

Using the Jetty RPMs

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Overview

RPM (RedHat Package Manager) is a popular way of distributing applications on RedHat Linux Derived Distros. Here is a step on how to make a RPM package for Jetty6,

Note: this one is only for RedHat-based distros like CentOS, Feodora, RedHat, etc. For Debian-based distros, see [Debian Packages](#).

The steps to use RPMS are

1. Obtain the Jetty RPMs. These are build and distributed with each Jetty release since 6.1.5. You can also [build the jetty RPMS from source](#).
2. [Install the prerequisites RPMs](#) and packages (eg java and ant).
3. [Install the Jetty RPMs](#).
4. Configure and run

Installing Web Applications

Once your Jetty6 rpm is installed you can deploy your webapps at `/var/lib/jetty6/webapps`

Starting and Stopping Jetty

The Jetty start script is installed in `/etc/init.d` and linked to the `/etc/rc3.d` directory so that it is started at boot time. It can also be manually started and stopped:

Starting Jetty

```
sudo service jetty start
```

Stopping Jetty

```
sudo service jetty stop
```

Jetty Logs

- Jetty logs are found at `/var/log/jetty6`
- you can view the logs at runtime by using `tail -f`, this will enable you to view the logs, in realtime

```
tail -f yourjetty.log
```

Jetty RPM File Structures

jetty6-6.1-*.noarch.rpm - Jetty RPM Package

Requires: jetty6-lib

Output Files:

- /etc/init.d/jetty - Jetty6 Startup Script for Redhat Based Linux Service Daemon, this file is added in chkconfig so that this will automatically start jetty as a service
- jetty-home (located at /usr/share/jetty6) - contains start.jar, Licences, README.txt, resources and VERSIONS.txt
- jetty-conf (located at /etc/jetty6) - contains jetty configuration files
- /etc/jetty6/contexts - where you will add your contexts
- jetty-webapps (located at /var/jetty6/webapps) - where you will deploy your web-applications
- jetty-logs (located at /var/log/jetty6) - where log files are located

jetty6-lib-6.1-*.noarch.rpm - Jetty Library RPM Package

Requires: jetty6-jsp-2.0-api, jetty6-jsp-2.1-api and jetty6-servlet-2.1-api, mx4j >= 3.0

Output Files:

- jetty6-lib (located at /usr/share/java/jetty6-lib) - Jetty JAR libraries namely, jetty, jetty-util annotations, jetty-management, jetty-setuid and libsetuid.so

jetty6-jsp-2.0-api-6.1-*.noarch.rpm - Jetty JSP 2.0 API RPM Package

Requires: jakarta-commons-el, xerces-j2, ant

Output Files:

- /usr/share/java/jetty6-jsp-2.0-api - JSP 2.0 JAR libraries and other libraries

jetty6-jsp-2.1-api-6.1-*.noarch.rpm - Jetty JSP 2.1 API RPM Package

Requires: ant

Output Files:

- /usr/share/java/jetty6-jsp-2.1-api - JSP 2.1 JAR libraries and other libraries

jetty6-servlet-2.5-api-6.1-*.noarch.rpm - Jetty Servlet 2.5 API RPM Package

Requires: none

Output Files:

- /usr/share/java/jetty6-servlet-2.5-api - contains Servlet 2.5 JAR library

jetty6-samples-6.1-*.noarch.rpm - Jetty Samples RPM Package

Requires: jetty

Output Files:

- installs sample web-app in /var/jetty6/webapps, namely: test and test-jaas sample web-apps