********DRAFT********

SLIP for Ultibo
UART Following
Synapase

03/25/20

********DRAFT********

This test was run on 03/25/20.

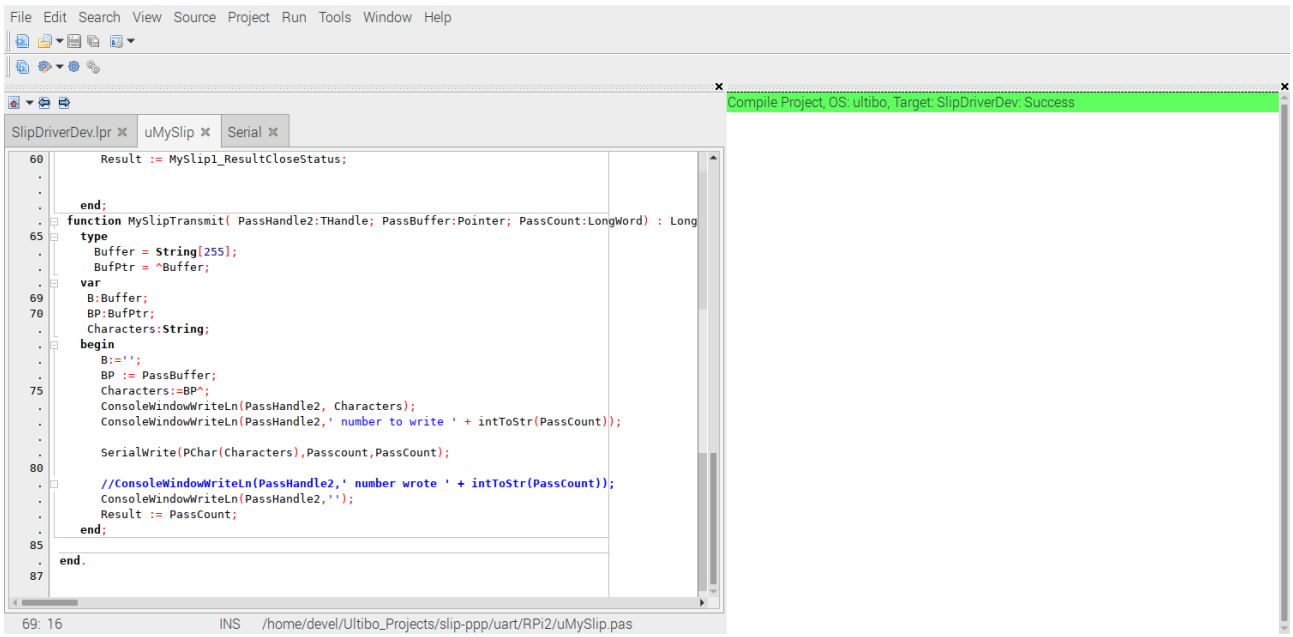
```
00000000   41 42 43 31  32 33 34 35  0A 41 42 43  31 32 33 34  ABC12345.ABC1234
00000010   35 0A 41 42  43 31 32 33  34 35 36 37  38 39 30 41  5.ABC1234567890A
00000020   42 43 31 32  33 34 35 36  37 38 39 30  0A           BC1234567890.
```

Compile time is less than a min. Using Lazarus FPC.

```
devel@mypi3-15:~/Ultibo_Projects/slip-ppp/uart/RPi2 $ ./upker7.sh
Updating kernel7.img
tftp> tftp> Sent 2837720 bytes in 14.8 seconds
tftp> done
```

