**Summary**

This guide provides an instruction on how to use the eGovFrame IDE.

**Step 1. Installation**

Download

1. Browse to the eGovFrame website (http://www.egovframe.go.kr/ [http://www.egovframe.go.kr/], http://www.egovframe.org/

[http://www.egovframe.org/], http://www.egovframe.kr/ [http://www.egovframe.kr/]), sign in, and choose Download > Development Environment.

2. Choose the desired development environment.

3.Download and unarchive the attached file.

.







✔ Installing to C: or D: is recommended.

**Running the IDE**

1. Run Eclipse (eclipse.exe).

✔ If “Fail to create Java Virtual Machine” error occurs, you must set the JVM path inside the eclipse.ini file within the installed directory.

Also, Java version1.5 or higher must be installed before using the IDE.

1. Choose the unzipped eGovFrame workspace from earlier when the Workspace Launcher popup shows up.

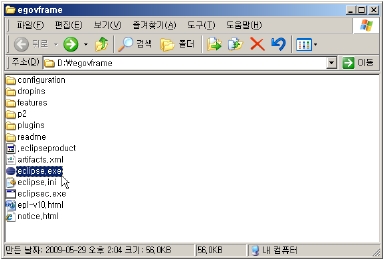
✔ The eGovFrame-related settings should be already preset in your downloaded Eclipse, so it is advantageous to stick with the default path (C:\eGovFrameDev-2.0.0\workspace) for smooth running.

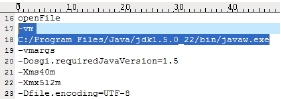
**Switching the Perspective**

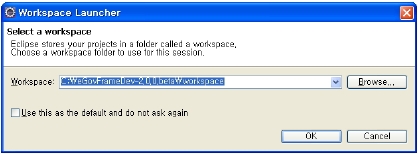
1. Once Eclipse launches successfully, ensure that the Perspective on top-right corner is set correctly to eGovFrame.

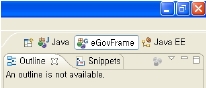
✔ If it is not the case, perform the following:











Click on the textless icon leftmost to the Perspectives, and choose "Other... > Open Perspective > eGovFrame".

**Step 2. Creating and running a project**

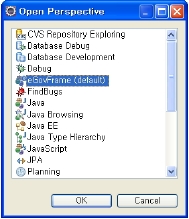
**Creating a project**

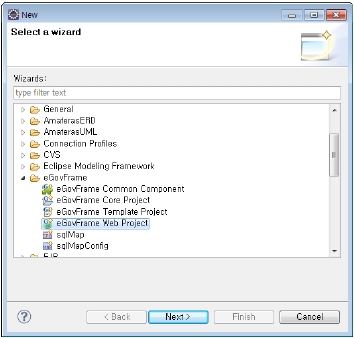
1. Choose "File > New > eGovFrame Web Project" from the Menu bar.

Or, press Ctrl+N to open the New... Wizard, and choose eGovFrame > eGovFrame Web Project, and click the "Next" button.

. Enter the project name and Maven settings, and then click the"Next" button.







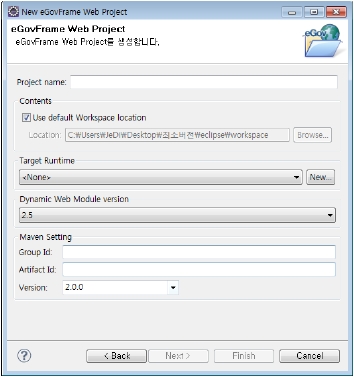


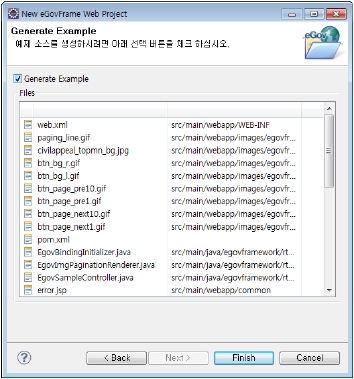
3. Check the Generate Example checkbox, and click the "Finish" button

**Server** **installation**

Try installing the Tomcat server.

