

Installing OpenBravo ERP on FreeBSD

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This tutorial is about installing OpenBravo ERP on FreeBSD (I am using a FreeBSD 6.1 box, for different version of BSD versions of packets might differ).

Openbravo is an Open Source enterprise management system solution based on Java (ERP).

More informations can be found at openbravo.com, also you'll find there a documentation on howto install Openbravo on a Linux machine using either Postfix or Oracle, as DBMS.

Requirements for FreeBSD

Jakarta-Tomcat v.5.5

Java 2 Platform

PostgreSQL database server

Apache-ant 1.6.5

It is know that for a server you do not need X.org, but in this case you will need X.org for Openbravo instalation. The setup script runs from X.org.

1. Download and install JDK package from <http://www.freebsdoundation.org/downloads/java.shtml>

You will also need to install java wrapper:

```
pkg_add -r javavmwrapper
```

Then install your downloaded Java Development kit:

```
pkg_add diablo-jdk-freebsd6.i386.1.5.0.07.01.tbz
```

2. Install Tomcat Java Web Server

```
pkg_add -f tomcat
```

3. Install Apache ant

```
pkg_add -r apache-ant
```

```
ln -s /usr/local/bin/ant /usr/local/ant/bin/ant
```

4. Install PostgreSQL server

```
pkg_add -r postgresql-server
```

5. Setup your environment JAVA_HOME variable to path where is Java installed

```
JAVA_HOME="/usr/local/diablo-jdk1.5.0"
```

6. Set environment variables for your Tomcat Java Web Server

```
CATALINA_HOME="/usr/local/tomcat5.5"
```

```
CATALINA_OPTS="-server -Xms512M -Xmx512M"
```

7. Setup your environment for apache Ant

```
ANT_HOME="/usr/local/ant"
```

8. Download Openbravo from openbravo.com website. Unzip the archive and copy the following files into your CATALINA_HOME/common/lib directory.

activation.jar

avalon-framework-cvs-20020806.jar

axis-ant.jar

axis.jar

batik.jar

comm.jar

fop.jar

jaxrpc.jar

log4j-1.3alpha-8.jar

mail.jar

nekohtml.jar

postgresql-8.1-404.jdbc3.jar

saaj.jar

wsdl4j-1.5.1.jarrenderFoRmi.jar

commons-logging.jar

commons-pool.jar

commons-collections.jar

commons-collections-testframework.jar

commons-fileupload.jar

commons-io.jar

commons-logging-1.0.4.jar

commons-discovery-0.2.jar

xercesImpl.jar

9. Initiate postgresql database

```
/usr/local/etc/rc.d/010.pgsql.sh initdb
```

10. Modify build.xml from download.jar, replace userid="postgres" with userid="pgsql". The FreeBSD port of postgresql uses pgsql user instead of postgres user, on linux.

11. Create pgsql database:

```
createdb -U pgsql -W pgsql
```

12. The next step is to launch install.sh from X.org