

sakai.properties database config (2.x)

MySQL Sample Configuration

Locate the MySQL configuration block, uncomment the settings and save your changes. Make sure you modify the data source, username and password settings to match your local environment. Do not forget to comment out the HSQLDB and Oracle settings.

```
# MySQL settings - make sure to alter as appropriate
vendor@org.sakaiproject.db.api.SqlService=mysql
driverClassName@javax.sql.DataSource=com.mysql.jdbc.Driver
hibernate.dialect=org.hibernate.dialect.MySQLInnoDBDialect
url@javax.sql.DataSource=jdbc:mysql://127.0.0.1:3306/sakai?useUnicode=true&characterEncoding=UTF-8
validationQuery@javax.sql.DataSource=
defaultTransactionIsolationString@javax.sql.DataSource=TRANSACTION_READ_COMMITTED
```

Oracle Sample Configuration

Locate the Oracle configuration block, uncomment the settings and save your changes. Make sure you modify the data source, username and password settings to match your local environment. Do not forget to comment out the HSQLDB and MySQL settings.

```
# Oracle settings - make sure to alter as appropriate
vendor@org.sakaiproject.db.api.SqlService=oracle
driverClassName@javax.sql.DataSource=oracle.jdbc.driver.OracleDriver
#hibernate.dialect=org.hibernate.dialect.Oracle9iDialect
hibernate.dialect=org.hibernate.dialect.Oracle10gDialect
url@javax.sql.DataSource=jdbc:oracle:thin:@your.oracle.dns:1521:SID
validationQuery@javax.sql.DataSource=select 1 from DUAL
defaultTransactionIsolationString@javax.sql.DataSource=TRANSACTION_READ_COMMITTED
```

⚠ Oracle users may experience performance issues with certain of the SQL settings that work for MySQL. Oracle users can reduce Db load by uncommenting the following settings:

```
# For improved Oracle performance (from the University of Michigan)
#validationQuery@javax.sql.DataSource=
#defaultTransactionIsolationString@javax.sql.DataSource=
#testOnBorrow@javax.sql.DataSource=false
```