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Subject: IDL license server startup on DEC Alpha  
Posted by [eckman](#) on Thu, 02 Dec 1993 12:40:38 GMT  
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I recently upgraded to idl v3.5 and am just attempting to get the idl license manager software running on a DEC Alpha workstation running OSF/1. I adapted the sys5\_idl\_lmgrd script provided by RSI as follows:

```
#!/bin/sh
#
#
# This script can be used to start and stop the IDL network license
# manager on System V operating systems. To use it, edit it to
# customize it for your site. This is done by modifying the shell
# variable definitions IDL_DIR and LM_LICENSE_FILE below.
#
# Once it is properly customized, use the following commands to install
# it on your system. These commands assume that your current working
# directory is the one containing this script:
#
# % cp sys5_idl_lmgrd /sbin/init.d
# % ln -s ../init.d/sys5_idl_lmgrd /sbin/rc3.d/S99sys5_idl_lmgrd
# % ln -s ../init.d/sys5_idl_lmgrd /sbin/rc0.d/K01sys5_idl_lmgrd
#
# After executing these commands, reboot the system.
#
# The following steps explain the commands above.
#
# 1) Copy this script to the standard System V location.
# 2) Link it into the run level 3 directory. The leading 'S' means
#    that our daemon should be started at run level 3. The 99 causes
#    this script to be executed after all other scripts in /sbin/rc3.d.
# 3) Link it into the run level 0 directory. The leading 'K' means
#    that our daemon should be killed when entering run level 0.
#    The 01 causes this script to be executed before the other scripts
#    in /sbin/rc0.d.
# 4) Reboot the system, returning to multi-user mode. Entering this
#    mode (run level 3) should cause the IDL license manager daemon
#    to be started.
#
# TO LEARN MORE:
# - Read about run levels in the System Administration guide for
#   your system.
# - Read the file /sbin/init.d/README

# NOTE: EDIT THESE DEFINITIONS FOR YOUR SITE
IDL_DIR=/usr1/local/lib/idl
LM_LICENSE_FILE=$IDL_DIR/license.dat
```

```

LOG_FILE_NAME=/dev/null
# END OF END-USER DEFINITIONS

SCRIPT=$0
export IDL_DIR
export LM_LICENSE_FILE
export LOG_FILE_NAME

# Make sure we really have the location of the daemon and the license file.
if [ ! -f $IDL_DIR/bin/lmgrd ]; then
    echo "$SCRIPT: Can't find the idl license manager daemon"
    exit 1
fi
if [ ! -f $LM_LICENSE_FILE ]; then
    echo "$SCRIPT: Can't find the idl license file: $LM_LICENSE_FILE"
    exit 1
fi

# Take the desired action
case "$1" in
'start')
    $IDL_DIR/bin/lmgrd > $LOG_FILE_NAME &
    echo "Started idl license manager daemon"
    ;;
'stop')
    $IDL_DIR/bin/lmdown -q
    ;;
*)
    echo "$SCRIPT: Unknown option: $1"
    echo "Usage: $SCRIPT { start | stop }"
    exit 1
    ;;
esac

```

However, I can't get the license manager to start up at system boot time. At boot, I do see a console message indicating that the license manager daemon has started, but if it really started, it must have immediately died. I tried changing the log file from /dev/null to /usr/adm/idl\_mess, but that file remains empty at startup so it provides no clue as to what's happening. The script works just fine manually and the daemon can be started and stopped with no difficulty.

Has anyone had success in starting the license manager daemon at boot time on the OSF/1 Alpha?

Thanks.

Rich Eckman

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Subject: Re: IDL license server startup on DEC Alpha  
Posted by [thompson](#) on Wed, 08 Dec 1993 15:42:47 GMT  
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eckman@eos1.larc.nasa.gov (Richard Eckman) writes:

> I recently upgraded to idl v3.5 and am just attempting to get the idl  
> license manager software running on a DEC Alpha workstation running OSF/1.  
> I adapted the sys5\_idl\_lmgrd script provided by RSI as follows:

(stuff deleted)

> However, I can't get the license manager to start up at system boot  
> time. At boot, I do see a console message indicating that the license  
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> have immediately died. I tried changing the log file from /dev/null  
> to /usr/adm/idl\_mess, but that file remains empty at startup so it provides  
> no clue as to what's happening. The script works just fine manually  
> and the daemon can be started and stopped with no difficulty.  
> Has anyone had success in starting the license manager daemon at  
> boot time on the OSF/1 Alpha?  
> Thanks.

I'm having similar problems with the version 3.5 license manager on an Alpha running OpenVMS 1.0. I can start the license manager fine manually, but it doesn't seem to want to start from system boot. Any suggestions?

Bill Thompson

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