

# ankus Analyzer G Build Guide

version 1.0  
2017.08  
onycom



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```
$ cd /home/ankus/ankus-g/ankus-web-service/  
$ mvn clean  
...  
[INFO] -----  
[INFO] Building Ankus Web Services 0.4.0  
[INFO] -----  
[INFO]  
[INFO] --- maven-clean-plugin:2.5:clean (default-clean) @ ankus-web-services ---  
[INFO] Deleting \home\ankus\ankus-g\ankus-web-services\target  
[INFO] -----  
[INFO] BUILD SUCCESS  
[INFO] -----  
[INFO] Total time: 3.482 s  
[INFO] Finished at: 2017-08-07T09:35:27+09:00  
[INFO] Final Memory: 7M/121M  
[INFO] -----
```

# 01. Build in command Line Interface



## ● Command Line 에서 Maven 빌드

### ◆ Maven Build

```
$ mvn install -Dmaven.test.skip=true
...
[INFO] Packaging webapp
[INFO] Assembling webapp [ankus-web-services] in [\\home\\ankus\\ankus-g\\ankus-web-services\\target\\ankus-web-services-0.4.0]
[INFO] Processing war project
[INFO] Copying webapp webResources [\\home\\ankus\\ankus-g\\ankus-web-services\\target\\min] to [C:\\web\\ankus-g\\ankus-web-services\\target\\ankus-web-services-0.4.0]
[INFO] Copying webapp webResources [\\home\\ankus\\ankus-g\\ankus-web-services\\src\\main\\webapp\\WEB-INF] to [\\home\\ankus\\ankus-g\\ankus-web-services\\target\\ankus-web-services-0.4.0]
[INFO] Copying webapp resources [\\home\\ankus\\ankus-g\\ankus-web-services\\src\\main\\webapp]
[INFO] Webapp assembled in [16083 msecs]
[INFO] Building war: \\home\\ankus\\ankus-g\\ankus-web-services\\target\\ankus-web-services-0.4.0.war
...
[INFO] -----
[INFO] BUILD SUCCESS
[INFO] -----
[INFO] Total time: 49.317 s
[INFO] Finished at: 2017-08-07T09:41:34+09:00
[INFO] Final Memory: 52M/319M
[INFO] -----
```

## 02. Build in Eclipse



### ● Eclipse 에서 Maven 빌드

#### ◆ Check Out 받은 프로젝트를 Maven 프로젝트로 변환함

The screenshot shows the Eclipse IDE interface. On the left, the 'Project Explorer' displays a project named 'ankus-web-services' with sub-projects like 'Spring Elements', 'JAX-WS Web Services', 'Java Resources', 'JavaScript Resources', 'Deployed Resources', 'target', 'src', and 'pom.xml'. A context menu is open over the 'ankus-web-services' project, listing various actions. The 'Configure' option is highlighted, and its submenu is visible, showing 'Convert to Maven Project' as the selected option. The main editor area shows a Java file with a query: `String.format("SELECT JOB_ID,STATUS FROM WORKFLOW_HISTORY WHERE WORKFLOW_ID='%s' AND USERNAME='%s'")`. The bottom console shows the output of a Maven build, including the command `mvn install` and the resulting `ankus-web-services-0.4.0.war` file.

```
Java EE - Eclipse
File Edit Source Refactor N
Project Explorer
ankus-web-services 85
  Spring Elements
  JAX-WS Web Services
  Java Resources
  JavaScript Resources
  Deployed Resources
  target 86
  src 86
  pom.xml 86
  Servers
New
Go Into
Show In Alt+Shift+W
Copy Ctrl+C
Copy Qualified Name
Paste Ctrl+V
Delete Delete
Remove from Context Ctrl+Alt+Shift+Down
Build Path
Refactor Alt+Shift+T
Import
Export
Refresh F5
Close Project
Close Unrelated Projects
Validate
Show in Remote Systems view
Run As
Debug As
Profile As
Restore from Local History...
Maven
Java EE Tools
Team
Compare With
Replace With
Configure
Source
Spring Tools
Properties Alt+Enter
```

