

HARTHOptPost::optimize() function triggers a crash during Vivado synthesis

Hello,

I encountered a crash while using Vivado for synthesis on my Linux system. The version of Vivado I am using is 2023.1. I performed the following commands in the Ubuntu terminal:

```
vivado -mode tcl
```

```
read_verilog rtl.v
```

```
synth_design -top top -directive RuntimeOptimized
```

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

```
Please check '/home/zpy/vivado_question/hs_err_pid2530689.log' for details  
segfault in /mnt/newpart/Vivado/Vivado/2023.1/bin/unwrapped/linux64.o/vivado -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!