

- description :
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## Spring JAP

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### context-hibernate.xml

Tip

<property name="dataSource" ref="" /> → context-datasource.xml    JPA            DB  
 bean ID  
 <property name="packagesToScan" value="" > → values

```
<?xml version="1.0" encoding="utf-8"?>
<beans xmlns="http://www.springframework.org/schema/beans"
  xmlns:context="http://www.springframework.org/schema/context"
  xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
  xsi:schemaLocation="http://www.springframework.org/schema/beans
http://www.springframework.org/schema/beans/spring-beans-4.0.xsd
http://www.springframework.org/schema/context
http://www.springframework.org/schema/context/spring-context-4.0.xsd">

  <!--      가      EntityManager      , @PersistenceContext      -->
  <bean id="entityManagerFactory"
class="org.springframework.orm.jpa.LocalContainerEntityManagerFactoryBean">
  <property name="dataSource" ref="egov.dataSource" />
  <!--      -->
  <property name="packagesToScan" value="com" />
  <!--      -->
  <property name="jpaVendorAdapter">
    <bean
class="org.springframework.orm.jpa.vendor.HibernateJpaVendorAdapter">
```

```

        <property name="showSql" value="true" />
        <property name="generateDdl" value="true" />
    </bean>
</property>
<!-- persistence.xml          가  -->
<property name="jpaProperties">
    <props>
        <!-- <prop
key="hibernate.ejb.naming_strategy">org.hibernate.cfg.EJB3NamingStrategy</pr
op> -->
        <prop
key="hibernate.ejb.naming_strategy">org.hibernate.cfg.ImprovedNamingStrategy
</prop>
        <!-- hibernate 5          (4          )-
        <prop key="hibernate.naming.implicit-
strategy">org.hibernate.boot.model.naming.ImplicitNamingStrategyLegacyJpaImp
l</prop>
        <prop key="hibernate.naming.physical-
strategy">org.hibernate.boot.model.naming.PhysicalNamingStrategyStandardImpl
</prop>
        -->
        <prop key="hibernate.hbm2ddl.auto">validate</prop>
        <prop
key="hibernate.dialect">org.hibernate.dialect.Oracle10gDialect</prop>
        <prop key="hibernate.show_sql">>true</prop>
        <prop key="hibernate.format_sql">>true</prop>
        <prop key="hibernate.use_sql_comments">>true</prop>
        <prop key="hibernate.jdbc.batch_size">5</prop>
    </props>
</property>
</bean>

</beans>

```

## context-jpa-respository.xml

Tip

<jpa:repositories base-package=""> → base-package=""

```

<?xml version="1.0" encoding="UTF-8"?>
<beans xmlns="http://www.springframework.org/schema/beans"
    xmlns:jpa="http://www.springframework.org/schema/data/jpa"
    xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
    xsi:schemaLocation="http://www.springframework.org/schema/beans
http://www.springframework.org/schema/beans/spring-beans-4.0.xsd

```

```
http://www.springframework.org/schema/data/jpa
http://www.springframework.org/schema/data/jpa/spring-jpa.xsd">

    <jpa:repositories base-package="com"></jpa:repositories>

</beans>
```

## POM.xml

```
<properties>
    <egovframework.jpa.version>3.7.0</egovframework.jpa.version>
    <hibernate.version>4.3.11.Final</hibernate.version>
</properties>
<dependencies>
    <dependency>
        <groupId>egovframework.rte</groupId>
        <artifactId>egovframework.rte.psl.data.jpa</artifactId>
        <version>${egovframework.jpa.version}</version>
    </dependency>

    <!-- Hibernate -->
    <dependency>
        <groupId>org.hibernate</groupId>
        <artifactId>hibernate-core</artifactId>
        <version>${hibernate.version}</version>
    </dependency>

    <dependency>
        <groupId>org.hibernate</groupId>
        <artifactId>hibernate-validator</artifactId>
        <version>5.4.2.Final</version>
    </dependency>
    <dependency>
        <groupId>org.springframework.data</groupId>
        <artifactId>spring-data-jpa</artifactId>
        <version>1.11.10.RELEASE</version>
        <exclusions>
            <exclusion>
                <groupId>org.slf4j</groupId>
                <artifactId>slf4j-api</artifactId>
            </exclusion>
            <exclusion>
                <groupId>org.slf4j</groupId>
                <artifactId>jcl-over-slf4j</artifactId>
            </exclusion>
        </exclusions>
    </dependency>
</dependencies>
```

, [spring](#), [jpa](#)

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