

Use ql-tty2tcp to catch qxdm log on Linux&Android

1, ql-tty2tcp:

Use this tool as a bridge between ttyUSBx and TCP socket.

If PC can communicate with your board via TCP socket, then you can use ql-tty2tcp to qxdm log.

2. Compile

```
# gcc ql-tty2tcp.c -o ql-tty2tcp -lpthread
```

Compile and generate: ql-tty2tcp

3. Linux terminal side.

```
# ./ql-tty2tcp -p 9000 -d /dev/ttyUSB0
```

Parameter:

- -p specify bind TCP server port, default 9000
- -d specify forward port, default /dev/ttyUSB0

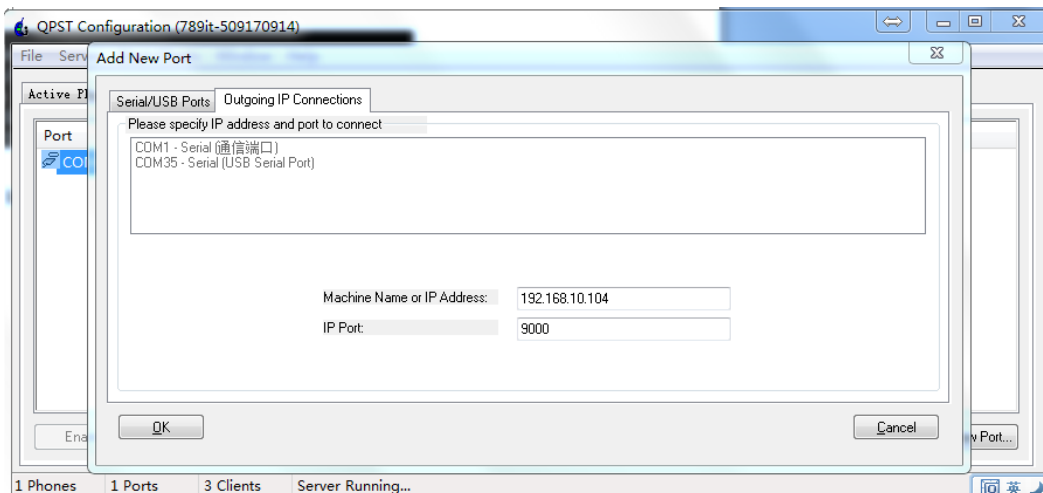
Screenshot

```
root@ubuntu:~# ./ql-tty2tcp
swap_sources ( s:9000 <-> c:/dev/ttyUSB0 ) fifo_size=524288
create_socket_server( 9000 )
tcp server: 9000 sockfd = 3
create_socket_server( serverfd=3 )
```

Use Windows QPST

If Windows PC can communicate with device via Ethernet (cable).

Set IP Address and IP Port on QPST



If connect successfully, you will see the TCP client connection information on Linux terminal

```
root@ubuntu:~# ./ql-tty2tcp
swap_sources ( s:9000 <-> c:/dev/ttyUSB0 ) fifo_size=524288
create_socket_server( 9000 )
tcp server: 9000 sockfd = 3
create_socket_server( serverfd=3 )
sa_family = 2
clientfd = 4 192.168.139.1:25974 connect
wait_client_connect( clientfd=4 )
open /dev/ttyUSB0 ttyfd = 5
swap_fds fds={4, 5}, client_funcs={(nil), (nil)}, fifo_sizes={524288, 524288}
█
```

QPST Connected indication

