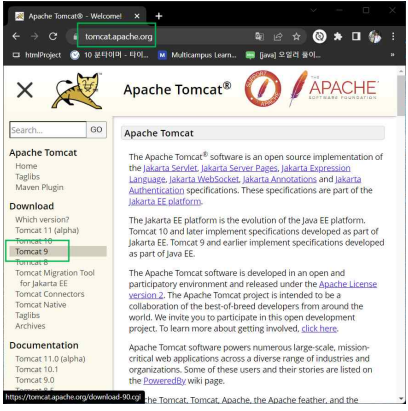
Web01_tomcat서버설정

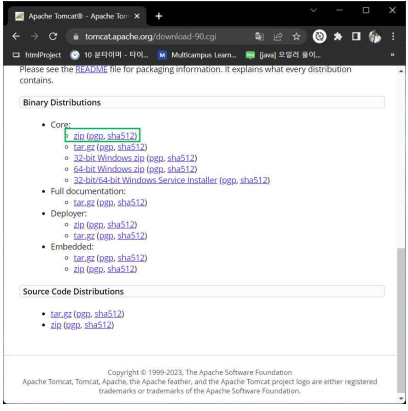
작성자 양성호

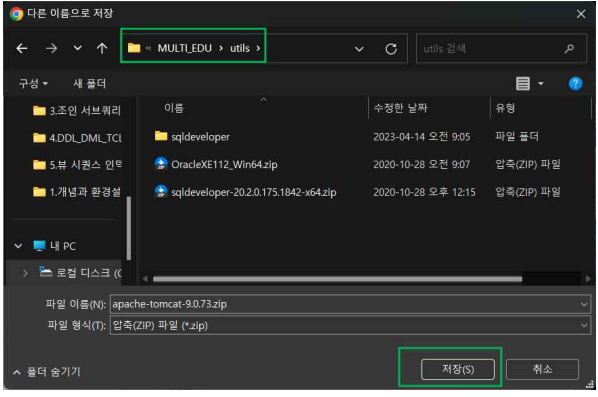
다운로드 경로 : tomcat.apache.org

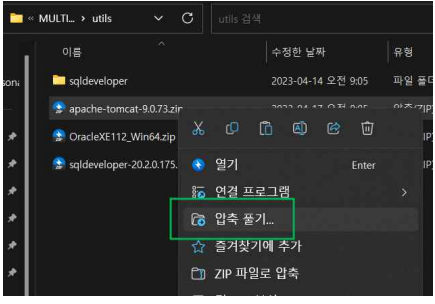


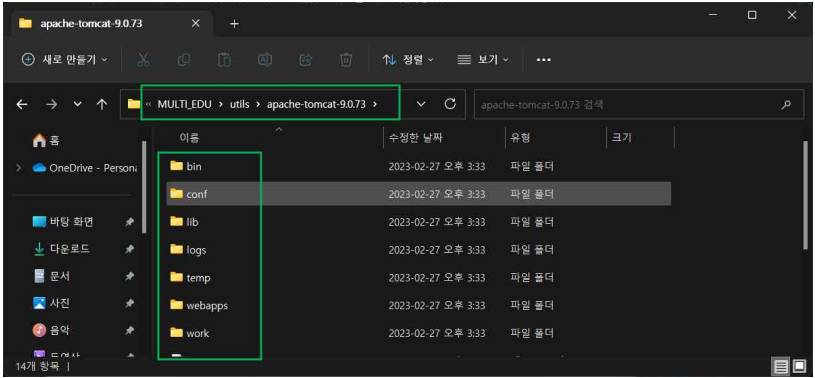
자바 버전별 맞는 톰캣 버전 고르기

Servlet Spec	JSP Spec	EL Spec	WebSocket Spec	Authentication (JASIC) Spec	Apache Tomcat Version	Latest Released Version	Supported Java Versions
5.0	3.0	4.0	2.0	2.0	10.0.x	10.0.4	8 and later
4.0	2.3	3.0	1.1	1.1	9.0.x	9.0.44	8 and later
3.1	2.3	3.0	1.1	1.1	8.5.x	8.5.64	7 and later
3.1	2.3	3.0	1.1	N/A	8.0.x (superseded)	8.0.53 (superseded)	7 and later
3.0	2.2	2.2	1.1	N/A	7.0.x	7.0.108	6 and later (7 and later for WebSocket)

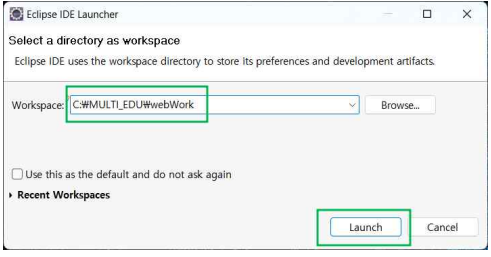

Apache Tomcat® - Apache Tom
tomcat.apache.org/download-90.cgi
htmlProject
10 꼰타이머 - 타이...
Multicampus Learn...
[java] 오일러 풀이...
Please see the README file for packaging information. It explains what every distribution contains.
Binary Distributions
Core:
zip (pgp, sha512)
tar.gz (pgp, sha512)
32-bit Windows.zip (pgp, sha512)
64-bit Windows.zip (pgp, sha512)
32-bit/64-bit Windows Service Installer (pgp, sha512)
Full documentation:
tar.gz (pgp, sha512)
Deployer:
zip (pgp, sha512)
tar.gz (pgp, sha512)
Embedded:
tar.gz (pgp, sha512)
zip (pgp, sha512)
Source Code Distributions
tar.gz (pgp, sha512)
zip (pgp, sha512)
Copyright © 1999-2023, The Apache Software Foundation
Apache Tomcat, Tomcat, Apache, the Apache feather, and the Apache Tomcat project logo are either registered trademarks or trademarks of the Apache Software Foundation.

