

eGovJDBC Appender Code Gen

Summary

The “ EgovJDBCAppender Configuration” , an e- government extention Appender, can be easily prepared by using Code Generation.

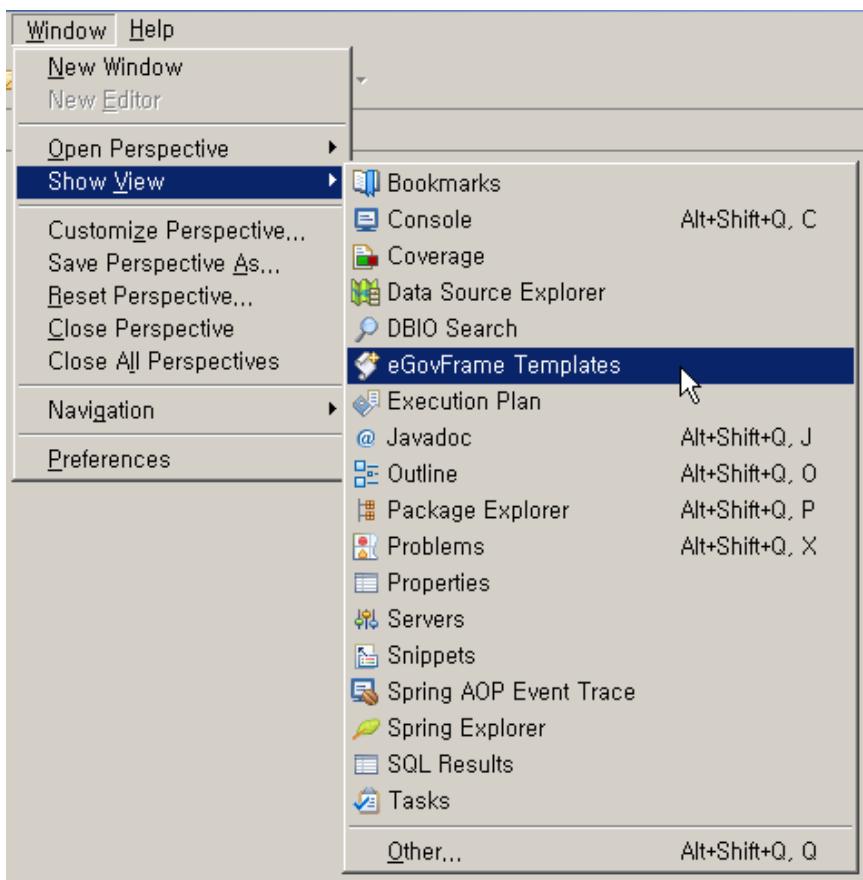
Description

For details on eGovJDBC Appender Configuration, refer to the following execution environment guide.

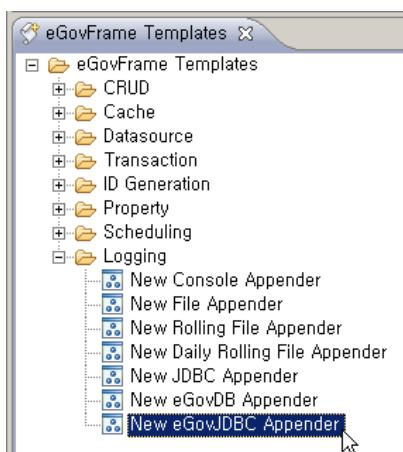
- [Execution Environment Logging Configuration Guide](#)

