

## **DataSource Transaction Code Gen**

### **Summary**

The “ Local Transaction Management Configuration Using DataSource” can be easily prepared by using Code Generation.

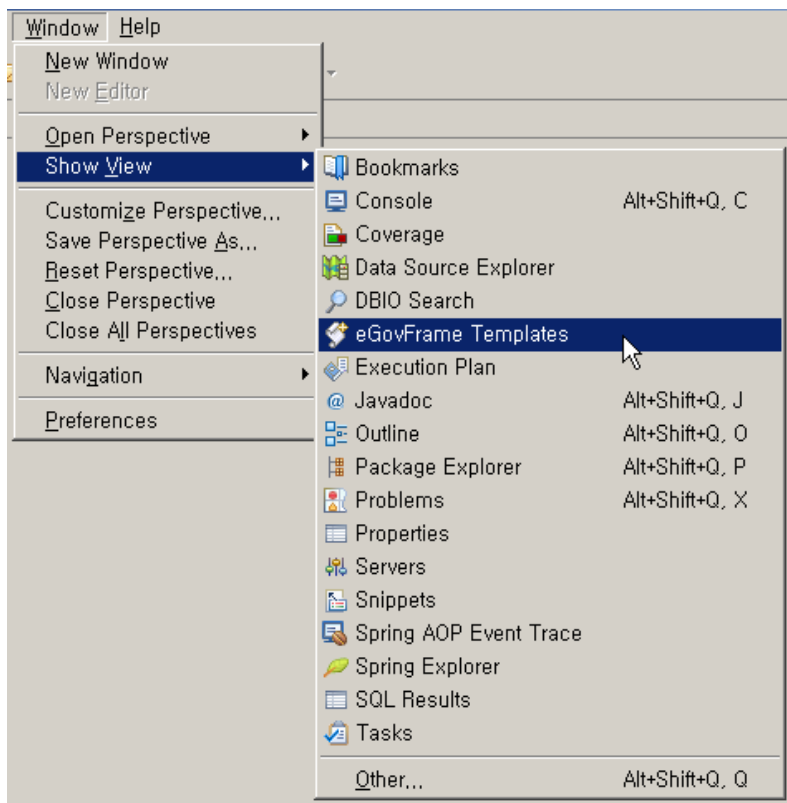
### **Description**

For description on DataSource Transaction Configuration, refer to the following execution environment guide.

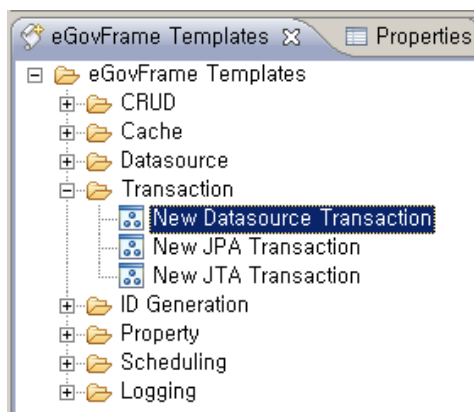
- [Execution Environment Transaction Configuration Guide](#)

### **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.

**New DataSource Transaction**

Create DataSource Transaction

Generation File

File Path:

File Name:

Transaction Bean

Transaction Name:

DataSource Name:

Transaction Management

Annotation Transaction Management:

Configurational Transaction Management:

Transaction Management(Transaction Template)

TransactionTemplate:

TransactionTemplate Name:

**New DataSource Transaction**

Configurational Transaction Management

AOP Config

PointCut Name:

PointCut Expression:

Advice

Advice Name:

Method

Method Name:

read-only:

timeout:

rollback-for:

no-rollback-for:

isolation:

propagation:

4. Check the created configuration file.

```
jndi_datasource.xml  datasource_transaction.xml
<beans xmlns="http://www.springframework.org/schema/beans"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xmlns:aop="http://www.springframework.org/schema/aop"
xmlns:tx="http://www.springframework.org/schema/tx"
xsi:schemaLocation="http://www.springframework.org/schema/beans http://www.springframework.org/schema/beans
http://www.springframework.org/schema/tx http://www.springframework.org/schema/tx/spring-tx-2.5.xsd
http://www.springframework.org/schema/aop http://www.springframework.org/schema/aop/spring-aop-2.0.xsd">

<bean id="egov_trx" class="org.springframework.jdbc.datasource.DataSourceTransactionManager">
  <property name="dataSource" ref="C3PO_Datasource"/>
</bean>

<aop:config>
  <aop:pointcut id="requiredTx" expression="execution(* egovframework.sample..impl.*Impl.*(..))"/>
  <aop:advisor advice-ref="txAdvice" pointcut-ref="requiredTx" />
</aop:config>

<tx:advice id="txAdvice" transaction-manager="egov_trx">
  <tx:attributes>
    <tx:method name="createNoRERole" read-only="false"
      timeout="10"
      propagation="REQUIRED"
      isolation="DEFAULT"/>
  </tx:attributes>
</tx:advice>

</beans>
```

Design Source