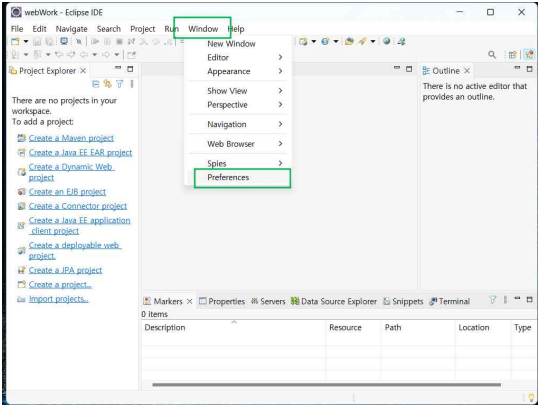

다른 이름으로 저장
« MULTI_EDU › utils ›
utils 검색
구성
새 폴더
3.조인 서브쿼리
4.DDL_DML_TCL
5.뷰 시퀀스 인덱
1.개념과 환경설
이름
수정한 날짜
유형
sqldeveloper
2023-04-14 오전 9:05
파일 폴더
OracleXE112_Win64.zip
2020-10-28 오전 9:07
압축(ZIP) 파일
sqldeveloper-20.2.0.175.1842-x64.zip
2020-10-28 오후 12:15
압축(ZIP) 파일
내 PC
로컬 디스크 (C
파일 이름(N): apache-tomcat-9.0.73.zip
파일 형식(T): 압축(ZIP) 파일 (*.zip)
폴더 숨기기
저장(S)
취소


« MULTI... › utils
utils 검색
이름
수정한 날짜
유형
sqldeveloper
2023-04-14 오전 9:05
파일 폴더
apache-tomcat-9.0.73.zip
OracleXE112_Win64.zip
sqldeveloper-20.2.0.175.
열기
Enter
연결 프로그램
압축 풀기...
즐겨찾기에 추가
ZIP 파일로 압축

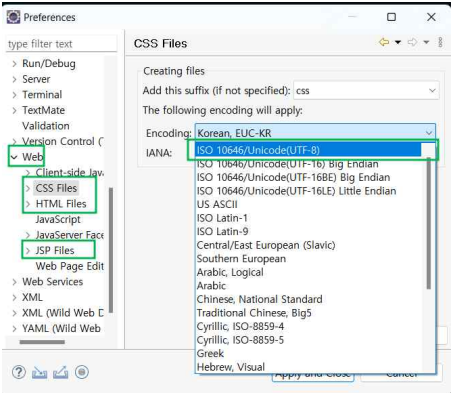

apache-tomcat-9.0.73
새로 만들기
정렬
보기
MULTI_EDU › utils › apache-tomcat-9.0.73 ›
apache-tomcat-9.0.73 검색
홈
OneDrive - Persona
바탕 화면
다운로드
문서
사진
음악
이름
수정한 날짜
유형
크기
bin 2023-02-27 오후 3:33 파일 폴더
conf 2023-02-27 오후 3:33 파일 폴더
lib 2023-02-27 오후 3:33 파일 폴더
logs 2023-02-27 오후 3:33 파일 폴더
temp 2023-02-27 오후 3:33 파일 폴더
webapps 2023-02-27 오후 3:33 파일 폴더
work 2023-02-27 오후 3:33 파일 폴더
14개 항목

이클립스 실행

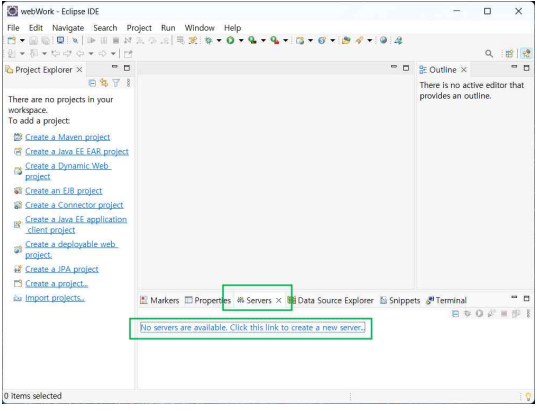

Eclipse IDE Launcher
Select a directory as workspace
Eclipse IDE uses the workspace directory to store its preferences and development artifacts.
Workspace:
C:₩MULTI_EDU₩webWork
Browse...
Use this as the default and do not ask again
Recent Workspaces
Launch
Cancel

