

Property Service

1. Summary

The Property Service is provided to enhance the flexibility of system by enabling the management of information outside if frequent change of information is required or it is related to installation environment of the system. It can be used by entering the file location in the Bean setting file after entering information in external file(use **external setting file**) or entering the information to manage in the Spring Bean setting file(use **Bean setting file**).

2. Use Bean setting file

This method can be used for simple setting. Spring Bean setting file can be used without separate external file. However, property information cannot be changed during application operation. Application should be restarted for change processing. To use, enter **properties** in the Name of bean property, and enter the key to manage in the **key** of map entry, and the value to manage in **value**.

Configuration

```
<bean name="propertyService" class="egovframework.rte.fdl.property.impl.EgovPropertyServiceImpl"
destroy-method="destroy">
<property name="properties">
<map>
<entry key="AAAA" value="1234"/>
</map>
</property>
</bean>
```

Sample Source

```
@Resource(name="propertyService")
protectedEgovPropertyServicepropertyService ;

@Test
public void testPropertiesService() throws Exception {
assertEquals("1234",propertyService.getString("AAAA"));
}
```

How to Set/Use per Type of Provision

Type	How to Set	How to Use
String	key="A" value="ABC"	propertyService.getString("A")
boolean	key="B" value="true"	propertyService.getBoolean("B")
int	key="C" value="123"	propertyService.getInt("C")
long	key="D" value="123"	propertyService.getLong("D")
short	key="E" value="123"	propertyService.getShort("E")
float	key="F" value="123"	propertyService.getFloat("F")
Vector	key="G" value="123,456"	propertyService.getVector("G")

3. Usage of the External Setting File

This is a method to use by creating separate property file. The location of file is entered in Spring Bean for use. Contents of property indicated in the external setting file can be added or changed during application operation.

Configuration

```
<bean name="propertyService" class="egovframework.rte.fdl.property.impl.EgovPropertyServiceImpl"
```

```
destroy-method="destroy">
<property name="extFileName">
<set>
<map>
<entry key="encoding" value="UTF-8"/>
<entry key="filename" value="file:./src/**/refresh-resource.properties"/>
</map>
<value>classpath*:properties/resource.properties</value>
</set>
</property>
</bean>
```

- There are two setting methods such as the method of entering encoding information using MAP and the method of indicating the file location only.

Properties File

AAAA=1234

Sample Source

```
@Resource(name="propertyService")
protectedEgovPropertyServicepropertyService ;

@Test
public void testPropertiesService() throws Exception {
assertEquals("1234",propertyService.getString("AAAA"));
}
```

How to Update Real-time

1. Update the property contents indicated in external file.
2. Call `propertyService.refreshPropertyFiles()`.

4.Reference