

Start up on boot

Start up on boot for Linux

This is a useful script for starting up LAMS on boot

For JBoss 5.1

Create a file called lams2 in */etc/init.d/* and modify the script below to fit your *JAVA_HOME*, *IP*, *_JBOSS_USER*, etc.

```
#!/bin/sh
# lams2          This shell script takes care of starting and stopping
#                the MySQL subsystem (mysqld).
#
# chkconfig: 2345 90 20
# description:  LAMS 2.
# processname: java
#
#                Written by Miquel van Smoorenburg <miquels@cistron.nl>.
#                Modified for Debian
#                by Ian Murdock <imurdock@gnu.ai.mit.edu>.
#                Modified for LAMS
#                by Ernie Ghiglione <ernieg@lamsfoundation.org>.
#
# Version:      @(#)skeleton 1.9 26-Feb-2001 miquels@cistron.nl
#

# Attempt to locate JAVA_HOME, code borrowed from jabref package

if [ -z $JAVA_HOME ]
then
    t=/usr/lib/jvm/java-1.5.0-sun && test -d $t && export JAVA_HOME=$t
    t=/usr/lib/jvm/java-6-sun && test -d $t && export JAVA_HOME=$t
fi
JBOSS_USER=jboss
JAVA_HOME=/usr/lib/jvm/java-6-sun
PATH=/sbin:/bin:/usr/sbin:/usr/bin:${JAVA_HOME}/bin
JAVA=${JAVA_HOME}/bin/java
JBOSS_HOME=/usr/local/jboss-5.1
NAME=default
IP=127.0.0.1
DESC="LAMS 2 Server $NAME"

test -x $JAVA || exit 0

# Read an optional running configuration file
if [ "x$RUN_CONF" = "x" ]; then
    RUN_CONF="${JBOSS_HOME}/bin/run_${NAME}.conf"
fi
if [ -r "$RUN_CONF" ]; then
    . "$RUN_CONF"
fi

# Setup the java endorsed dirs
JBOSS_ENDORSED_DIRS="${JBOSS_HOME}/lib/endorsed"
```

```

# Setup the classpath
runjar="$JBOSS_HOME/bin/run.jar"
if [ ! -f "$runjar" ]; then
    die "Missing required file: $runjar"
fi
JBOSS_BOOT_CLASSPATH="$runjar"

# Include the JDK javac compiler for JSP pages. The default is for a Sun JDK
# compatible distribution which JAVA_HOME points to
if [ "x$JAVAC_JAR" = "x" ]; then
    JAVAC_JAR="$JAVA_HOME/lib/tools.jar"
fi

if [ "x$JBOSS_CLASSPATH" = "x" ]; then
    JBOSS_CLASSPATH="$JBOSS_BOOT_CLASSPATH:$JAVAC_JAR"
else
    JBOSS_CLASSPATH="$JBOSS_CLASSPATH:$JBOSS_BOOT_CLASSPATH:$JAVAC_JAR"
fi

DAEMON_OPTS="$JAVA_OPTS -Dfile.encoding=UTF8
-Djava.endorsed.dirs=$JBOSS_ENDORSED_DIRS -classpath $JBOSS_CLASSPATH -Dprogram.name
org.jboss.Main -b $IP -c $NAME"

#set -e
start() {
    start-stop-daemon --start --chuid $JBOSS_USER --quiet --background
--make-pidfile --pidfile $JBOSS_HOME/$NAME.pid --exec $JAVA -- $DAEMON_OPTS
}

stop() {
    start-stop-daemon --stop --quiet --pidfile $JBOSS_HOME/$NAME.pid
}

case "$1" in
    start)
        echo "$DESC is starting up."
        start
        ;;
    stop)
        echo -n "Stopping $DESC... "
        stop
        rm -f /var/run/$NAME.pid
        echo "stopped."
        ;;
    status)
        if [ -e /var/run/$NAME.pid ]; then
            if [ -r /var/run/$NAME.pid ]; then
                pid=`cat /var/run/"$NAME".pid`
                if [ "X$pid" = "X" ]; then
                    echo "$DESC is not running."
                    exit 1
                else
                    echo "$DESC is running ($pid)."
                    exit 0
                fi
            fi
        fi
        echo "$DESC is not running."

```

```
        ;;
restart|force-reload)
    #
    #     If the "reload" option is implemented, move the "force-reload"
    #     option to the "reload" entry above. If not, "force-reload" is
    #     just the same as "restart".
    #
    echo -n "Restarting $DESC: "
    #set +e
    stop
    #set -e
    sleep 10
    start
    ;;
*)
    N=/etc/init.d/$NAME
    echo "Usage: $N {start|stop|restart|force-reload|status}" >&2
    exit 1
    ;;
esac
```

```
exit 0
```

In Centos/RHEL5

In Centos/RHEL5, make sure you download the [start-stop-daemon source](#) and compile as follows

```
# wget
"http://developer.axis.com/download/distribution/apps-sys-utils-start-stop-daemon-IR1_9_18-2.tar.gz"
# tar xvzf apps-sys-utils-start-stop-daemon-IR1_9_18-2.tar.gz
# cd apps/sys-utils/start-stop-daemon-IR1_9_18-2/
# gcc start-stop-daemon.c -o start-stop-daemon
# cp start-stop-daemon /usr/sbin/
```

Add lams2 script to unix services

Ubuntu

```
sudo update-rc.d lams2 defaults
```

CentOS/RHEL5

```
chkconfig --levels 235 lams2 on
```