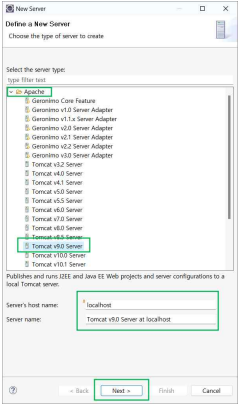

webWork - Eclipse IDE
File Edit Navigate Search Project Run Window Help
New Window
Editor
Appearance
Show View
Perspective
Navigation
Web Browser
Spies
Preferences
Project Explorer
There are no projects in your workspace.
To add a project:
Create a Maven project
Create a Java EE EAR project
Create a Dynamic Web project
Create an EJB project
Create a Connector project
Create a Java EE application client project
Create a deployable web project.
Create a JPA project
Create a project...
Import projects...
Outline
There is no active editor that provides an outline.
Markers
Properties
Servers
Data Source Explorer
Snippets
Terminal
0 items
Description
Resource
Path
Location
Type

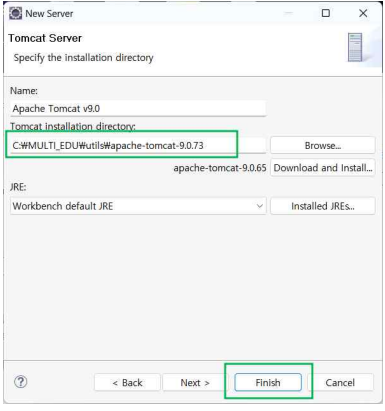
다국어 지원 언어 설정

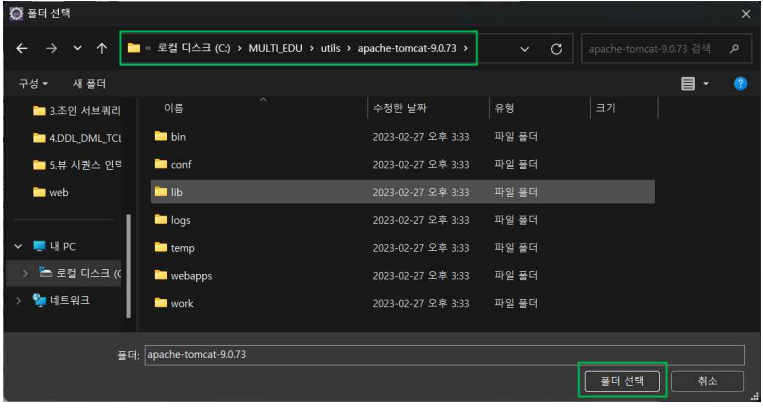

Preferences
type filter text
Run/Debug
Server
Terminal
TextMate
Validation
Version Control (
Web
Client-side Jav
CSS Files
HTML Files
JavaScript
JavaServer Face
JSP Files
Web Page Edit
Web Services
XML
XML (Wild Web D
YAML (Wild Web
CSS Files
Creating files
Add this suffix (if not specified): css
The following encoding will apply:
Encoding: Korean, EUC-KR
IANA:
ISO 10646/Unicode(UTF-8)
ISO 10646/Unicode(UTF-16) Big Endian
ISO 10646/Unicode(UTF-16BE) Big Endian
ISO 10646/Unicode(UTF-16LE) Little Endian
US ASCII
ISO Latin-1
ISO Latin-9
Central/East European (Slavic)
Southern European
Arabic, Logical
Arabic
Chinese, National Standard
Traditional Chinese, Big5
Cyrillic, ISO-8859-4
Cyrillic, ISO-8859-5
Greek
Hebrew, Visual

톰캣서버 등록

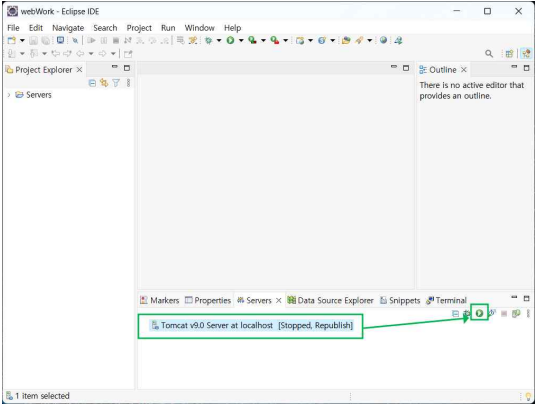

webWork - Eclipse IDE
File Edit Navigate Search Project Run Window Help
Project Explorer
There are no projects in your workspace.
To add a project:
Create a Maven project
Create a Java EE EAR project
Create a Dynamic Web project
Create an EJB project
Create a Connector project
Create a Java EE application client project
Create a deployable web project
Create a JPA project
Create a project...
Import projects...
Outline
There is no active editor that provides an outline.
Markers Properties Servers Data Source Explorer Snippets Terminal
No servers are available. Click this link to create a new server...
0 items selected


New Server
Define a New Server
Choose the type of server to create
Select the server type:
type filter text
Apache
Geronimo Core Feature
Geronimo v1.0 Server Adapter
Geronimo v1.1.x Server Adapter
Geronimo v2.0 Server Adapter
Geronimo v2.1 Server Adapter
Geronimo v2.2 Server Adapter
Geronimo v3.0 Server Adapter
Tomcat v3.2 Server
Tomcat v4.0 Server
Tomcat v4.1 Server
Tomcat v5.0 Server
Tomcat v5.5 Server
Tomcat v6.0 Server
Tomcat v7.0 Server
Tomcat v8.0 Server
Tomcat v8.5 Server
Tomcat v9.0 Server
Tomcat v10.0 Server
Tomcat v10.1 Server
Publishes and runs J2EE and Java EE Web projects and server configurations to a local Tomcat server.
Server's host name:
localhost
Server name:
Tomcat v9.0 Server at localhost
< Back
Next >
Finish
Cancel


