Error invoking Tcl_Panic function, triggering synthesis termination
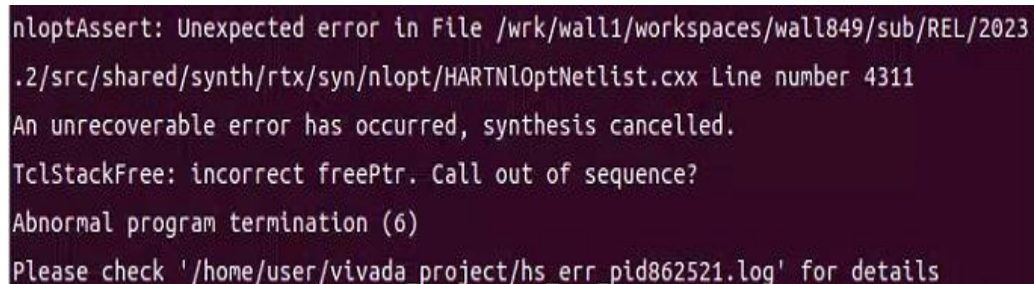
Hello,

I encountered a crash while using Vivado for synthesis on my Linux system. The version of Vivado I am using is 2023.2. I performed the following commands in the Ubuntu terminal:

vivado -mode tcl

read_verilog rtl.v

synth_design -top top

During the synthesis process, Vivado crashed and generated a log file containing information about the crash.

```
nloptAssert: Unexpected error in File /wrk/wall1/workspaces/wall849/sub/REL/2023
.2/src/shared/synth/rtx/syn/nlopt/HARTNlOptNetlist.cxx Line number 4311
An unrecoverable error has occurred, synthesis cancelled.
TclStackFree: incorrect freePtr. Call out of sequence?
Abnormal program termination (6)
Please check '/home/user/vivada_project/hs_err_pid862521.log' for details
```

I have attached our design file rtl.v and the log file from Vivado's output.

I am looking forward to your response.

Thank you!