```
is<HashMap<String, Object>> job = null;
p<String, Object> jobid = null;
String.format("SELECT JOB_ID,STATUS FROM WORKFLOW_HISTORY WHERE WORKFLOW_ID='%s' AND USERNAME='%s'")
t i=0; i<30; i++)
o = memberService.select_sql(sql);
(job.size()>0) {
  jobid = job.get(0);
  break;
}

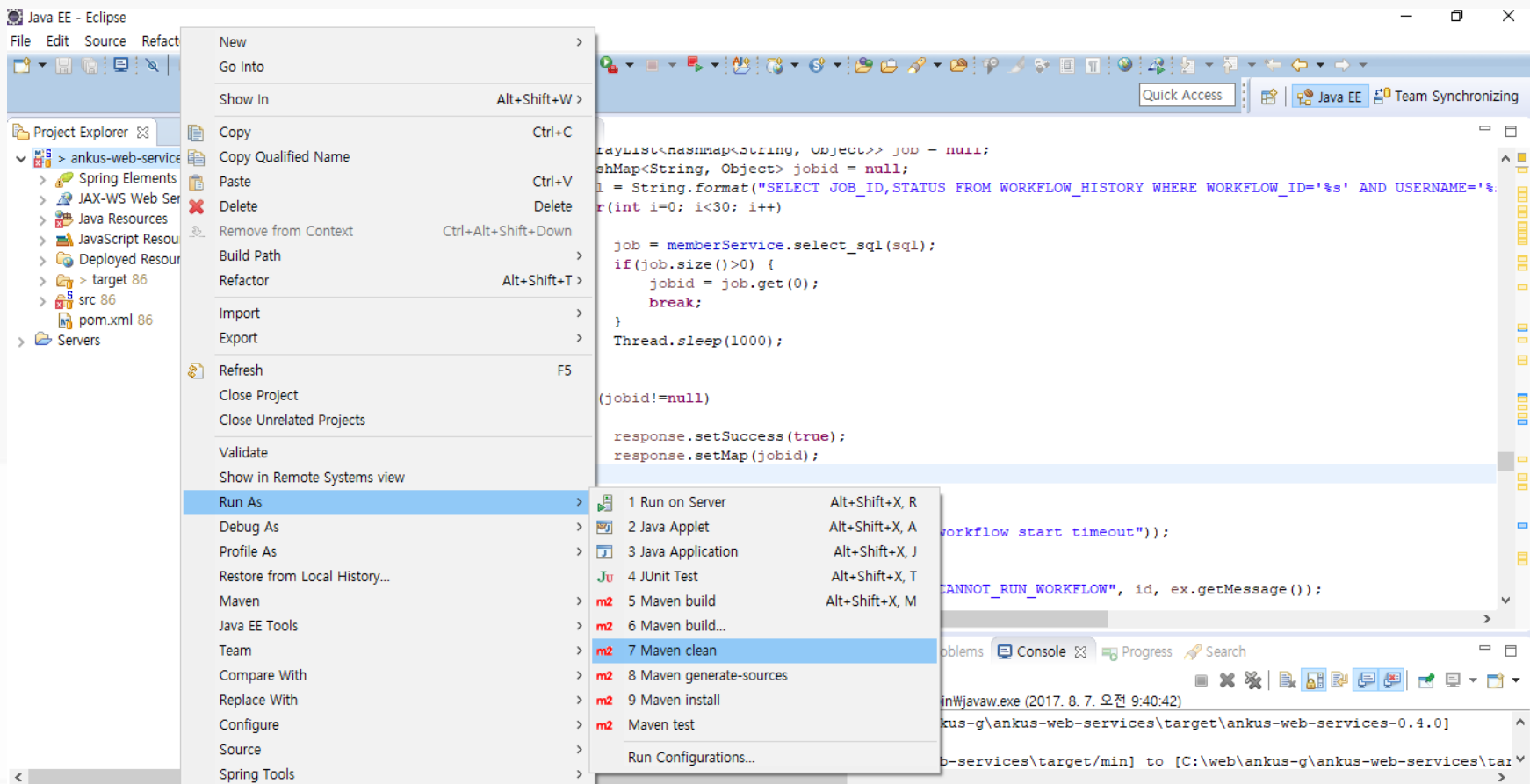
aven Build] C:\Program Files\Java\jdk1.7.0_79\bin\javaw.exe (2017. 8. 7. 오전 9:40:42)
[ankus-web-services] in [C:\web\ankus-g\ankus-web-services\target\ankus-web-services-0.4.0]
ject
Resources [C:\web\ankus-g\ankus-web-services\target\min] to [C:\web\ankus-g\ankus-web-services\tar
Resources [C:\web\ankus-g\ankus-web-services\src\main\webapp\WEB-INF] to [C:\web\ankus-g\ankus-web
ources [C:\web\ankus-g\ankus-web-services\src\main\webapp]
n [16083 msecs]
eb\ankus-g\ankus-web-services\target\ankus-web-services-0.4.0.war
plugin:2.4:install (default-install) @ ankus-web-services ---
ankus-g\ankus-web-services\target\ankus-web-services-0.4.0.war to C:\Users\onycoml\.m2\repository\
ankus-g\ankus-web-services\pom.xml to C:\Users\onycoml\.m2\repository\org\ankus\ankus-web-services
-----
s
08-07T09:41:34+09:00
-----
```

## 02. Build in Eclipse



### ● Eclipse 에서 Maven 빌드

- ◆ 프로젝트에서 마우스 오른쪽 클릭 > Run As > Maven Clean 을 클릭하여 기본에 생성된 빌드를 삭제함





## ● Eclipse 에서 Maven 빌드

- ◆ 프로젝트에서 마우스 오른쪽 클릭 > Run As > Maven Build 을 클릭하여 Goals에 아래와 같이 install를 입력 후 Skip Tests 체크박스를 클릭 실행(성공 시 /target경로에 war파일이 생성)

Run Configurations

Create, manage, and run configurations

Name: ankus-web-services

Base directory: \${project\_loc:ankus-web-services}

Goals: install

Profiles:

User settings: C:\Users\onycom1\...

☐ Offline ☐ Update ☒ Skip Tests ☐ Non-recursive

☐ Debug Output ☐ Resolve Workspace artifacts

1 Threads

Parameter Name	Value

Revert Apply

Run Close