New Server
Tomcat Server
Specify the installation directory
Name:
Apache Tomcat v9.0
Tomcat installation directory:
C:₩MULTI_EDU₩utils₩apache-tomcat-9.0.73
Browse...
apache-tomcat-9.0.65
Download and Install...
JRE:
Workbench default JRE
Installed JREs...
< Back
Next >
Finish
Cancel


폴더 선택
로컬 디스크 (C:) › MULTI_EDU › utils › apache-tomcat-9.0.73 ›
apache-tomcat-9.0.73 검색
구성
새 폴더
3.조인 서브쿼리
4.DDL_DML_TCL
5.뷰 시퀀스 인덱
web
내 PC
로컬 디스크 (C
네트워크
이름
수정한 날짜
유형
크기
bin 2023-02-27 오후 3:33 파일 폴더
conf 2023-02-27 오후 3:33 파일 폴더
lib 2023-02-27 오후 3:33 파일 폴더
logs 2023-02-27 오후 3:33 파일 폴더
temp 2023-02-27 오후 3:33 파일 폴더
webapps 2023-02-27 오후 3:33 파일 폴더
work 2023-02-27 오후 3:33 파일 폴더
폴더: apache-tomcat-9.0.73
폴더 선택
취소

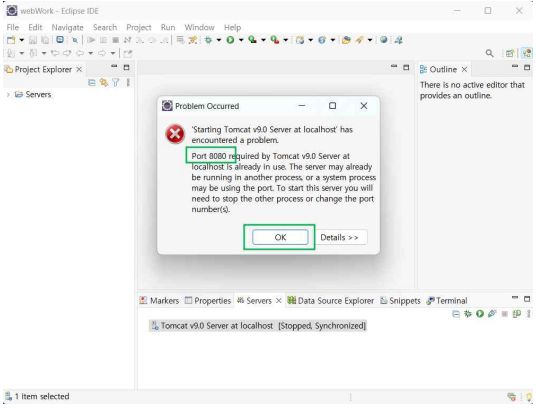
서버실행


webWork - Eclipse IDE
File Edit Navigate Search Project Run Window Help
Project Explorer
Servers
Outline
There is no active editor that provides an outline.
Markers Properties Servers Data Source Explorer Snippets Terminal
Tomcat v9.0 Server at localhost [Stopped, Republish]
1 item selected

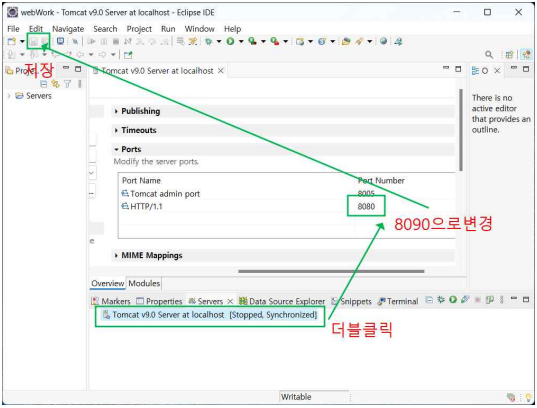
방화벽 액세스 허용

Windows 보안 경고
Windows Defender 방화벽에서 이 앱의 일부 기능을 차단했습니다.
모든 공용 네트워크 및 개인 네트워크에서 Windows Defender 방화벽이 eclipse.exe의 일부 기능을 차단했습니다.
이름(N): eclipse.exe
게시자(P): 알 수 없음
경로(H): C:₩multi_edu₩utils₩eclipse₩eclipse.exe
다음 네트워크에서 eclipse.exe의 통신 허용:
홈 네트워크, 회사 네트워크 등의 개인 네트워크(R)
공항, 커피숍 등의 공용 네트워크(U)(공용 네트워크는 보안 수준이 낮거나 보안 기술이 적용되지 않은 경우가 많으므로 권장되지 않음)
방화벽을 통한 앱 액세스 허용의 위험성
액세스 허용(A)
취소

