Getting Started with OpenEnterpriseX version 0.1

The purpose of this document is to help developers interested in evaluating the various open source techonologies like JBoss, MySQL, Apache HTTP Server, Struts, Eclipse, Junit, Log4j, Xdoclet, Axis, JMeter, Ant, SiteMesh, Velocity, Commons Logging and xpetstore to get started quickly. **OpenEnterpriseX** is a distribution that contains the above open source packages. It comes with a installer that helps developers quickly install, setup and integrate the various packages. The main aim is to ensure developers do not waste unnecessary time in setting up and installing the vaious open source packages. Following the steps in this document and using OpenEnterpriseX, developers will be able to launch a open source petstore using all open source packages in the shortest possible time. All the files in OpenEnterpriseX including the installer/setup/integration scripts are open source and released to the public.

Installation
If you do not already have JDK 1.4.2 installed, download it from http://java.sun.com/j2se/1.4.2/download.htm and follow the instructions at http://java.sun.com/j2se/1.4.2/install-windows.html to install the JDK.

1. Download OpenEnterpriseX from http://www.openenterprisex.org/downloads. Launch the installer executable. The graphical installer will then walk you through the installation process. The installer will create the following subdirectories and install all the packages according the structure.

    <OpenEnterpriseX_HOME>\db – Contains database packages
    <OpenEnterpriseX_HOME>\dev – Contains development packages
    <OpenEnterpriseX_HOME>\dev\frameworks – Contains framework packages
    <OpenEnterpriseX_HOME>\doc – Contains documentation
    <OpenEnterpriseX_HOME>\examples – Contains the xpetstore application
    <OpenEnterpriseX_HOME>\server – Contains server packages
    <OpenEnterpriseX_HOME>\tools – Contains tools packages
    <OpenEnterpriseX_HOME>\oex – Contains setup files and start scripts

Starting xPetstore
Goto Dos Prompt and change the directory to
<OpenEnterpriseX_HOME>\v0.1\oex\scripts.
1. Enter "startAll" and press enter. This will launch and execute all the servers to run the xpetstore application. This includes the MySQL, JBoss and Apache Servers.
2. Follow the instructions in the Dos Prompt to populate data and launch the xpetstore application. The xpetstore appplication can be viewed from the following location http://localhost/expetstore-ejb.
3. The Dos Prompt also contains instructions on how to shutdown all the servers gracefully.

Browsing the source for xPetstore

The source for the xPetstore application can be found in
<OpenEnterpriseX_HOME>\v0.1\examples\xpetstore-3.1.3 directory.
1. The Eclipse IDE tool can be launched from the Windows Start Menu to browse the source code.

Uninstall

1. Goto the Start Menu and Launch the Uninstaller. The Uninstaller will clear away the packages included in OpenEnterpriseX. After the Uninstaller has completed running, you can clear away the OpenEnterpriseX home directory.