountered while building the effective model for com.klef.jfsd:samplewebproject:war:1.0-SNAPSHOT
[WARNING] 'build.plugins.plugin.version' for org.apache.maven.plugins:maven-compiler-plugin is missing. @ line 21, column 17
[WARNING]
[WARNING] It is highly recommended to fix these problems because they threaten the stability of your build.
[WARNING]
[WARNING] For this reason, future Maven versions might no longer support building such malformed projects.
[WARNING]
[INFO] -----< com.klef.jfsd:samplewebproject >-----
[INFO] Building samplewebproject Maven Webapp 1.0-SNAPSHOT
[INFO] -----[ war ]-----
[INFO]
[INFO] --- maven-resources-plugin:2.6:resources (default-resources) @ samplewebproject ---
[WARNING] Using platform encoding (Cp1252 actually) to copy filtered resources, i.e. build is platform dependent!
[INFO] Copying 0 resource
[INFO]
[INFO] --- maven-compiler-plugin:3.1:compile (default-compile) @ samplewebproject ---
[INFO] No sources to compile
[INFO]
[INFO] --- maven-resources-plugin:2.6:testResources (default-testResources) @ samplewebproject ---
[WARNING] Using platform encoding (Cp1252 actually) to copy filtered resources, i.e. build is platform dependent!
[INFO] skip non existing resourceDirectory D:\3-1\Maven_Projects\samplewebproject\src\test\resources
[INFO]
[INFO] --- maven-compiler-plugin:3.1:testCompile (default-testCompile) @ samplewebproject ---
[INFO] No sources to compile
[INFO]
[INFO] --- maven-surefire-plugin:2.12.4:test (default-test) @ samplewebproject ---
[INFO] No tests to run.
[INFO]
[INFO] --- maven-war-plugin:2.2:war (default-war) @ samplewebproject ---
[WARNING] An illegal reflective access operation has occurred
[WARNING] Illegal reflective access by com.thoughtworks.xstream.core.util.Fields (file:/C:/Users/suprith's-omen/.m2/repository/com/thoughtworks/xstream/xstream/1.3.1/xstream-1.3.1.jar) to field java.util.Properties.defaults
[WARNING] Please consider reporting this to the maintainers of com.thoughtworks.xstream.core.util.Fields
[WARNING] Use --illegal-access=warn to enable warnings of further illegal reflective access operations
[WARNING] All illegal access operations will be denied in a future release
[INFO] Packaging webapp
[INFO] Assembling webapp [samplewebproject] in [D:\3-1\Maven_Projects\samplewebproject\target\samplewebproject]
[INFO] Processing war project
[INFO] Copying webapp resources [D:\3-1\Maven_Projects\samplewebproject\src\main\webapp]
[INFO] Webapp assembled in (24 msecs)
[INFO] Building war: D:\3-1\Maven_Projects\samplewebproject\target\samplewebproject.war
[INFO] WEB-INF/web.xml already added, skipping
[INFO]

```




-
- Generate site documentation for all above 4 projects using mvn: site command

```

C:\Windows\System32\cmd.exe
[ERROR] -----
[ERROR] : org.apache.maven.doxia.siterenderer.DocumentContent
[ERROR] -> [Help 1]
[ERROR]
[ERROR] To see the full stack trace of the errors, re-run Maven with the -e switch.
[ERROR] Re-run Maven using the -X switch to enable full debug logging.
[ERROR]
[ERROR] For more information about the errors and possible solutions, please read the following articles:
[ERROR] [Help 1] http://cwiki.apache.org/confluence/display/MAVEN/PluginContainerException
'cmd' is not recognized as an internal or external command,
operable program or batch file.

D:\3-1\Maven_Projects\samplewebproject>mvn site
[INFO] Scanning for projects...
[WARNING] Some problems were encountered while building the effective model for com.klef.jsfd:samplewebproject:war:1.0-SNAPSHOT
[WARNING] 'build.plugins.plugin.version' for org.apache.maven.plugins:maven-compiler-plugin is missing. @ line 32, column 17
[WARNING]
[WARNING] It is highly recommended to fix these problems because they threaten the stability of your build.
[WARNING]
[WARNING] For this reason, future Maven versions might no longer support building such malformed projects.
[WARNING]
[INFO] -----< com.klef.jsfd:samplewebproject >-----
[INFO] Building samplewebproject Maven Webapp 1.0-SNAPSHOT
[INFO] -----[ war ]-----
[INFO]
[INFO] --- maven-site-plugin:3.12.0:site (default-site) @ samplewebproject ---
[WARNING] Input file encoding has not been set, using platform encoding (cp1252, i.e. build is platform dependent!)
[INFO] configuring report plugin org.apache.maven.plugins:maven-project-info-reports-plugin:3.3.0
[INFO] 15 reports detected for maven-project-info-reports-plugin:3.3.0: ci-management, dependencies, dependency-info, dependency-management, distribution-management, index, issue-management, licenses, mailing-lists, modules, plugin-management, plugins, scm, summary, team
[INFO] Rendering site with default locale English (en)
[INFO] Relativizing decoration links with respect to localized project URL: http://maven.apache.org
[INFO] Rendering content with org.apache.maven.skins:maven-default-skin:jar:1.3 skin.
[INFO] Generating "Dependencies" report --- maven-project-info-reports-plugin:3.3.0:dependencies
[INFO] Generating "Dependency Information" report --- maven-project-info-reports-plugin:3.3.0:dependency-info
[INFO] Generating "About" report --- maven-project-info-reports-plugin:3.3.0:index
[INFO] Generating "Plugin Management" report --- maven-project-info-reports-plugin:3.3.0:plugin-management
[INFO] Generating "Plugins" report --- maven-project-info-reports-plugin:3.3.0:plugins
[INFO] Generating "Summary" report --- maven-project-info-reports-plugin:3.3.0:summary
[INFO] -----
[INFO] BUILD SUCCESS
[INFO] -----
[INFO] Total time: 2.501 s
[INFO] Finished at: 2022-08-14T15:12:51+05:30
[INFO] -----
'cmd' is not recognized as an internal or external command,
operable program or batch file.