Manual

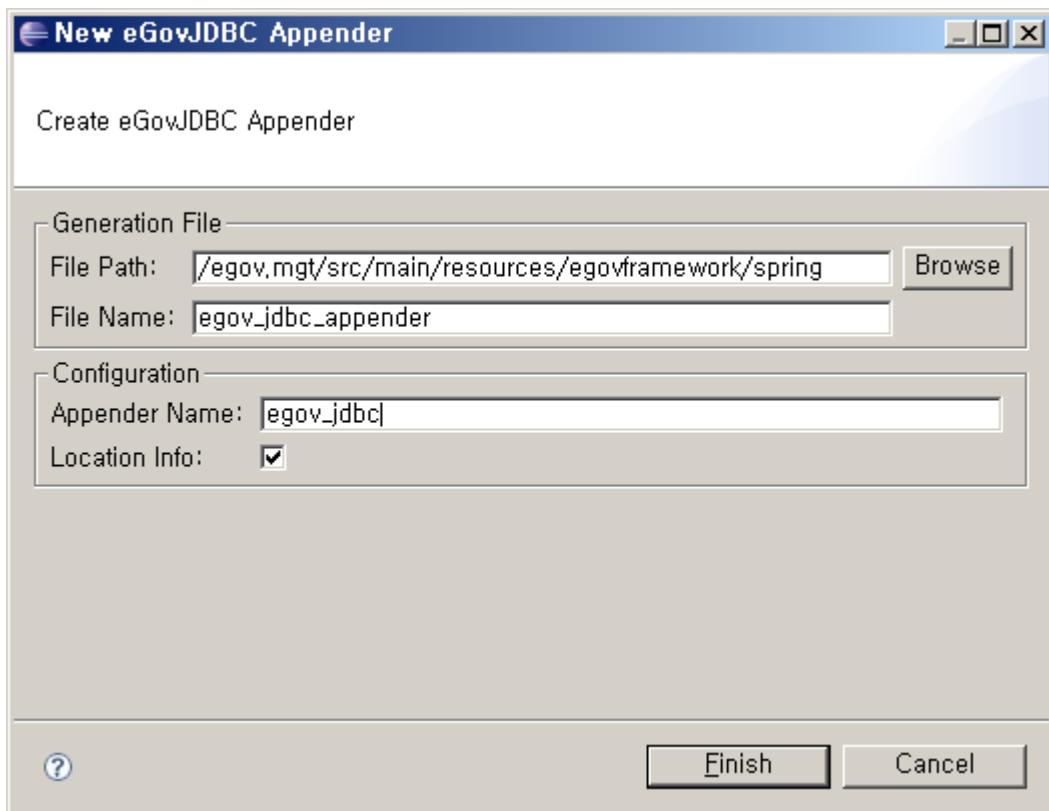
1. Show Template : Select Window>Show View>eGovFrame Templates.



2. Select the template of configuration to prepare.



3. On the screen UI, enter the needed items and click Finish button.



4. Check the created configuration file.

The screenshot shows a code editor window with the title "egov_jdbc_appender.xml". The content of the file is a valid XML configuration for Log4j, specifically for an eGov JDBC appender. The XML includes declarations for the XML version, character encoding, and the Log4j configuration system. It defines an appender named "egov_jdbc" of class "egovframework.rte.fdl.logging.db.EgovJDBCAppender". The appender uses an SQL query ("INSERT INTO logging_event") to store log data. The configuration also includes a logger for "org.springframework" with additivity set to "false", which refers to the "egov_jdbc" appender. A root logger is also defined with a level of "OFF" and a reference to the "egov_jdbc" appender.

```
<?xml version="1.0" encoding="UTF-8" ?>
<!DOCTYPE log4j:configuration SYSTEM "log4j.dtd">
<log4j:configuration xmlns:log4j='http://jakarta.apache.org/log4j/'>

    <appender name="egov_jdbc"
              class="egovframework.rte.fdl.logging.db.EgovJDBCAppender">
        <!-- caller_filename, caller_class, caller_method, caller_line -->
        <param name="locationInfo" value="true" />
        <param name="sql"
               value="INSERT INTO logging_event (
                           sequence_number, timestamp, rendered_message,
                           logger_name, level_string, ndc,
                           thread_name, reference_flag,
                           caller_filename, caller_class,
                           caller_method, caller_line)
                           VALUES
                           ('%X{sequence_number}', '%X{timestamp}', '%X{rendered_message}',
                           '%X{logger_name}', '%X{level_string}', '%X{ndc}',
                           '%X{thread_name}', '%X{reference_flag}',
                           '%X{caller_filename}', '%X{caller_class}',
                           '%X{caller_method}', '%X{caller_line}')"/>
    </appender>

    <logger name="org.springframework" additivity="false">
        <level value="DEBUG" />
        <appender-ref ref="egov_jdbc" />
    </logger>

    <root>
        <level value="OFF" />
        <appender-ref ref="egov_jdbc" />
    </root>
</log4j:configuration>
```

At the bottom of the code editor, there are tabs for "Design" and "Source", with "Source" being the active tab.