

Vivado Synthesis Crashes and Unable to Locate Problematic Function in Log Files

Hello,

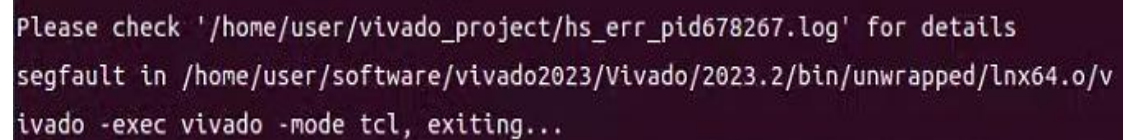
I encountered a crash while using Vivado for synthesis on my Linux system. The version of Vivado I am using is 2023.2. I performed the following commands in the Ubuntu terminal:

```
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.

A screenshot of a terminal window with a dark background and light-colored text. The text displays an error message from Vivado, indicating a segmentation fault and providing a path to a log file for more details.

```
Please check '/home/user/vivado_project/hs_err_pid678267.log' for details  
segfault in /home/user/software/vivado2023/Vivado/2023.2/bin/unwrapped/linux64.o/v  
ivado -exec vivado -mode tcl, exiting...
```

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!