D:\3-1\Maven_Projects\samplewebproject>

C:\Windows\System32\cmd.exe
[WARNING] Some problems were encountered while building the effective model for com.klef.jsfd:samplewebproject:war:1.0-SNAPSHOT
[WARNING] 'build.plugins.plugin.version' for org.apache.maven.plugins:maven-compiler-plugin is missing. @ line 32, column 17
[WARNING]
[WARNING] It is highly recommended to fix these problems because they threaten the stability of your build.
[WARNING]
[WARNING] For this reason, future Maven versions might no longer support building such malformed projects.
[WARNING]
[INFO] -----
[INFO] BUILD FAILURE
[INFO] -----
[INFO] Total time: 0.390 s
[INFO] Finished at: 2022-08-14T15:13:06+05:30
[INFO] -----
[ERROR] Could not find goal 'site' in plugin org.apache.maven.plugins:maven-dependency-plugin:2.8 among available goals copy, analyze, unpack, list-repositories, resolve, resolve-plugins, build-classpath, list, analyze-dep-mgt, sources, analyze-duplicate, copy-dependencies, unpack-dependencies, go-offline, get, purge-local-repository, properties, analyze-report, tree, analyze-only, help -> [Help 1]
[ERROR]
[ERROR] To see the full stack trace of the errors, re-run Maven with the -e switch.
[ERROR] Re-run Maven using the -X switch to enable full debug logging.
[ERROR]
[ERROR] For more information about the errors and possible solutions, please read the following articles:
[ERROR] [Help 1] http://cwiki.apache.org/confluence/display/MAVEN/MojoNotFoundException
'cmd' is not recognized as an internal or external command,
operable program or batch file.

D:\3-1\Maven_Projects\samplewebproject>mvn dependency:tree
[INFO] Scanning for projects...
[WARNING] Some problems were encountered while building the effective model for com.klef.jsfd:samplewebproject:war:1.0-SNAPSHOT
[WARNING] 'build.plugins.plugin.version' for org.apache.maven.plugins:maven-compiler-plugin is missing. @ line 32, column 17
[WARNING]
[WARNING] It is highly recommended to fix these problems because they threaten the stability of your build.
[WARNING]
[WARNING] For this reason, future Maven versions might no longer support building such malformed projects.
[WARNING]
[INFO] -----< com.klef.jsfd:samplewebproject >-----
[INFO] Building samplewebproject Maven Webapp 1.0-SNAPSHOT
[INFO] -----[ war ]-----
[INFO]
[INFO] --- maven-dependency-plugin:2.8:tree (default-cli) @ samplewebproject ---
[INFO] com.klef.jsfd:samplewebproject:war:1.0-SNAPSHOT
[INFO] \- junit:junit:jar:3.8.1:test
[INFO] -----
[INFO] BUILD SUCCESS
[INFO] -----
[INFO] Total time: 1.469 s
[INFO] Finished at: 2022-08-14T15:13:30+05:30
[INFO] -----
'cmd' is not recognized as an internal or external command,
operable program or batch file.

D:\3-1\Maven_Projects\samplewebproject>

```

Dashboard

localhost:3000/samplewebproj...samplewebproject Maven Webapp...samplewebproject Maven Webapp...samplewebproject Maven Webapp...


D:/3-1/Maven_Projects/samplewebproject/target/site/index.html

samplewebproject Maven Webapp

samplewebproject Maven Webapp

Project Documentation

- Project Information
- Dependencies
- Dependency Information
- About
- Plugin Management
- Plugins
- Summary

Built by 

About samplewebproject Maven Webapp

There is currently no description associated with this project.

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Dashboard

localhost:3000/samplewebproj...samplewebproject Maven Webapp...samplewebproject Maven Webapp...samplewebproject Maven Webapp...


D:/3-1/Maven_Projects/samplewebproject/target/site/dependency-info.html

samplewebproject Maven Webapp

samplewebproject Maven Webapp

Project Documentation

- Project Information
- Dependencies
- Dependency Information
- About
- Plugin Management
- Plugins
- Summary

Built by 

Dependency Information

Apache Maven

<dependency>
<groupId>com.kleef.jfsd</groupId>
<artifactId>samplewebproject</artifactId>
<version>1.0-SNAPSHOT</version>
<type>war</type>
</dependency>

Apache Buildr

'com.kleef.jfsd:samplewebproject:war:1.0-SNAPSHOT'

Apache Ivy

<dependency org="com.kleef.jfsd" name="samplewebproject" rev="1.0-SNAPSHOT">
<artifact name="samplewebproject" type="war" />
</dependency>

Groovy Grape

@Grapes(
@Grab(group='com.kleef.jfsd', module='samplewebproject', version='1.0-SNAPSHOT'))

Gradle/Grails

compile 'com.kleef.jfsd:samplewebproject:1.0-SNAPSHOT'