

Setup 2

These instructions are designed to quickly get you up and running with KFS. They are not designed for deploying the application to a server environment.

To implement KFS, a developer should have a good working knowledge of the following:

- Java Programming
- Java Servlets and Configuration
- Tomcat
- Ant
- JDBC and Databases

Instructions

1. **Get the Distribution**
2. **Get Required Tools**
3. **Set Up Your Work Area**
 - Create `/java/drivers` and `/opt` directories
 - Install JDK 1.5
 - Run the installer. Install to a directory without spaces in the name. (i.e., not `C:\Program Files\...`)
 - Add/edit the `JAVA_HOME` system variable to point to the base JDK install directory
 - Make sure java's bin directory is on your path
 - Install Tomcat and Ant
 - Copy `junit-3.8.1.jar` from the `financial-system/test/lib` directory to your `ant/lib` directory.
 - Add your `ant/bin` directory to the path
4. **Set Up Your Database**



Keep track of the database options you use with the impex tool, as you will need them in the instructions below.

5. **Configure KFS**



Also see the [build process](#) page.

- Copy `kuali-build.properties` from `financial-system/build/external/user` into your home directory
 - Customize the directory locations and database connect information in `kuali-build.properties` (see the [configuration properties](#) page)
6. **Build KFS**
 - Without Eclipse:
 - Add the following line to your `kuali-build.properties` file:
 - `make-source.target.directory=work/web-root/WEB-INF/classes`
 - `ant dist-local`
 - `ant make-source`
 - With Eclipse:
 - [Setup Eclipse and import the project](#)
 - Allow the project to compile within Eclipse
 - Run `ant dist-local`
 - Refresh the project from within Eclipse
 - This will copy files created in the source directory to `work/web-root/WEB-INF/classes`
 7. **Run KFS (start Tomcat)**
 - You will want to increase tomcat's memory settings similar to ant: `set CATALINA_OPTS=-Xms256m -Xmx1g -XX:MaxPermSize=256m`
 8. **Test the KFS Web Application**
 - Access the application (<http://localhost:8080/kuali-dev/> by default)
 - Log in to the application (use KHUNTLEY)
 9. **Run the KFS Unit Tests (optional)**
 - `ant test-local`

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