FARO

CAN BUS Module Solution

Basic FARO SDK Operation Guide

Version 1.0.0

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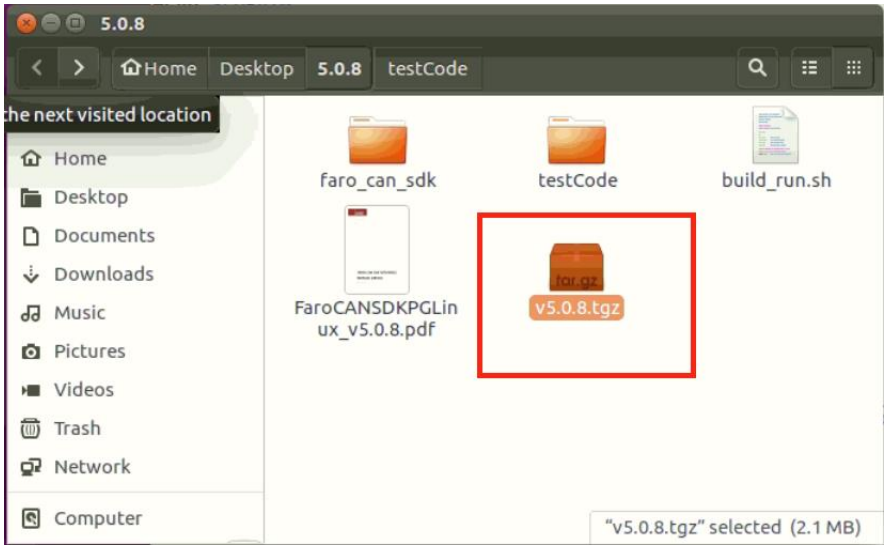
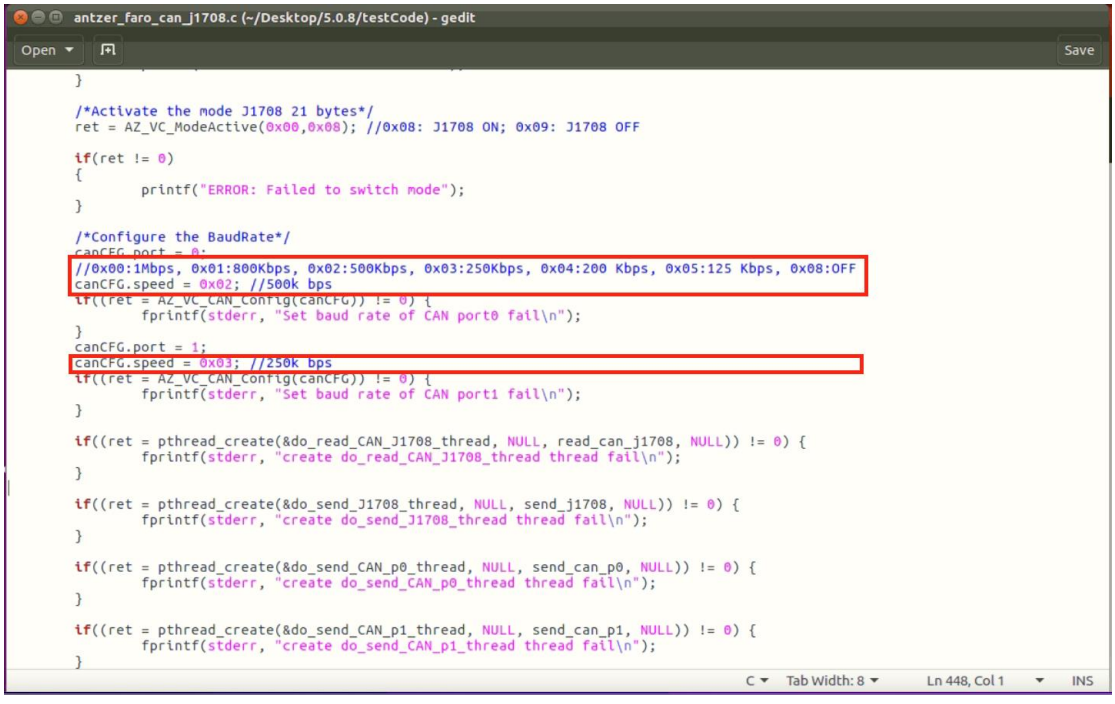
Basic FARO SDK Operation Guide

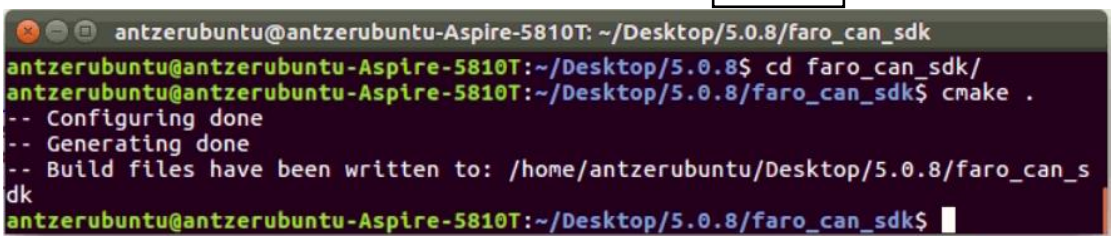
1. Check the CAN bus connection status and whether there is an upper terminating resistor.
2. Check the CAN bus baud rate between devices are the same.
3. Plug in the FARO module.
4. Unzip ‘v5.0.5.tgz’.



