

The Workstation Group, LTD

License Manager Startup Procedures.

For systems using the System V /etc/init.d model

The general idea is that a script is placed in /sbin/init.d or /etc/init.d. This location will vary with your particular flavor of Linux/UNIX. Then a soft or hard link, again depending upon the custom for other such scripts in your system, is made to a name in /sbin/rcN.d like Sxxcommand and another one to /sbin/rcN-1.d like Kxxcommand. The script must support arguments of 'start' and 'stop', which are supplied by /sbin/rcM or /etc/rcM when the system enters the run level M. Kxxcommand gets 'stop' argument, Snncommand gets 'start' argument. Run level 2 is an appropriate stop level, level 3 is an appropriate start level.

Procedure:

- 1) Add a script to /sbin/init.d or /etc/init.d called twgctl which contains the following:

```
#!/bin/sh
#####
#
# The first argument tells what to do.
#####

state=$1
twgdir=/usr/local/twglm

set `who -r`
case $state in

'start_msg')
    echo "Starting TWG License Manager daemon"
    ;;

'stop_msg')
    echo "Stopping TWG License Manager daemon"
    ;;

'start')
    [ -f $twgdir/twglm ] && $twgdir/twglm
    ;;

'stop')
    [ -f $twgdir/twgutil ] && $twgdir/twgutil -k
    ;;

*)
    echo "usage: $0 {start|stop}"
    ;;

esac

exit 0
```

- 2) Create links to activate startup and shutdown

```
# cd /sbin/init.d
# ln twgctl /sbin/rc3.d/S25twgctl
# ln twgctl /sbin/rc2.d/K25twgctl
```

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For systems using AIX the /etc/inittab method

Under AIX, use the mkitab command to add a record to /etc/inittab.

The command should read:

```
mktab twglm:2:once:/usr/local/twglm/twglm >/dev/console 2>&1
```

If necessary, replace /usr/local/twglm with the directory where you installed the license manager files.