```

--- maven-surefire-plugin:2.12.4:test (default-test) @ ankus-web-services ---
[INFO] Tests are skipped.
[INFO] --- maven-war-plugin:2.4:war (default-war) @ ankus-web-services ---
[INFO] Packaging webapp
[INFO] Assembling webapp [ankus-web-services] in [C:\web\ankus-g\ankus-web-services\target\ankus-web-services-0.4.0]
[INFO] Processing war project
[INFO] Copying webapp webResources [C:\web\ankus-g\ankus-web-services\target\min] to [C:\web\ankus-g\ankus-web-services\target\ankus-web-services-0.4.0]
[INFO] Copying webapp webResources [C:\web\ankus-g\ankus-web-services\src/main/webapp\WEB-INF] to [C:\web\ankus-g\ankus-web-services\target\ankus-web-services-0.4.0]
[INFO] Copying webapp resources [C:\web\ankus-g\ankus-web-services\src/main/webapp]
[INFO] Webapp assembled in [16083 msecs]
[INFO] Building war: C:\web\ankus-g\ankus-web-services\target\ankus-web-services-0.4.0.war
[INFO] --- maven-install-plugin:2.4:install (default-install) @ ankus-web-services ---
[INFO] Installing C:\web\ankus-g\ankus-web-services\target\ankus-web-services-0.4.0.war to C:\Users\onycom1\..m2\repository\org\ankus\ankus-web-services\0.4.0\ankus-web-
[INFO] Installing C:\web\ankus-g\ankus-web-services\pom.xml to C:\Users\onycom1\..m2\repository\org\ankus\ankus-web-services\0.4.0\ankus-web-services-0.4.0.pom
[INFO] BUILD SUCCESS
[INFO] Total time: 49.317 s
[INFO] Finished at: 2017-08-07T09:41:34+09:00
[INFO] Final Memory: 52M/319M
  
```

# 감사합니다.

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