5. Enter the “testCode” folder, and open ‘antzer_faro_can_j1708.c’.
6. Find lines 435 and 440 modify the corresponding CAN bus baud rate.

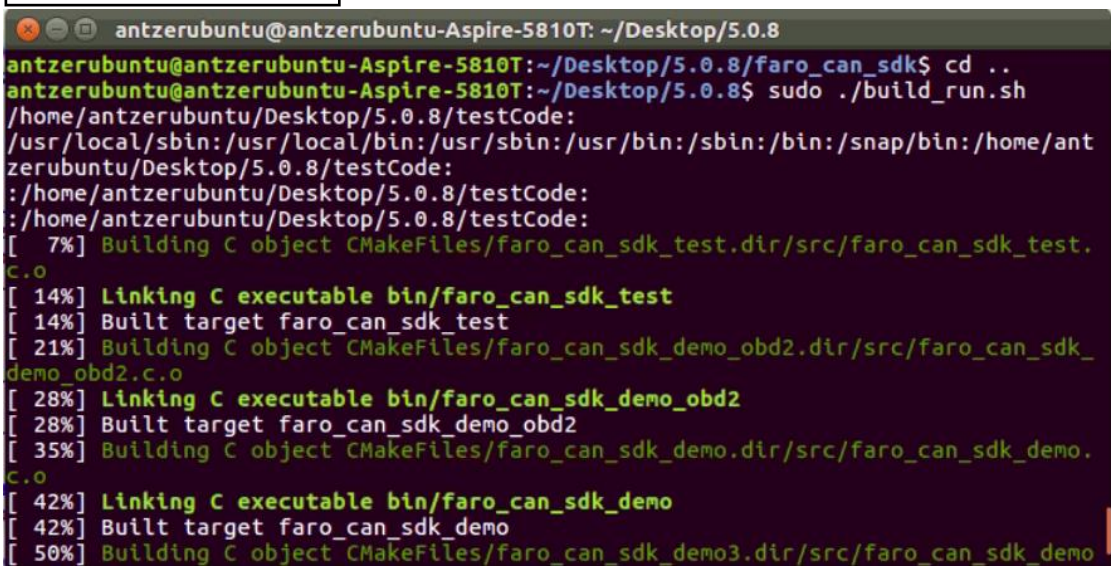


7. Enter into the “faro_can_sdk” folder and execute cmd: **cmake .**

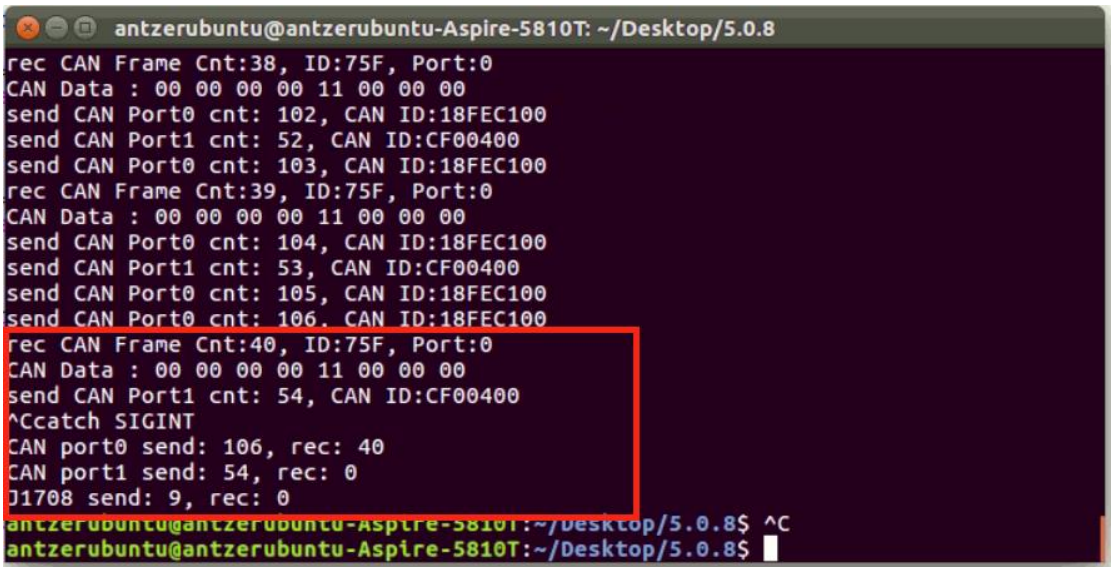


8. Go back to the previous layer to the “5.0.8” folder, and then execute.

sudo ./build_run.sh



9. Confirm whether the data is sending normally.



10. If still not received the data, please check the terminal resistance and CAN bus baud rate.
11. If there is no terminating resistor on the wire, please turn on the corresponding terminating resistor on the switch on the FARO.

5. CAN Function Switch

The Termination Resistor Switch enables the user to change the 120-ohm resistor quickly.

Not requires the specific cable.

FARO-HP Series FARO-FP Series

SW #1: CAN Port 1 Terminal Resistor (Default OFF)
SW #2: NC (Default OFF)
SW #3: CAN Port 0 TX On/Off (Default On)
SW #4: CAN Port 0 Terminal Resistor (Default OFF)
ON: Enable / OFF: Disable