Guideline for Migrating Runtime Environment (3.X -> 3.5)

While eGovFramework 3.5 is basically compatible with eGovFramework 3.X, you may from time to time need to modify configurations if required by Open Source Software Upgrade. Please make sure you work on testing sessions in prevention of crashes, bugs or instability.

Outlines of Upgrade

In order to upgrade for eGovFramework 3.5, you need JDK 1.7. Check out your software supporting WAS is compatible with JDK 1.7 before you execute JDK upgrade.

Refer to the following to execute the update:

1. Update execution environment library (and maven dependency as well)
2. Change iBatis configuration information following update of Spring 4

How to Upgrade

1. Modifying Execution Environment Library

1. How to upgrade when you use Maven

When you use Maven, you need to update pom.xml for upgrade. Keep in mind that you only need to update the libraries of the Package egovframework.rte into 3.5.0, as follows:

Before:

```
<dependency>
      <groupId>egovframework.rte</groupId>
      <artifactId>egovframework.rte.psl.dataaccess</artifactId>
      <version>3.0.0</version>
</dependency>
```

After:

```
<dependency>
      <groupId>egovframework.rte</groupId>
      <artifactId>egovframework.rte.psl.dataaccess</artifactId>
      <version>3.5.0</version>
</dependency>
```

When you plan to administer eGovFramework versions using Property, you'll need to update Property, or equivalent thereto, for Ver. 3.5.0.

Before:

```
<properties>
      <egovframework.rte.version>3.0.0</spring.maven.artifact.version>
</properties>
```

After:

```
<properties>
    <egovframework.rte.version>3.5.0</spring.maven.artifact.version>
</properties>
```

While your execution environment is dependent upon outside open source libraries, it is advised that you uniformly upgrade the entire execution environments. Please keep in mind and be understanding that we did not test for what happens when Ver. 3.5 and lower versions are used on a concurrent basis.

2. How to upgrade when you do not use Maven

You can download the execution environment libraries in the download menu. Note that the download takes place manually and you need to refer to pom.xml to download the libraries of proper versions that are dependent upon eGovFramework.

2. Change iBatis configuration information following update of Spring 4

In eGovFramework 3.5 you'll need to amend the configuration information as iBatis packages are no longer available in Spring 4. Go "/src/main/resources/egovframework/spring/com/context-datasource.xml" and modify the class that defines the Bean sqlMapClient.

Before:

```
<bean id="sqlMapClient" class="org.springframework.orm.ibatis.SqlMapClientFactoryBean">
```

After:

```
<bean id="sqlMapClient" class="egovframework.rte.psl.orm.ibatis.SqlMapClientFactoryBean">
```

In Times of Unforeseen Crashes

Some projects may give rise to unforeseen crashes in libraries, codes, WASs and DBs. Please do not hesitate to contact us for help by sending your project environment and error message information.