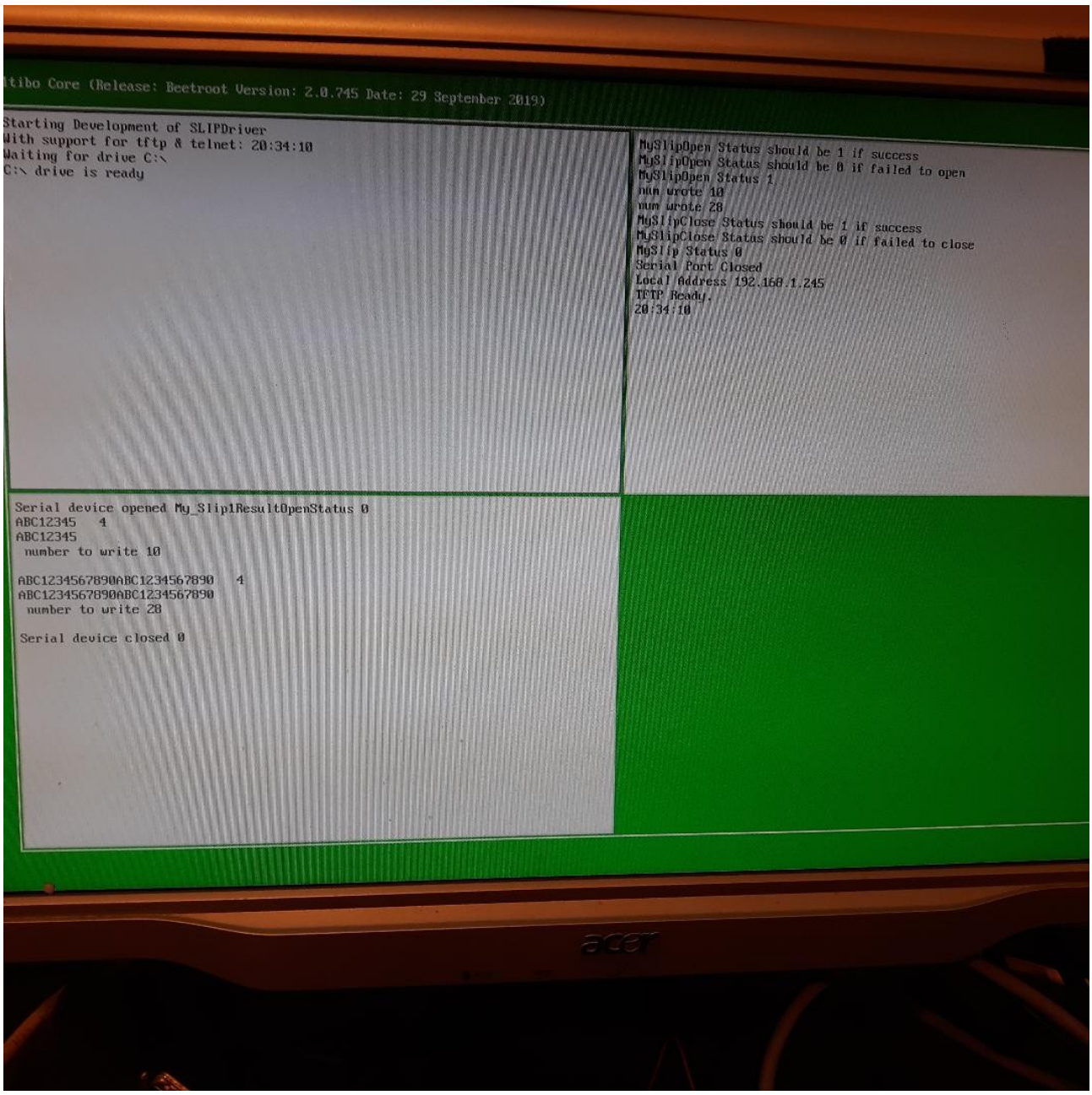
-rwxr-xr-x 1 devel devel 2837720 Mar 26 12:56 kernel7.img

Time to reboot after the transfer of kernel7.img completed 31.79 sec.