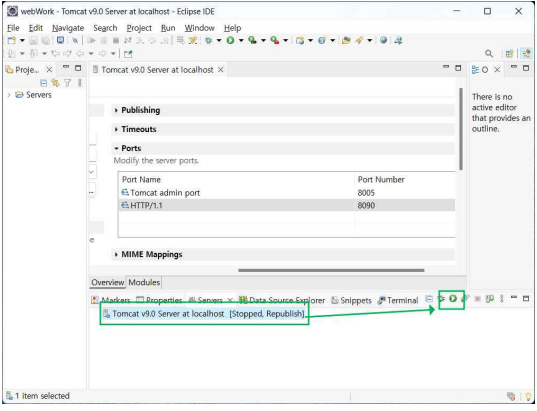
포트충돌 : 오라클이 선점

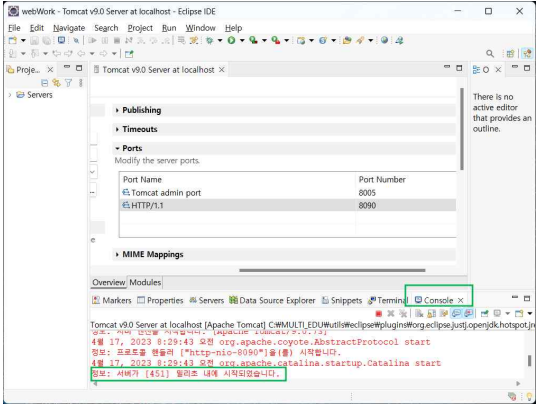

webWork - Eclipse IDE
File Edit Navigate Search Project Run Window Help
Project Explorer
Servers
Outline
There is no active editor that provides an outline.
Problem Occurred
'Starting Tomcat v9.0 Server at localhost' has encountered a problem.
Port 8080 required by Tomcat v9.0 Server at localhost is already in use. The server may already be running in another process, or a system process may be using the port. To start this server you will need to stop the other process or change the port number(s).
OK
Details >>
Markers Properties Servers Data Source Explorer Snippets Terminal
Tomcat v9.0 Server at localhost [Stopped, Synchronized]
1 item selected

포트변경

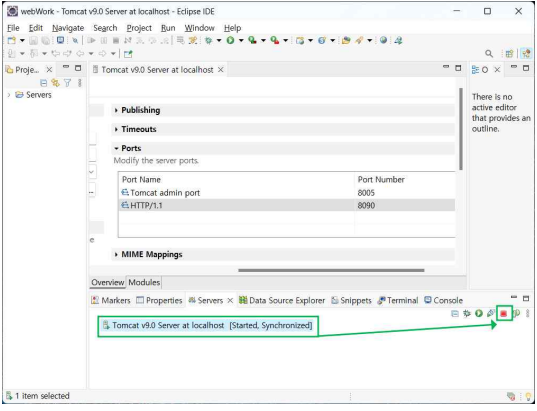

webWork - Tomcat v9.0 Server at localhost - Eclipse IDE
File Edit Navigate Search Project Run Window Help
저장
Servers
Tomcat v9.0 Server at localhost
Publishing
Timeouts
Ports
Modify the server ports.
Port Name
Port Number
Tomcat admin port
8005
HTTP/1.1
8080
8090으로변경
MIME Mappings
There is no active editor that provides an outline.
Overview Modules
Markers Properties Servers Data Source Explorer Snippets Terminal
Tomcat v9.0 Server at localhost [Stopped, Synchronized]
더블클릭
Writable

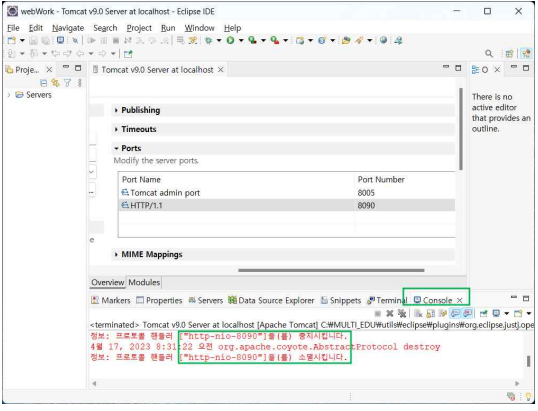
서버실행


webWork - Tomcat v9.0 Server at localhost - Eclipse IDE
File Edit Navigate Search Project Run Window Help
Proje...
Servers
Tomcat v9.0 Server at localhost
Publishing
Timeouts
Ports
Modify the server ports.
Port Name
Port Number
Tomcat admin port
8005
HTTP/1.1
8090
MIME Mappings
Overview
Modules
There is no active editor that provides an outline.
Markers
Properties
Servers
Data Source Explorer
Snippets
Terminal
Tomcat v9.0 Server at localhost [Stopped, Republish]
1 item selected

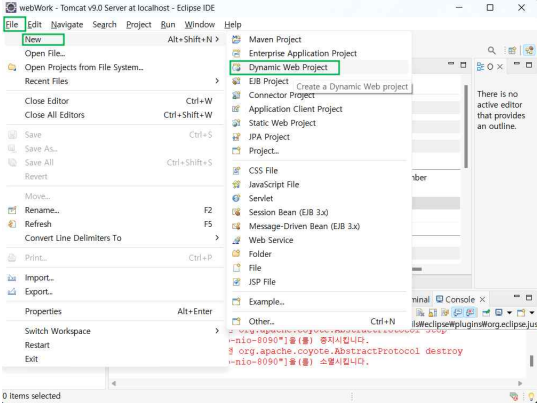

webWork - Tomcat v9.0 Server at localhost - Eclipse IDE
File Edit Navigate Search Project Run Window Help
Proje...
Servers
Tomcat v9.0 Server at localhost
Publishing
Timeouts
Ports
Modify the server ports.
Port Name
Port Number
Tomcat admin port
8005
HTTP/1.1
8090
MIME Mappings
Overview
Modules
There is no active editor that provides an outline.
Markers
Properties
Servers
Data Source Explorer
Snippets
Console
Tomcat v9.0 Server at localhost [Apache Tomcat] C:₩MULTI_EDU₩utils₩eclipse₩plugIns₩org.eclipse.justj.openjdk.hotspot.jr
4월 17, 2023 8:29:43 오전 org.apache.coyote.AbstractProtocol start
정보: 프로토콜 핸들러 ["http-nio-8090"]을(를) 시작합니다.
4월 17, 2023 8:29:43 오전 org.apache.catalina.startup.Catalina start
정보: 서버가 [451] 밀리초 내에 시작되었습니다.

