

The NPinC::parentModule() function is causing Vivado to crash

Hello,

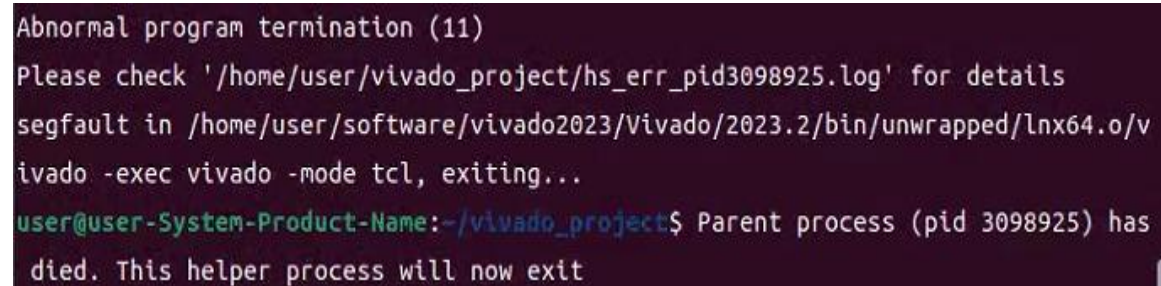
I encountered a crash while using Vivado for synthesis on my Linux system. The version of Vivado I am using is 2023.2. I performed the following commands in the Ubuntu terminal:

```
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.



```
Abnormal program termination (11)  
Please check '/home/user/vivado_project/hs_err_pid3098925.log' for details  
segfault in /home/user/software/vivado2023/Vivado/2023.2/bin/unwrapped/lnx64.o/v  
ivado -exec vivado -mode tcl, exiting...  
user@user-System-Product-Name:~/vivado_project$ Parent process (pid 3098925) has  
died. This helper process will now exit
```

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!