



Automobile Hacking and Security

Find vulnerabilities loopholes and security threats in your own vehicle

2.0v

CAN-UTILS Framework

CAN-UTILS is a framework for communicating with CAN Protocol



CAN-UTILS Framework Installation

1. `sudo apt install libsdl2-dev`
2. `sudo apt install libsdl2-image-dev`
3. `sudo apt install can-utils`

Virtual Car Simulator

`git clone https://github.com/zombieCraig/ICSim.git`

`cd ICSim`

`make`



CAN-UTILS Tool Set

1. `cangen` generates random CAN packets
2. `candump` display and log CAN data into files
3. `cansniffer` display CAN data and perform filtering
4. `canplayer` replay attack on vehicle
5. `cansend` send specific CAN packet on CAN network