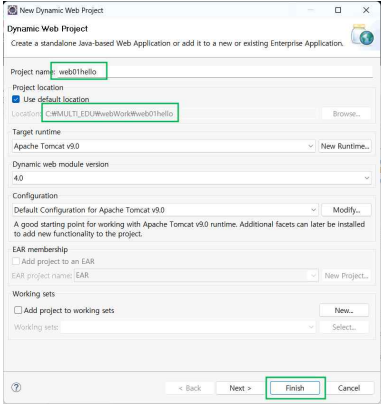
서버중지


webWork - Tomcat v9.0 Server at localhost - Eclipse IDE
File Edit Navigate Search Project Run Window Help
Proje...
Servers
Tomcat v9.0 Server at localhost
Publishing
Timeouts
Ports
Modify the server ports.
Port Name
Port Number
Tomcat admin port
8005
HTTP/1.1
8090
MIME Mappings
Overview
Modules
There is no active editor that provides an outline.
Markers
Properties
Servers
Data Source Explorer
Snippets
Terminal
Console
Tomcat v9.0 Server at localhost [Started, Synchronized]
1 item selected

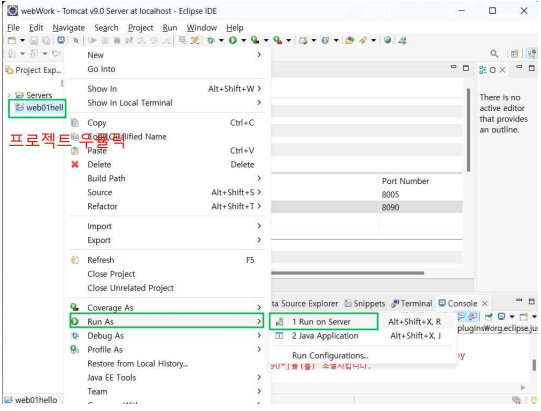

webWork - Tomcat v9.0 Server at localhost - Eclipse IDE
File Edit Navigate Search Project Run Window Help
Proje...
Servers
Tomcat v9.0 Server at localhost
Publishing
Timeouts
Ports
Modify the server ports.
Port Name
Port Number
Tomcat admin port
8005
HTTP/1.1
8090
MIME Mappings
Overview
Modules
There is no active editor that provides an outline.
Markers
Properties
Servers
Data Source Explorer
Snippets
Terminal
Console
<terminated> Tomcat v9.0 Server at localhost [Apache Tomcat] C:₩MULTI_EDU₩utils₩eclipse₩plugins₩org.eclipse.justj.ope
정보: 프로토콜 핸들러 ["http-nio-8090"]을(를) 정지시킵니다.
4월 17, 2023 3:31:22 오전 org.apache.coyote.AbstractProtocol destroy
정보: 프로토콜 핸들러 ["http-nio-8090"]을(를) 소멸시킵니다.

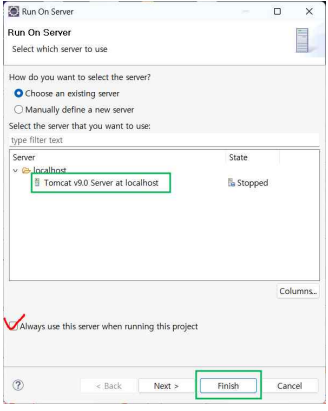
다이나믹 웹 프로젝트 생성



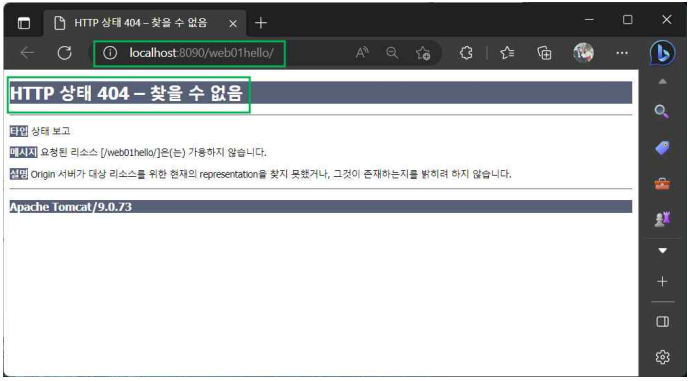

New Dynamic Web Project
Dynamic Web Project
Create a standalone Java-based Web Application or add it to a new or existing Enterprise Application.
Project name: web01hello
Project location
Use default location
Location: C:₩MULTI_EDU₩webWork₩web01hello
Browse...
Target runtime
Apache Tomcat v9.0
New Runtime...
Dynamic web module version
4.0
Configuration
Default Configuration for Apache Tomcat v9.0
Modify...
A good starting point for working with Apache Tomcat v9.0 runtime. Additional facets can later be installed to add new functionality to the project.
EAR membership
Add project to an EAR
EAR project name: EAR
New Project...
Working sets
Add project to working sets
New...
Working sets:
Select...
< Back
Next >
Finish
Cancel

