

CoSORT GUI UNIX Installation Guide

Requirements

- 10 MB of disk space in the target-location; we suggest no particular location
- GUI_TOOL.tar.Z file provided by IRI for your operating system
- a compatible Java Virtual Machine, version 1.1.5 or higher.

Installation Procedure

A Java Virtual Machine (either from the JDK or the JRE) is not required for installation, but is needed to run either the GUI or the Launcher.

How to get a Java Virtual Machine :

You may already have one available on your system; ask your system administrator. The version must be 1.1.x, where x = 5 or above. Version 1.2.x, also called 'Java 2', is not yet supported.

If a JVM is not installed, check your OS vendor's web site -- all major Unix vendors provide one. See also :

“Platforms Supporting Java technology” on Sun's web site :

<http://java.sun.com/cgi-bin/java-ports.cgi>

File Installation

1. `md <target-location>`
2. `cd <target-location>`
3. `uncompress GUI_TOOL.tar.Z`
4. `tar xvf GUI_TOOL.tar`

You will get two archives (tar.Z) files and release notes. Once extracted, edit the configuration and shell files for both the Launcher and the GUI as follows :

Launcher Setup

1. edit the `run_Launcher` shell script as follows :
2. check that the path to the Java executable is correct (java or jre) and the version of the Java Virtual Machine (usually using `java -version` or `jre -help`) is at 1.1.5 or above.
3. check that the classpath is correct - the lines should look like :
`jre -cp ".:launcher.jar" CsLauncherMain`
4. adjust the port number in "`cosort.launcher.config`" if necessary. 8112 has proven to work (unused) at many production sites.
5. check that the `cosort.launcher.config` file matches the "unix style" :
`Cosort.defaultLocation=/tmp` (you can adjust this one)
`Cosort.commandLine=sh dosort.sh`
6. Adjust "`dosort.sh`" to your needs, respecting the order and meaning of existing instructions, and making sure the `$COSORT_HOME` environment variable is defined for the user running the Launcher.

GUI Setup

1. edit the `run_JavaGUI` shell script as follows :
2. be sure to adjust your `DISPLAY` environment variable
3. check that the path to the Java executable is correct (java or jre) and the version of the Java Virtual Machine (usually using `java -version` or `jre -help`) is at 1.1.5 or above.
4. check that the classpath is correct - the line should look like :
`jre -cp ".:javagui.jar:swing.jar" CsAssistant`
5. adjust the port number in "`cosort.javagui.config`" if necessary -- the same value as for the Launcher.

You may want to adjust the font display -- you can do it from the Configuration option in the GUI. You may get a better font display with 'Serif' or 'Sans Serif' fonts. You can change the port number at run time, too.

Note : You can deploy the GUI to run anywhere -- even a NT machine. Just install jav-agui.tar.Z on the other machine. You can also ask IRI for an NT-based version of the setup program for the standalone GUI client.