

MavenProjectServer Prerequisites

Prerequisites

All the experimentation is based on the assumption that the reader is: a maven user, a linux user (with root access on the server, knows a bit of Tomcat, MySQL. and apache Httpd

The prerequisites to have the MavenProjectServer up and running over a Linux OS are :

- A linux box (Mandriva 2007 - x86-64 was used during the experimentation)
- An user called MSU (Maven Server User) with its home directory located at `/home/services/msu` this directory will be noted as `$(server.home)`
- A set of directories inside `$(server.home)`:
 - data noted as `$(server.data.home)`
 - CatalinaBase noted as `$(server.tomcat.base)`
- A JDK installation (jdk1.6.0-b2 was used during the experimentation) located at `$(java.home)` with permissions set to be usable by MSU
- A Tomcat installation (Tomcat 5.5.20 was used during the experimentation) located at `$(tomcat.home)` with permissions set to be run by MSU
- A Maven 2 installation (maven 2.0.4 was used during the experimentation) located at `$(m2.home)` with permissions set to be usable by MSU
- A MySQL installation (MySQL 5.0 was used during the experimentation) with networking enabled
- An HTTP server (Apache Httpd 2.2 was used during the experimentation) with `mod_proxy_ajp` enabled

The `java.home`, `tomcat.home`, `m2.home` variables are undefined by purpose to let the reader defines its own (during the experimentation they were respectively set to `/home/local/jdk1.6.0`, `/home/local/tomcat-5.5.20`, `/home/local/maven-2.0.4`).

It is supposed that the Tomcat installation is cut in half with the running environment (in `$(tomcat.home)`) on one side and the configuration environment (in `$(server.tomcat.base)`) on the other side; Read the Tomcat distribution's `RUNNING.txt` file for more information.

The Connection between Tomcat and MySQL is made using `mysql-connector` (can be found on the `mysql` site). The `mysql-connector-java-VERSION-bin.jar` should be put in the `$(tomcat.home)/common/lib` directory.

The tomcat's admin servlet should be installed (which is not in the default distribution). See the Tomcat site for more information.

The parentheses are used instead of the brackets for the variables definitions as they are confluence reserved signs.