

# Simple user guide for ttynvt usage and test

file list:

ttynvt: Network Virtual Terminal main program  
test\_ttynvt: Test program for Network Virtual Terminal  
run\_nvt.sh: Script for running Network Virtual Terminal main program

step 1:

download vcom.tgz to linux file system

step 2:

execute the following command to unzip it

```
[root@localhost user]# tar zxvf vcom.tgz
vcom/
vcom/ttynvt
vcom/run_nvt.sh
vcom/test_ttynvt
[root@localhost user]#
```

step 3:

edit run\_nvt.sh script for the correct IP address and port number properly for your environment

here is the content of run\_nvt.sh for your reference

```
killall ttynvt
./ttynvt -M 199 -m 6 -n ttyNVT0 -S 10.0.177.51:4660
```

step 4:

run the script as root

```
[user@localhost VCOM]$ su
Password:
[root@localhost vcom.old]#
[root@localhost vcom.old]#
[root@localhost vcom.old]#
```

and run the script for executing Network Virtual Terminal

```
[root@localhost user]# cd vcom
[root@localhost vcom]# ./run_nvt.sh
ttynvt: no process found
cuse: device not found, try 'modprobe cuse' first

^C[root@localhost vcom]# modprobe cuse
[root@localhost vcom]# ./run_nvt.sh
ttynvt: no process found
[root@localhost vcom]#
[root@localhost vcom]#
```

if the message below appear:

cuse: device not found, try 'modprobe cuse' first

try to execute the command:

#modprobe cose

and run run\_nvt.sh again

step 5:

run the test program

```
[root@localhost vcom]# ./test_ttyntvnt
usage: ./test_ttyntvnt [options]
Options:
-c          - inactivate RTS signal
-m          - send "hello!" message
-r          - activate RTS signal
-s          - get modem status
-t          - continue test mode

[root@localhost vcom]# █
```

an example of topology and command for the reference

test program on Linux <—network—> Atop se5901 serial server <—serial—> terminal on Windows 10

