

WISPR Installation and Setup Instructions

Required Software

1. Install Java (> 1.5) from <http://java.sun.com/javase/downloads/index.jsp>
 - a. 1.5 was used to develop wispr
2. Install Maven from <http://maven.apache.org/>
 - a. Click installation instructions for more information on installing maven
3. Install tomcat on server or local machine from <http://tomcat.apache.org/> (version 5.5 was used for development)
 - a. Refer to documentation for installation instructions
4. Install Ant from <http://ant.apache.org/>
 - a. Refer to the manual for installation instructions
5. Install mysql on server or local machine from <http://www.mysql.com>
 - a. Click Downloads and select MySQL Community Server

Getting the code

1. Download the WISPR source code
 - a. Using SVN: svn co <https://svn1.ucalgary.ca/wispr>

Modify the build.properties file

1. Locate the build.properties file in wispr/trunk
2. Modify log.file
3. **** Modify mysql.connection.url, mysql. connection.usr and mysql.connection.pass ****

Modify the build.devshare.properties file

1. Locate the build.devshare.properties file in wispr/trunk/src/main/filters
2. Modify the settings for debug
3. **** Modify mysql.connection.url, mysql. connection.usr and mysql.connection.pass ****

Modify the config.properties file

1. Locate the config.properties file in wispr/trunk/src/main/resources/ca/ucalgary/commons/wispr
2. Change the separator value depending on server platform
3. Change Email properties
4. Change the timeZone variable
5. Change local root to reflect server file structure
 - a. Must create public directory on server for file upload/download
6. Change baseurl for access to local root files

Create the Database and user

1. Using mysql, create the database wispr by:
create database wispr;
2. Create a mysql user by:
grant all on wispr.* to wispr_user@somserver identified by 'wispr';

see *hibernate.cfg.xml* for more information

Run MVN Install

1. Open command terminal and cd to wispr/trunk
Run: mvn install -Dmaven.test.skip=true

Build the database tables

Using ant will run the scripts located in build.xml (located in wispr.trunk)

1. Open a terminal to use ant
2. cd into wispr/trunk
 - a. run the command: ant db.create
 - b. Verify that the tables have been added to the database

Note: if db.create does not work for some reason, download a mysql DB dump at http://webapps3.tlc.ucalgary.ca/wispr_install/wispr_dump_17.03.2009.sql

Add default information to database

1. Change any default information for application (such as course content, logbook questions, and default users) in DatabaseUtils.java
 - a. Default admin login is username admin with password wisprs
2. Add default data by running command: ant db.addSampleData (This step is required as all default course content, logbook content and admin users must be added to the database)

LDAP settings

If LDAP authentication is being used the LDAP settings can be changed in java/authentication/LdapVerification.java. Otherwise, WISPR accounts will have to be created for each user using the user management interface as WISPR Admin.

Deploy WISPR Application

1. Locate the wispr .war file in wispr/trunk/target
2. Copy .war file to tomcat/webapps

3. Start or restart tomcat
4. WISPR application should now be running
5. Create a custom URL or at very least a symbolic link to wispr-2.0-SNAPSHOT in tomcat

If worst comes to worst, and nothing else is working

1. Download and unzip the pre-built WISPR application available at http://webapps3.tlc.ucalgary.ca/wispr_install/wispr-2.0-SNAPSHOT.zip
2. Modify the config.properties file as described above
3. Modify the hibernate.cfg.xml file (mysql connection settings)
 - a. Change the connection.url property
 - b. Change the connection.username property
 - c. Change the connection.password property
4. Download the DB sql file at http://webapps3.tlc.ucalgary.ca/wispr_install/wispr_dump_17.03.2009.sql
 - a. Import the sql file into MySQL DB
5. Place webapp in Tomcat and start Tomcat service

Note: At least this method will get you the prebuilt webapp files, which then could be modified. This is a last resort and is not guaranteed to work.