

Command Spreadsheet

Setting up vcan

```
$ sudo modprobe can  
$ sudo modprobe vcan  
$ sudo ip link add dev vcan0 type vcan  
$ sudo ip link set up vcan0
```

icsim

Link: <https://github.com/zombieCraig/ICSim>

Installing it

```
$ sudo apt-get install libsdl2-dev libsdl2-image-dev  
$ make all
```

Running it

```
$ ./icsim vcan0
```

And in a different terminal:

```
$ ./controls vcan0
```

uds-server

Link: <https://github.com/zombieCraig/uds-server>

Installing it

```
$ make
```

```
$ ./uds-server vcan0
```

caringcaribou

Link: <https://github.com/CaringCaribou/caringcaribou>

Installing it

```
$ python setup.py install
```

All tools actually, we can use it for UDS over CAN

```
$ cc.py -i vcan0 uds discovery  
$ cc.py -i vcan0 uds services 0x710 0x 77a
```

Use of can-utils to see packets

See all packets inside the network:

```
$ candump vcan0
```

If we want to log it:

```
$ candump -l vcan0
```

To see changing bytes with cansniffer, -c highlights them in red

```
$ cansniffer -c vcan0
```

Using Ctrl+3+enter refresh the colors and changing bytes