프로젝트 서버구동

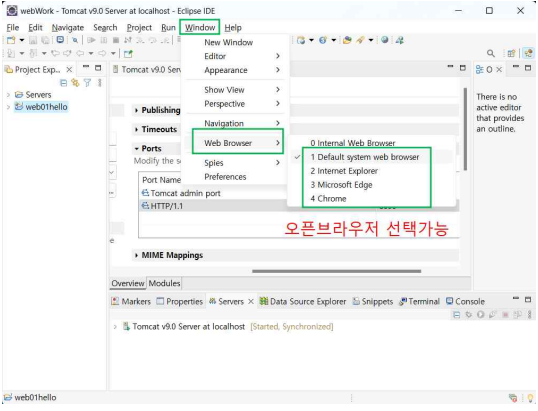

webWork - Tomcat v9.0 Server at localhost - Eclipse IDE
File Edit Navigate Search Project Run Window Help
Project Exp...
Servers
web01hell
프로젝트 우클릭
New
Go Into
Show In Alt+Shift+W
Show In Local Terminal
Copy Ctrl+C
Copy Qualified Name
Paste Ctrl+V
Delete Delete
Build Path
Source Alt+Shift+S
Refactor Alt+Shift+T
Import
Export
Refresh F5
Close Project
Close Unrelated Project
Coverage As
Run As
Debug As
Profile As
Restore from Local History...
Java EE Tools
Team
1 Run on Server Alt+Shift+X, R
2 Java Application Alt+Shift+X, J
Run Configurations...
There is no active editor that provides an outline.
Port Number
8005
8090
Source Explorer
Snippets
Terminal
Console
web01hello


Run On Server
Run On Server
Select which server to use
How do you want to select the server?
Choose an existing server
Manually define a new server
Select the server that you want to use:
type filter text
Server
State
localhost
Tomcat v9.0 Server at localhost
Stopped
Columns...
Always use this server when running this project
< Back
Next >
Finish
Cancel

