

## *The HARTNDb::constProp() function is provoking a Vivado 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.*

A screenshot of a terminal window with a dark background and light-colored text. The text shows an error message: 'Abnormal program termination (11)' followed by instructions to check a log file at '/home/user/vivado\_project/hs\_err\_pid3299218.log'. It then reports a 'segfault in /home/user/software/vivado2023/Vivado/2023.2/bin/unwrapped/lnx64.o/vivado -exec vivado -mode tcl, exiting...'. The prompt at the bottom is 'user@user-System-Product-Name:~/vivado\_project\$' in green and blue.

```
Abnormal program termination (11)  
Please check '/home/user/vivado_project/hs_err_pid3299218.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$
```

*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!*