1 Right-click on the Servers tab on the bottom of the Eclipse application, and choose New > Server.



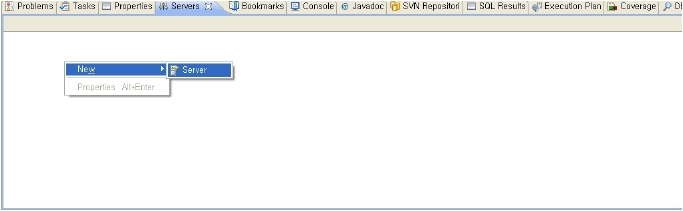


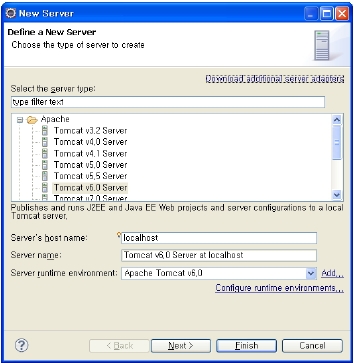


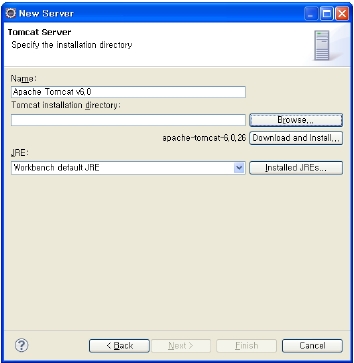
2. Choose Apache > Tomcat v6.0 Server, then click the "next" button, choose the "Download and Install" button to complete server installation.

**Running the project**

11. Right-click on the project to run, and choose Run As > Run on Server.

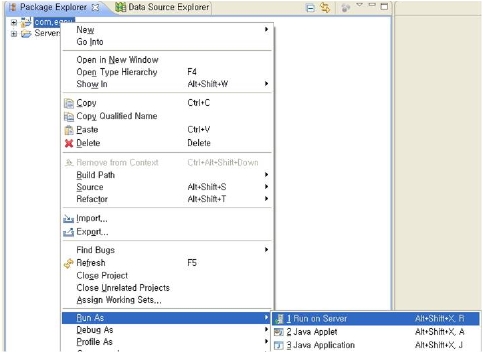


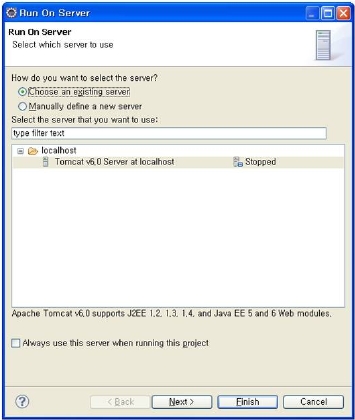






2. Check the "Choose an existing server" radio button, select the server you have installed earlier, and then click the "Next" button to add the project.







3. Make sure that you get the Basic Board List up and running as below.

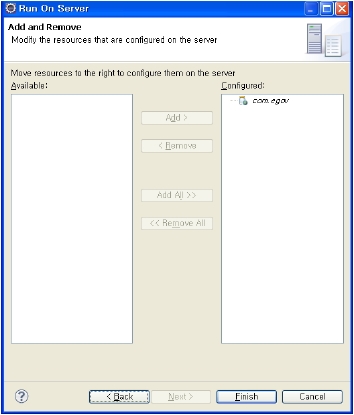
✔ If the “Could not open JDBC Connection for transaction” error message pops up, connect to the HSQLDB, referring to the HSQLDB settings guide to connect to HSQLDB.

**Other** **settings**

Changing the DB information

The eGovFrame supports MySQL, Oracle, Altibase, and Tibero databases. This guide will run you through an example of how to configure MySQL database information.

1. Change the sql-map-config.xml file to tweak the database info of your project



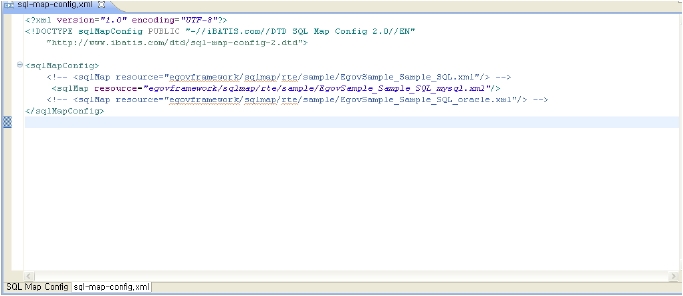


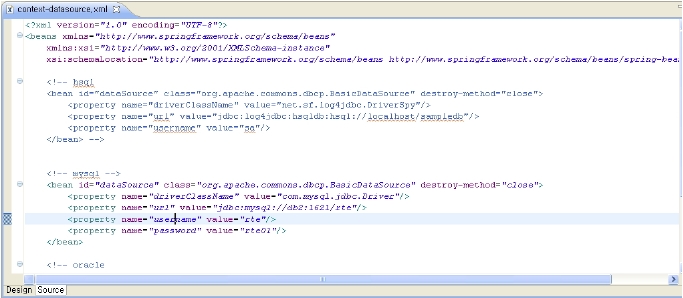


2. Change the context-datasource.xml file as below and enter your database information.

3. Add the following dependency to the pom.xml file as below.

4. Right-click on the project, and choose "Run As > Maven install.









**Connecting to the Data Source Explorer**

Refer to the Guideline for the connecting to the Data Source Explorer.

Multi-language support

✔ ✔In order to switch over the language setting to English, modify the eclipse.ini file as below

-Duser.language=en

-Duser.country=US

✔ Switch over the language setting as below if you want to use the Korean display settings.

-Duser.language=ko

-Duser.country=KR

