

Function optimizePass2() terminates the synthesis process prematurely

I'm experiencing a crashing issue with Vivado while synthesizing design files. My system runs on Linux, and I'm using Vivado version 2023.1. The relevant commands I'm using in the Ubuntu terminal are as follows:

```
vivado -mode tcl  
read_verilog rtl.v  
synth_design -top top
```

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

A screenshot of a terminal window with a dark background and light-colored text. The text displays an error message indicating an abnormal program termination with signal 11 (segmentation fault). It provides a path to a log file for more details and shows the command that was running when the error occurred.

```
Abnormal program termination (11)  
Please check '/home/zou/vivado_project/hs_err_pid1709221.log' for details  
segfault in /home/zou/software/vivado/Vivado/2023.1/bin/unwrapped/lnx64.o/vivado  
-exec vivado -mode tcl, exiting...
```

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