

### **Vivado synthesis failed by the HRTInvoker::inProcessLaunch() function.**

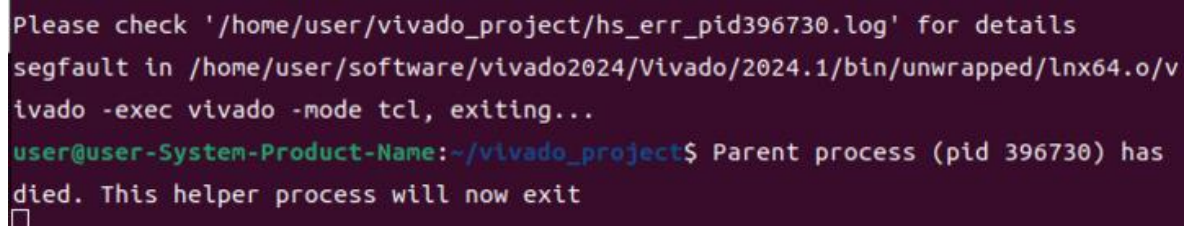
I'm experiencing a crashing issue with Vivado while synthesizing design files. My system runs on Linux, and I'm using Vivado version 2024.1. The relevant commands I'm using in the Ubuntu terminal are as follows:

```
vivado -mode tcl
```

```
read_verilog design.v
```

```
synth_design -top top -flatten_hierarchy none -gated_clock_conversion off -bufg 8 -directive  
RuntimeOptimized -fsm_extraction one_hot -resource_sharing off -cascade_dsp auto
```

During the synthesis process, there's a crash, and a log is generated with information about the cause of the crash.

A terminal window screenshot with a dark background and light-colored text. The text shows a crash report from Vivado, mentioning a segfault and a log file path. The prompt shows the user is in a directory named ~/vivado\_project.

```
Please check '/home/user/vivado_project/hs_err_pid396730.log' for details  
segfault in /home/user/software/vivado2024/Vivado/2024.1/bin/unwrapped/lnx64.o/v  
ivado -exec vivado -mode tcl, exiting...  
user@user-System-Product-Name:~/vivado_project$ Parent process (pid 396730) has  
died. This helper process will now exit  
□
```