

Running JIPXt As Service

JIPXt can be run as windows service, Unix/Linux daemon or Cron job. It can also be run with minimal memory usage on other platforms like OS/2, eComStation, Mac OS, or any other OS that can run Java. This can be achieved by running as a command line version. Mac OS can run as a daemon using the Unix/Linux style (see the downloaded files). Actually there is no big difference from running as a command line version and daemon on Linux/Unix systems.

Running as a service or daemon JIPXt uses the “wrapper” engine from;

<http://wrapper.tanukisoftware.org> . For more information or installation guide check the site.

Getting Started

- Make sure you’ve run JIPXt in normal mode (either GUI or console) and registered your data as usual.
- Download the JIPXt-Serve file (in zip format) of your perspective OS.
- Unzip it into a preferred temporary folder.
- Copy all the files under the folder “bin” (from the unzipped files) and place them into the folder “bin” of JIPXt directory.
- Copy the folders “logs”, “conf” and “lib” (from the unzipped files) into the JIPXt directory.
- Follow the procedures below (which are a little bit plat form dependent).

Windows

- You can test the service by double clicking on the bat file “TEST_SERVICE”
 1. If you run the test you should see “JIP IS RUNNING!”
 2. You can stop it with Ctrl-C. Or just close the console window.
- If the test was successful, then you can now install the service by double clicking on “INSTALL_JIP_SERVICE”. To check if the service has installed successfully use one of the two ways below;

1. This is easiest way; Is simply use the start, stop and restart batch files. Or open command prompt window and switch to JIPXt directory example “C:\Program files\JIPXt Client\bin” then write “Manage start” (this will start the service) or “Manage stop” (this will sop the service) or “Manage restart” (this will restart the service)

Manage start; if the service is started you will get the message service is running else the message “staring service”

Manage stop; you will get the message “stopping service” then “service stopped”

Manage restart; you will get the message “Stopping service”, then “starting service”

2. Test 2; Open control panel and double click on the “administrative tools, then double click on “services”. You should see the service name “JIPXt_SRV” among the service lists with the description “JIPXt SERVICE” You can now start the service or stop it.

- **NB: If everything is successful, remove the JIPXt shortcut file from Windows startup group. To avoid starting JIP in normal mode on boot.**

Linux/Unix/Mac OS

- Make sure you give the files executable rights.
- Switch to the directory of JIPXt example “/usr/JIPXt/bin/” or “/home/JIPXt/bin” or where you’ve installed JIPXt. Then give the command “daemon.sh start” or run_daemon start. You can also test the daemon with the command “testwrapper”. (It is also possible to run the daemon files by the command “/JIPXt directory/bin/run_daemon start”. That is from the console write all the command without switching first to JIPXt directory).
- “daemon.sh start”; starts the daemon, “daemon.sh stop” will stop the service if its running and “daemon.sh restart” will restart the service if it’s running.
- If no errors then you should see “JIP IS RUNNING!”

- You can close the console window and JIPXt will be running in the background
- If you want JIPXt to start on boot, then you have to create a symbolic link and place it into the “ect/init.d/” or “etc/rc.d/init.d/” depending on the system or put a link in KDE auto start. Mac put a link at startup.
- You can also find additional information at <http://wrapper.tanukisoftware.org>

Other Platforms (running as command line) with minimal memory usage

- To run JIPXt with minimal memory usage, follow the guide under JIPXt folder (in the installation directory).
- **Or if you want to run as daemon then ->**
- See <http://wrapper.tanukisoftware.org/doc/english/introduction.html> for additional files to download then off and running.