XFP Installation

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1. Requirements

- Java 2 Platform, Standard Edition (J2SE) 1.4 or higher

2. Setup

- Set the JAVA_HOME environment variable, if not already set. This should be set to the directory where your JDK is installed.
- Set the XFP_HOME environment variable to the directory where you installed XFP. On some operating systems the shell scripts can guess XFP_HOME, but it is better to not rely on this behavior.

2.1. Windows

Assume XFP is installed in c:\xfp\. The following sets up the environment:

```
set JAVA_HOME=C:\j2sdk1.4.1_01
set XFP_HOME=c:\xfp
```

2.2. Unix (bash)

Assume XFP is installed in /usr/local/xfp. The following sets up the environment:

```
export JAVA_HOME=/usr/local/j2sdk1.4.1_01
export XFP_HOME=/usr/local/xfp
```

2.3. Unix (csh)

Assume XFP is installed in /usr/local/xfp. The following sets up the environment:

```
setenv JAVA_HOME /usr/local/j2sdk1.4.1_01
setenv XFP_HOME /usr/local/xfp
```

3. JVM performance tips

In order to optimize performance run the JVM with following options (set them in XFP_OPTS):

```
-server -Xms***M -Xmx***M
```

where *** is the number of megabytes you want to reserve for the JVM memory heap.

For more info go to http://java.sun.com/docs/hotspot/PerformanceFAQ.html

4. Compiling sources

To compile sources you have to install and configure the following products:

- Apache Ant. Set ANT_HOME environment variable to Ant installation directory. Add $ANT_HOME/bin to your PATH environment variable. If you're running an RPM-based Linux distro you may want to check jPackage.
- Apache Forrest (Only needed if you want to generate the documentation). Set FORREST_HOME environment variable to point at your Forrest installation directory.

Type this command from XFP sources directory:

```
ant dist
```

the XFP distribution packages will be created inside the dist/ directory.

You may want to run `ant -projecthelp` to discover other targets.