

PairEval 2.2 Installation Instructions

Requirements – Applications PairEval has been tested on are listed in parentheses

1. An HTTP server (Apache 1.3 and Apache 2.x)
2. A Java Servlet container (Tomcat 5.x)
3. Java JRE/JDK 1.4.2 or higher (note that Tomcat 5.5 requires Java 1.5)
4. mySQL database (mySQL 4.1 or higher)
 - a mySQL database may not be necessary (another SQL database may work), but we have not attempted any testing on other database servers

Installation instructions for the binary distribution (recommended for most users)

1. Unpack the PairEval zip file to a directory of your choosing.
2. Log in to your mySQL database and create a database named 'paireval'. Run the following mySQL command:

```
CREATE DATABASE paireval ;
```
3. Create a user with all privileges on the newly created 'paireval' database. Replace <password> with the password you want paireval to use to connect to the database (mySQL will encrypt the password for you). Be sure to write down this password. Run the following commands:

```
CREATE USER 'paireval'@'localhost' IDENTIFIED BY '<password>' ;  
  
GRANT USAGE ON *.* TO 'paireval'@'localhost' IDENTIFIED BY  
'<password>' ;  
  
GRANT ALL PRIVILEGES ON paireval.* TO 'paireval'@'localhost' WITH  
GRANT OPTION ;
```
4. Next, the database tables need to be created. Locate "init.sql" and run the script on the newly created 'paireval' database. in the mySQL prompt, type "/. <filename>".
 - <filename> needs to be the full path to init.sql
5. In the directory where you initially unpacked the paireval zip file, open the file paireval\WEB-INF\web.xml. In "web.xml", change the following parameters as necessary:
 - db_url – The location of the database (e.g. jdbc:mysql://my.host.com/paireval or jdbc:mysql://localhost/paireval)
 - db_driver – The SQL connection driver (e.g. com.mysql.jdbc.Driver)
 - db_user – the user name to connect to the 'paireval' database (This will be 'paireval' unless you changed the default values in Step 3.
 - db_password – the password associated with the user name in plain text (The password you wrote down in Step 3)

6. Save your changes to web.xml
7. In the directory where you initially unpacked the paireval zip file, and copy the entire 'paireval' subdirectory to your Java web application deployment space (e.g C:\Program Files\Apache Software Foundation\Tomcat 5.5\webapps).
 - Be sure to copy the 'paireval' directory itself and not just its contents, such that you have C:\Program Files\Apache Software Foundation\Tomcat 5.5\webapps\paireval as a directory when finished.
8. Restart your Java Servlet container to load paireval as a web application.
9. Navigate to the PairEval page in your webspace (e.g. <http://my.host.com:8080/paireval>) and login as 'admin' with password 'admin' to begin using the system.

Usage

Please refer to UserGuide.pdf for usage instructions.

Questions

Please direct any questions you may have to Lucas Layman (lmayma2@ncsu.edu)