

Setting Up LAMS 2.0

Installing LAMS 2.0

- MySQL Database
- Sun JAVA JDK 1.5
- Wildfire Jabber Server 2.4.6 or 3.0.1
(windows)
- LAMS Server (includes JBoss and all required libraries)

Installing MySQL 5.0.x

MySQL 5.0.x

Download from the MySQL website:

(<http://dev.mysql.com/pick.htm>)

Important: LAMS 2.0 does not work with MySQL 4.x

Installing Sun Java JDK

Java JDK 1.5

Download from the Sun Website:

<http://java.sun.com/index.jsp>

Important: LAMS 2.0 requires Java 1.5 and will not work with 1.4.x

Installing Jabber Server

Wildfire Jabber Server 3.0.1

<http://www.jivesoftware.org/download-landing.htm>

Note: Wildfire 2.6.2 can also be used for other platforms

Optional Software

- JBoss 4.0.2 (necessary if compiling LAMS from source)
- Apache Ant (necessary if compiling LAMS from source)
- MySQL Query Browser (Graphical interface for MySQL database)
- Apache WebServer and mod_jk2

Installing LAMS 2.0 Server

2 ways to do this:

- Compile LAMS from the Source Code
- Install LAMS using the installers

Compiling LAMS - Step 1

Configure the cvs client as follows:

- Access method: pserver
- User name: anonymous
- Server name: lamscvs.melcoe.mq.edu.au
- Location: /usr/local/cvsroot

Compiling LAMS - Step 2

Configure the following files to match your system environment:

- common.properties
- windows.properties or unix.properties
- mysql-ds.xml

Compiling LAMS - Step 3

Create the db in MySQL

Compilation steps:

- Build the database
- Assemble the LAMS.ear
- Deploying LAMS.ear
- Deploying the LAMS tools
- Copy compiled files to Jboss

Compiling LAMS - Step 4

Modify lams_configuration table to suit your environment:

- ServerURL
- LamsHome
- TempDir
- DumpDir
- EARDir
- SMTPServer
- ContentRepositoryPath
- Xmpp

Running LAMS

After compilation and configuration, you can run LAMS by executin JBoss:

Windows: {jboss_home}\bin\run.bat

Unix: {jboss_home}/bin/run.sh

Using the LAMS Installer

After setting up MySQL, Java SDK and wildfire, you can install LAMS 2.0 using the LAMS installer:

http://saturn.melcoe.mq.edu.au/installers/LAMS-2.0_RC1.exe

Follow the installation instructions to complete the installation.