

Common Component Configuration

Configuration of web.xml and context-egovuserdetailshelper.xml

The web.xml included in the source code only includes the elements that are commonly applied to all components. The components that requires additional configuration are distributed in the file that contains additional elements with the web.xml. In using these components, the relevant file should be changed to be included in the web.xml. The component that requires this configuration is as below.

All configuration is distributed as annotation on the web.xml and context-egovuserdetailshelper.xml (src/main/resources/egovframework/spring/com/context-egovuserdetailshelper.xml) and you can release the annotation in using the component (log-in and authority management component, etc.)

When the annotation is released without installing the relevant component, there can be ClassNotFoundException error. Moreover, the web.xml filter should be in the numerical order on the annotation scrip and when this order is changed, there might be errors.

1. When it includes the login policy management component

The annotation of following part of web.xml can be released.

```
<filter>
  <filter-name>LoginPolicyFilter</filter-name>
  <filter-class>egovframework.com.uat.uap.filter.EgovLoginPolicyFilter</filter-class>
</filter>
<filter-mapping>
  <filter-name>LoginPolicyFilter</filter-name>
  <url-pattern>/uat/uia/actionLogin.do</url-pattern>
</filter-mapping>
```

2. When it includes the authority related component (Spring Security)

The Spring Security related configuration should be included. The *context-security.xml* file should be existent under the src/main/resources/egovframework/spring/com folder.

1) Revise context-egovuserdetailshelper.xml: After releasing the annotation of the govUserDetailsSecurityService bean configuration as below, register the egovUserDetailsSecurityService bean to the egovUserDetailsService property of the egovUserDetailsHelper bean.

```
<!--The service class to confirm user's LoginVO, authority and certification -->
<bean id="egovUserDetailsHelper" class="egovframework.com.cmm.util.EgovUserDetailsHelper">
  <property name="egovUserDetailsService">
    <!-- Apply the intended bean id to below ref tag -->
    <ref bean="egovUserDetailsSecurityService" />
  </property>
</bean>

<!-- 0. The bean that uses certification (dummy) for test excluding the session/security -->
<!--<bean id="egovTestUserDetailsService"
class="egovframework.com.cmm.service.impl.EgovTestUserDetailsServiceImpl"/>-->

<!-- 1. The bean that uses the certification uses the session -->
<!--<bean id="egovUserDetailsServiceSessionService"
class="egovframework.com.cmm.service.impl.EgovUserDetailsServiceSessionServiceImpl"/>-->

<!-- 2. The bean that uses the certification that uses Security -->
<bean id="egovUserDetailsServiceSecurityService"
class="egovframework.com.sec.ram.service.impl.EgovUserDetailsServiceSecurityServiceImpl"/>
```

2) Revise web.xml: The annotation in below configuration should be released. For EgovSpringSecurityLoginFilter filter, the screen is input as a parameter from the user when the login certification is failed. In login failure to the loginURL parameter value, input returning url route.

```

    <!-- 1. Spring Security Filter Configuration-->
<filter>
  <filter-name>springSecurityFilterChain</filter-name>
  <filter-class>org.springframework.web.filter.DelegatingFilterProxy</filter-class>
</filter>
<filter-mapping>
  <filter-name>springSecurityFilterChain</filter-name>
  <url-pattern>/*</url-pattern>
</filter-mapping>

<listener>
  <listener-class>org.springframework.security.ui.session.HttpSessionEventPublisher</listener-
class>
</listener>

    <!-- 2. Filter Configuration for Spring Security Logout Configuration -->
<filter>
  <filter-name>EgovSpringSecurityLogoutFilter</filter-name>
  <filter-class>egovframework.com.sec.security.filter.EgovSpringSecurityLogoutFilter</filter-
class>
</filter>
<filter-mapping>
  <filter-name>EgovSpringSecurityLogoutFilter</filter-name>
  <url-pattern>/uat/uia/actionLogout.do</url-pattern>
</filter-mapping>

    <!-- 2. Filter Configuration for Spring Security Login Configuration -->

<filter>
  <filter-name>EgovSpringSecurityLoginFilter</filter-name>
  <filter-class>egovframework.com.sec.security.filter.EgovSpringSecurityLoginFilter</filter-
class>
  <init-param>
    <description>Returning URL configuration in login failure </description>
    <param-name>loginURL</param-name>
    <param-value>/uat/uia/egovLoginUsr.do</param-value>
  </init-param>
</filter>
<filter-mapping>
  <filter-name>EgovSpringSecurityLoginFilter</filter-name>
  <url-pattern>*.do</url-pattern>
</filter-mapping>

