CAN Adapters: Can I use SocketCAN with VSCAN devices?

Yes, it is possible. As of Linux kernel 2.6.38 ASCII protocol (slcan) will be also supported. To use it youâ€™ll ﬁrst need to install can-utils from projectâ€™s git repository. See this tutorial for installation instructions.

For older kernels you can use following patches from main line kernel.

For USB CAN device,Â that is attached to /dev/ttyUSB0 device,Â execute following commands:

slcand -o -s8 -t hw -S 3000000 /dev/ttyUSB0

ip link set up slcan0

Youâ€™ll get your USB CAN operated at 1MBit/s, with candump and cansend you can make ﬁrst send/receive tests.

For Network CAN devices (NetCAN Plus) youâ€™ll ﬁrst need to create a symbolic link to it via socat. Assume your NetCAN Plus has IP address 192.168.254.254, and standard port 2001 for TCP Raw Server Mode. So the required commands are:

socat pty,link=/dev/netcan0,raw tcp:192.168.254.254:2001&

slcand -o -s8 /dev/netcan0

ip link set up slcan0

(c) 2024 VScom <service@visionsystems.de>

CAN Adapters: Can I use SocketCAN with VSCAN devices?

Unique solution ID: #1070
Author: Support
Last update: 2016-03-03 15:03

(c) 2024 VScom <service@visionsystems.de>