```
aha1@Aha1:~$ linuxcnc
LINUXCNC - 2.7.8
Machine configuration directory is '/home/aha1/linuxcnc/configs/Port25x15_Mill'
Machine configuration file is 'Port25x15_Mill.ini'
Starting LinuxCNC...
Found file(REL): ./Port25x15_Mill.hal
Note: Using POSIX non-realtime
hm2: loading Mesa HostMot2 driver version 0.15
hm2_7i43: loading HostMot2 Mesa 7i43 driver version 0.3
./Port25x15_Mill.hal:8: waitpid failed /usr/bin/rtapi_app hm2_7i43
./Port25x15_Mill.hal:8: /usr/bin/rtapi_app exited without becoming ready
./Port25x15_Mill.hal:8: insmod for hm2_7i43 failed, returned -1
Shutting down and cleaning up LinuxCNC...
Running HAL shutdown script
Waited 3 seconds for master.  giving up.
Note: Using POSIX non-realtime
hm2_7i43: not loaded
<commandline>:0: exit value: 255
<commandline>:0: rmmod failed, returned -1
Note: Using POSIX non-realtime
hostmot2: not loaded
<commandline>:0: exit value: 255
<commandline>:0: rmmod failed, returned -1
Note: Using POSIX non-realtime
motmod: not loaded
<commandline>:0: exit value: 255
<commandline>:0: rmmod failed, returned -1
Note: Using POSIX non-realtime
trivkins: not loaded
<commandline>:0: exit value: 255
<commandline>:0: rmmod failed, returned -1
<commandline>:0: unloadrt failed
Note: Using POSIX non-realtime
LinuxCNC terminated with an error.  You can find more information in the log:
   /home/aha1/linuxcnc_debug.txt
and
   /home/aha1/linuxcnc_print.txt
as well as in the output of the shell command 'dmesg' and in the terminal
aha1@Aha1:~$ sudo dmesg -c
[  579.300428] rtapi_app[3638] general protection ip:b707664b sp:bfd23170 error:0 in
hm2_7i43.so[b7075000+3000]
aha1@Aha1:~$ sudo dmesg
aha1@Aha1:~$
```

hm2_<BoardType>.<BoardNum What is BoardType and what BoardNum?

oadrt hm2_7i43 [ioaddr=*N***[,***N***...]] [ioaddr_hi**=*N***[,***N***...]] [epp_wide**=*N***[,***N***...]] [config**=*"str[,str...]"***] [debug_epp**=*N***[,***N***...]]**

ioaddr *[default: 0x378]*

The base address of the parallel port.

ioaddr_hi [default: 0]

The secondary address of the parallel port, used to set EPP mode. 0 means to use ioaddr + 0x400.

epp_wide [default: 1]

Set to zero to disable the "wide EPP mode". "Wide" mode allows a 16- and 32-bit EPP transfers, which can reduce the time spent in the read and write functions. However, this may not work on all EPP parallel ports.

config [default: ""]

HostMot2 config strings, described in the hostmot2(9) manpage.

debug_epp [default: 0]

Developer/debug use only! Enable debug logging of most EPP transfers.