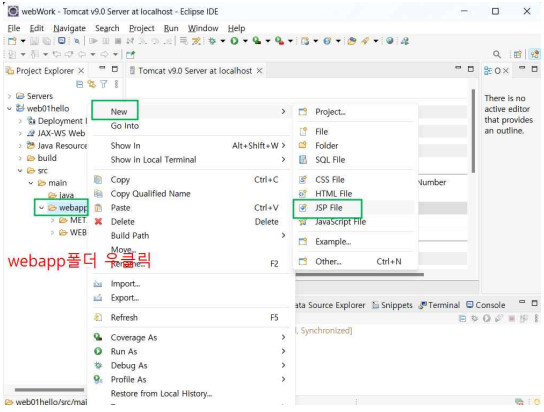
웰컴페이지 없어서 404 오류

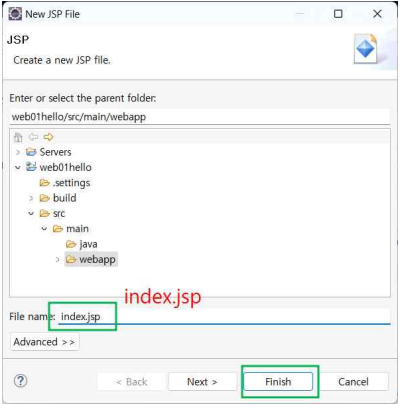


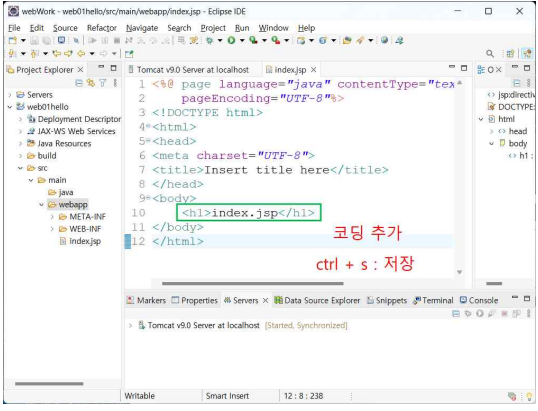
오픈브라우저 선택설정

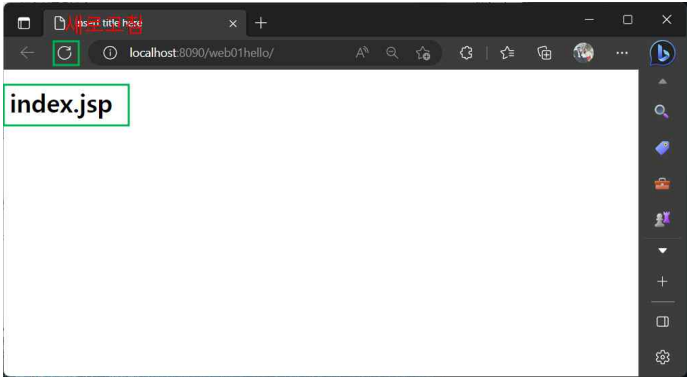

webWork - Tomcat v9.0 Server at localhost - Eclipse IDE
File Edit Navigate Search Project Run Window Help
New Window
Editor
Appearance
Show View
Perspective
Navigation
Web Browser
Spies
Preferences
0 Internal Web Browser
1 Default system web browser
2 Internet Explorer
3 Microsoft Edge
4 Chrome
Project Exp...
Servers
web01hello
Tomcat v9.0 Ser
Publishing
Timeouts
Ports
Port Name
Tomcat admin port
HTTP/1.1
There is no active editor that provides an outline.
오픈브라우저 선택가능
MIME Mappings
Overview Modules
Markers Properties Servers Data Source Explorer Snippets Terminal Console
Tomcat v9.0 Server at localhost [Started, Synchronized]
web01hello

웹컴 파일 생성

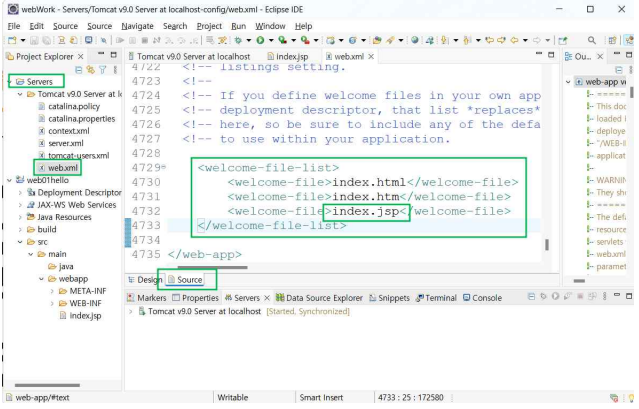

webWork - Tomcat v9.0 Server at localhost - Eclipse IDE
File Edit Navigate Search Project Run Window Help
Project Explorer
Tomcat v9.0 Server at localhost
Servers
web01hello
Deployment I
JAX-WS Web
Java Resource
build
src
main
Java
webapp
MET
WEB
New
Go Into
Show In Alt+Shift+W
Show In Local Terminal
Copy Ctrl+C
Copy Qualified Name
Paste Ctrl+V
Delete Delete
Build Path
Move...
Rename... F2
Import...
Export...
Refresh F5
Coverage As
Run As
Debug As
Profile As
Restore from Local History...
Project...
File
Folder
SQL File
CSS File
HTML File
JSP File
JavaScript File
Example...
Other... Ctrl+N
webapp폴더 우클릭
There is no active editor that provides an outline.
Snippets
Terminal
Console
web01hello/src/mai


New JSP File
JSP
Create a new JSP file.
Enter or select the parent folder:
web01hello/src/main/webapp
Servers
web01hello
.settings
build
src
main
java
webapp
index.jsp
File name: index.jsp
Advanced >>
< Back
Next >
Finish
Cancel


webWork - web01hello/src/main/webapp/index.jsp - Eclipse IDE
File Edit Source Refactor Navigate Search Project Run Window Help
Project Explorer
Servers
web01hello
Deployment Descriptor
JAX-WS Web Services
Java Resources
build
src
main
java
webapp
META-INF
WEB-INF
index.jsp
Tomcat v9.0 Server at localhost
index.jsp
1 <%@ page language="java" contentType="tex
2 pageEncoding="UTF-8"%>
3 <!DOCTYPE html>
4 <html>
5 <head>
6 <meta charset="UTF-8">
7 <title>Insert title here</title>
8 </head>
9 <body>
10 <h1>index.jsp</h1>
11 </body>
12 </html>
코딩 추가
ctrl + s : 저장
DOCTYPE:
html
head
body
h1 :
Markers Properties Servers Data Source Explorer Snippets Terminal Console
Tomcat v9.0 Server at localhost [Started, Synchronized]
Writable
Smart Insert
12 : 8 : 238


Insert title here
localhost:8090/web01hello/
index.jsp

웰컴파일 목록 확인


webWork - Servers/Tomcat v9.0 Server at localhost-config/web.xml - Eclipse IDE
File Edit Source Source Navigate Search Project Run Window Help
Project Explorer
Servers
Tomcat v9.0 Server at l
catalina.policy
catalina.properties
context.xml
server.xml
tomcat-users.xml
web.xml
web0Thello
Deployment Descriptor
JAX-WS Web Services
Java Resources
build
src
main
java
webapp
META-INF
WEB-INF
index.jsp
Tomcat v9.0 Server at localhost
index.jsp
web.xml
<!-- listings setting.
<!--
<!-- If you define welcome files in your own app
<!-- deployment descriptor, that list *replaces*
<!-- here, so be sure to include any of the defa
<!-- to use within your application.
<welcome-file-list>
<welcome-file>index.html</welcome-file>
<welcome-file>index.htm</welcome-file>
<welcome-file>index.jsp</welcome-file>
</welcome-file-list>
</web-app>
Design
Source
Markers
Properties
Servers
Data Source Explorer
Snippets
Terminal
Console
Tomcat v9.0 Server at localhost [Started, Synchronized]
web-app/#text
Writable
Smart Insert
4733 : 25 : 172580

감사합니다.