```

3. In maintaining certification using the session without Spring Security

1) Revise context-egovuserdetailshelper.xml: Release the annotation of egovUserDetailsService bean configuration as below and register the egovUserDetailsService bean to the egovUserDetailsService property of the egovUserDetailsHelper bean.

```

<!-- The service class to confirm user's LoginVO, authority and certification -->
<bean id="egovUserDetailsHelper" class="egovframework.com.cmm.util.EgovUserDetailsHelper">
  <property name="egovUserDetailsService">
    <!-- Apply the intended bean id to below ref tag -->
    <ref bean="egovUserDetailsService" />
  </property>
</bean>

<!-- 0. The bean that uses certification (dummy) for test excluding the session/security 빈 -->

```

```

    <!--<bean id="egovTestUserDetailsService"
class="egovframework.com.cmm.service.impl.EgovTestUserDetailsServiceImpl"/>-->

    <!-- 1. The bean that uses the certification uses the session -->
    <bean id="egovUserDetailsService"
class="egovframework.com.cmm.service.impl.EgovUserDetailsServiceImpl"/>

    <!-- 2. The bean that uses the certification that uses Security -->
    <!--<bean id="egovUserDetailsService"
class="egovframework.com.sec.ram.service.impl.EgovUserDetailsServiceImpl"/>-->

```

2) Revise web.xml: Use as default without revision

Data Source configuration

The DB related configuration of context-datasource.xml is all processed as variables and the globals.properties (src/main/resources/egovframework/egovProps/globals.properties) should be revised for the actual configuration content. Initial status is set as mysql DB. Therefore, configure the DB used in DbType and the DriverClassName, URL of the relevant DB. Lastly, configure the Username and Password.

```

# DB Server Type (ORACLE, MYSQL) – used in designating datasource and sqlMap file
Globals.DbType = mysql

```

```

# Call database related configuration in using Wizard
#mysql
Globals.DriverClassName=net.sf.log4jdbc.DriverSpy
Globals.Url=jdbc:mysql://127.0.0.1:1621/egovfrm

```

```

#oracle
#Globals.DriverClassName=oracle.jdbc.driver.OracleDriver
#Globals.Url=jdbc:oracle:thin:@127.0.0.1:1521:egovfrm

```

```

#Altibase
#Globals.DriverClassName=Altibase.jdbc.driver.AltibaseDriver
#Globals.Url=jdbc:Altibase://127.0.0.1:1721/egovfrm?encoding=UTF-8

```

```

#Tibero
#Globals.DriverClassName=com.tmax.tibero.jdbc.TbDriver
#Globals.Url=jdbc:tibero:thin:@127.0.0.1:1821:egovfrm

```

```

#DB account ID/PWconfiguration
Globals.UserName = ID
Globals.Password = PW

```

When the database is changed, you need to configure the dependency of pom.xml to the jdbc driver. In case of the 3rd party library, insert the library to the local repository or get the download by composing the Nexus server. For detailed configuration of the Nexus, refer to [Nexus](#) page of the development environment.

<EXAMPLE>

```

<!-- mysql -->
<dependency>
    <groupId>mysql</groupId>
    <artifactId>mysql-connector-java</artifactId>
    <version>5.1.17</version>
</dependency>
<!-- oracle 10g driver -->
<dependency>
    <groupId>ojdbc</groupId>
    <artifactId>ojdbc</artifactId>

```

```
        <version>14</version>
</dependency>
<!-- altibase driver -->
<dependency>
    <groupId>altibase</groupId>
    <artifactId>altibase-jdbc-driver</artifactId>
    <version>5.1.3.18</version>
</dependency>
<!-- tiberio driver -->
<dependency>
    <groupId>com.tmax.tiberio</groupId>
    <artifactId>tiberio-jdbc</artifactId>
    <version>3.0</version>
</dependency>
```