

Error report created by /usr/lib/tcltk/linuxcnc/show_errors.tcl:

Print file information:

```
RUN_IN_PLACE=no
LINUXCNC_DIR=
LINUXCNC_BIN_DIR=/usr/bin
LINUXCNC_TCL_DIR=/usr/lib/tcltk/linuxcnc
LINUXCNC_SCRIPT_DIR=
LINUXCNC_RT_LIB_DIR=/usr/lib/linuxcnc/modules
LINUXCNC_CONFIG_DIR=
LINUXCNC_LANG_DIR=/usr/lib/tcltk/linuxcnc/mgs
INIVAR=inivar
HALCMD=halcmd
LINUXCNC_EMCSH=/usr/bin/wish8.6
LINUXCNC - 2.9.0~pre0+git20221105.ffb6bda926
Machine configuration directory is '/home/plasma2/linuxcnc/configs/spaceship'
Machine configuration file is 'spaceship.ini'
INIFILE=/home/plasma2/linuxcnc/configs/spaceship/spaceship.ini
VERSION=1.1
PARAMETER_FILE=metric_parameters.txt
TPMOD=
HOMEMOD=
TASK=milltask
HALUI=halui
DISPLAY=qtvcpl qtplasmac
COORDINATES=XYZ
KINEMATICS=trivkins coordinates=XYZ
Starting LinuxCNC...
Starting LinuxCNC server program: linuxcncsvr
Loading Real Time OS, RTAPI, and HAL_LIB modules
Starting LinuxCNC IO program: io
Starting HAL User Interface program: halui
linuxcnc TPMOD=tpmod HOMEMOD=homemod EMCOT=motmod
twopass:invoked with <> options
twopass:found ./spaceship.hal
twopass:found ./spaceship_ohmic.hal
twopass:found /usr/share/linuxcnc/hallib/plasmac.tcl
twopass:found ./custom.hal
```

```
twopass: load_the_modules cmd=<orig_loadrt hm2_eth [concat board_ip="10.10.10.10"] [concat
config=" num_encoders=3 num_pwmgens=0 num_stepgens=5 sserial_port_0=2xxxx"]>
waitpid failed /usr/bin/rtapi_app hm2_eth
/usr/bin/rtapi_app exited without becoming ready
insmod for hm2_eth failed, returned -1
```

Shutting down and cleaning up LinuxCNC...

```
identityKinematicsSetup: coordinates:XYZ
  Joint 0 ==> Axis X
  Joint 1 ==> Axis Y
  Joint 2 ==> Axis Y
  Joint 3 ==> Axis Z
identityKinematicsSetup: Recommend: kinstype=both
```

```
hm2: loading Mesa HostMot2 driver version 0.15
hm2_eth: loading Mesa AnyIO HostMot2 ethernet driver version 0.2
hm2_eth: ERROR: Could not retrieve hardware address (MAC) of 10.10.10.10: Resource temporarily
unavailable
hm2: unloading
Removing HAL_LIB, RTAPI, and Real Time OS modules
Removing NML shared memory segments
```

Debug file information:

Note: Using POSIX realtime

hm2_eth: rtapi_app_main: Resource temporarily unavailable (-11)

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Stopping realtime threads

Unloading hal components

Note: Using POSIX realtime

Info report created by linuxcnc_info:

The file: /tmp/linuxcnc_info.txt

can be posted to a forum or a web site like:

<http://pastebin.com>

in order to provide information about the linuxcnc system and configuration.

Date: Sat 06 Jan 2024 12:44:16 AEST

UTC Date: Sat 06 Jan 2024 02:44:16 UTC

this program: /usr/bin/linuxcnc_info

uptime: 12:44:16 up 2 min, 1 user, load average: 1.03, 0.65, 0.27

lsb_release -sa: Debian Debian GNU/Linux bookworm/sid n/a bookworm

linuxcnc: /usr/bin/linuxcnc

pwd: /home/plasma2/linuxcnc/configs/spaceship

USER: plasma2

LOGNAME: plasma2

HOME: /home/plasma2

EDITOR:

VISUAL:

LANGUAGE: en_AU:en

TERM: dumb

COLORTERM:

DISPLAY: :0.0

DESKTOP: lightdm-xsession

display size: 1920x1080 pixels (508x285 millimeters)

PATH: /usr/bin:/home/plasma2/linuxcnc/configs/spaceship/bin:/usr/bin:/usr/local/bin:/usr/bin:/bin:/usr/local/games:/usr/games

uname items:

nodename -n: plasma2

kernel-name -s: Linux

kernel-vers -v: #4 SMP PREEMPT_RT Wed Dec 14 00:49:27 AEST 2022

machine -m: x86_64

processor -p: unknown

platform -i: unknown

oper system -o: GNU/Linux

/proc items:

cmdline: BOOT_IMAGE=/boot/vmlinuz-6.1.0-rt5-linuxcnc-rt root=UUID=628f25dc-95c9-406a-99ca-5a6b278ba73a ro quiet isolcpus=2,3 nowatchdog

model name: Intel(R) Celeron(R) CPU J1900 @ 1.99GHz

cores: 4

cpu MHz: 2000.009

parport: 0000-0000 : parport0 0000-0000 : parport0

serial: 0000-0000 : serial 0000-0000 : serial

Versions:

gcc: gcc (Debian 12.2.0-9) 12.2.0

python: Python 3.10.9

git: git version 2.35.1

```

git commit: NA
  tcl: 8.6
  tk: 8.6
glade: not_in_PATH

```

linuxcnc_var all:

```

LINUXCNCVERSION: 2.9.0~pre0+git20221105.ffb6bda926
LINUXCNC_AUX_GLADEVCP: /usr/share/linuxcnc/aux_gladevcp
LINUXCNC_AUX_EXAMPLES: /usr/share/linuxcnc/aux_examples
  REALTIME: /usr/lib/linuxcnc/realtime
  RTS: uspace
  HALLIB_DIR: /usr/share/linuxcnc/hallib
  PYTHON: /usr/bin/python3

```

dpkg -l '*linuxcnc*':

Desired=Unknown/Install/Remove/Purge/Hold

| Status=Not/Inst/Conf-files/Unpacked/half-conf/Half-inst/trig-aWait/Trig-pend

|/ Err?=(none)/Reinst-required (Status,Err: uppercase=bad)

/ Name	Version	Architecture	Description
ii	linux-headers-6.1.0-rt5-linuxcnc-rt	6.1.0-rt5-linuxcnc-rt-4 amd64	Linux kernel headers for 6.1.0-rt5-linuxcnc-rt on amd64
ii	linux-image-6.1.0-rt5-linuxcnc-rt	6.1.0-rt5-linuxcnc-rt-4 amd64	Linux kernel, version 6.1.0-rt5-linuxcnc-rt
un	linuxcnc	<none>	(no description available)
un	linuxcnc-dev	<none>	(no description available)
un	linuxcnc-doc	<none>	(no description available)
ii	linuxcnc-doc-en	2.9.0~pre0+git20221105.ffb6bda926-1.2 all	motion controller for CNC machines and robots (English documentation)
un	linuxcnc-doc-es	<none>	(no description available)
un	linuxcnc-doc-fr	<none>	(no description available)
un	linuxcnc-sim	<none>	(no description available)
un	linuxcnc-sim-dev	<none>	(no description available)
ii	linuxcnc-ospace	2.9.0~pre0+git20221105.ffb6bda926-1.2 amd64	motion controller for CNC machines and robots
ii	linuxcnc-ospace-dev	2.9.0~pre0+git20221105.ffb6bda926-1.2 amd64	PC based motion controller for real-time Linux