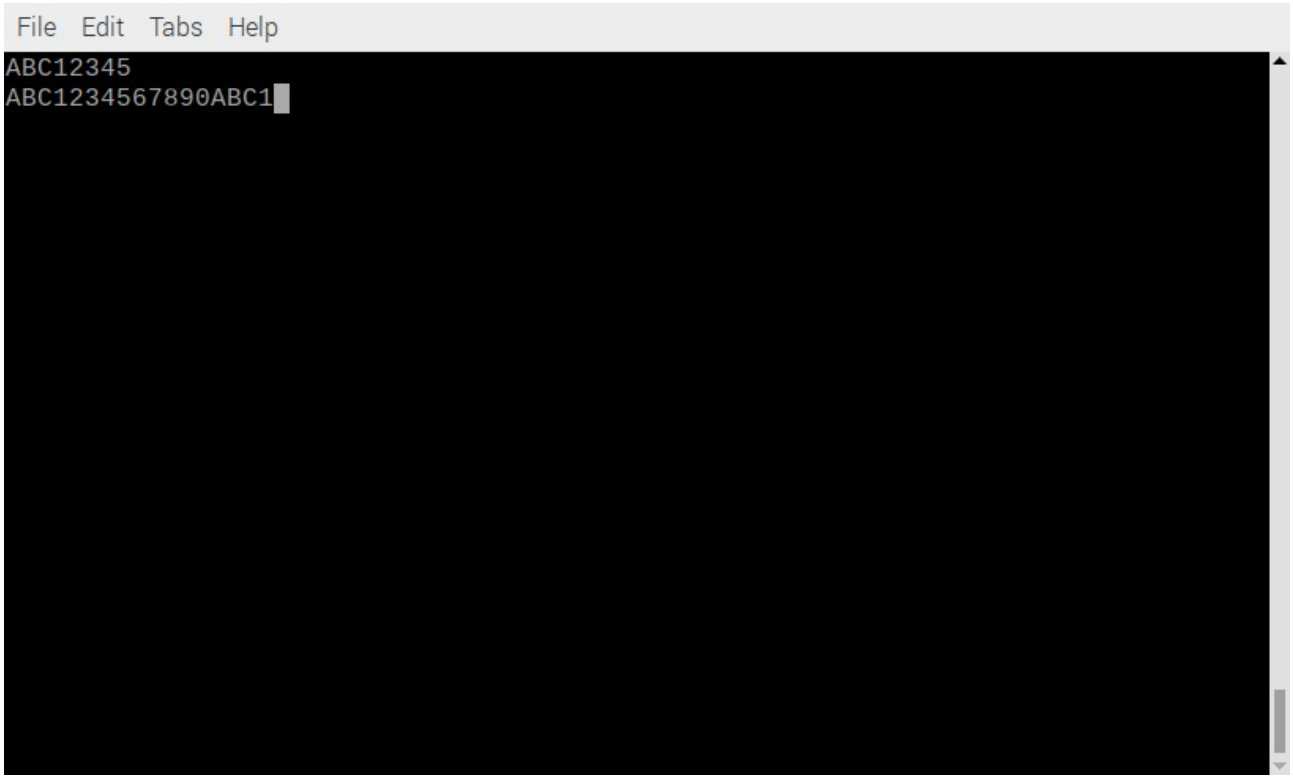


https://github.com/develone/Ultibo_Projects/tree/master/slip-ppp/uart/RPi2

Ultibo Test System.


tibo Core (Release: Beetroot Version: 2.0.745 Date: 29 September 2019)
Starting Development of SLIPDriver
With support for tftp & telnet: 20:34:10
Waiting for drive C:\
C:\ drive is ready
MySlipOpen Status should be 1 if success
MySlipOpen Status should be 0 if failed to open
MySlipOpen Status 1
num wrote 10
num wrote 28
MySlipClose Status should be 1 if success
MySlipClose Status should be 0 if failed to close
MySlip Status 0
Serial Port Closed
Local Address 192.168.1.245
TFTP Ready.
20:34:10
Serial device opened My_Slip1ResultOpenStatus 0
ABC12345 4
ABC12345
number to write 10
ABC1234567890ABC1234567890 4
ABC1234567890ABC1234567890
number to write 28
Serial device closed 0
acer

Minicom


File Edit Tabs Help
ABC12345
ABC1234567890ABC1