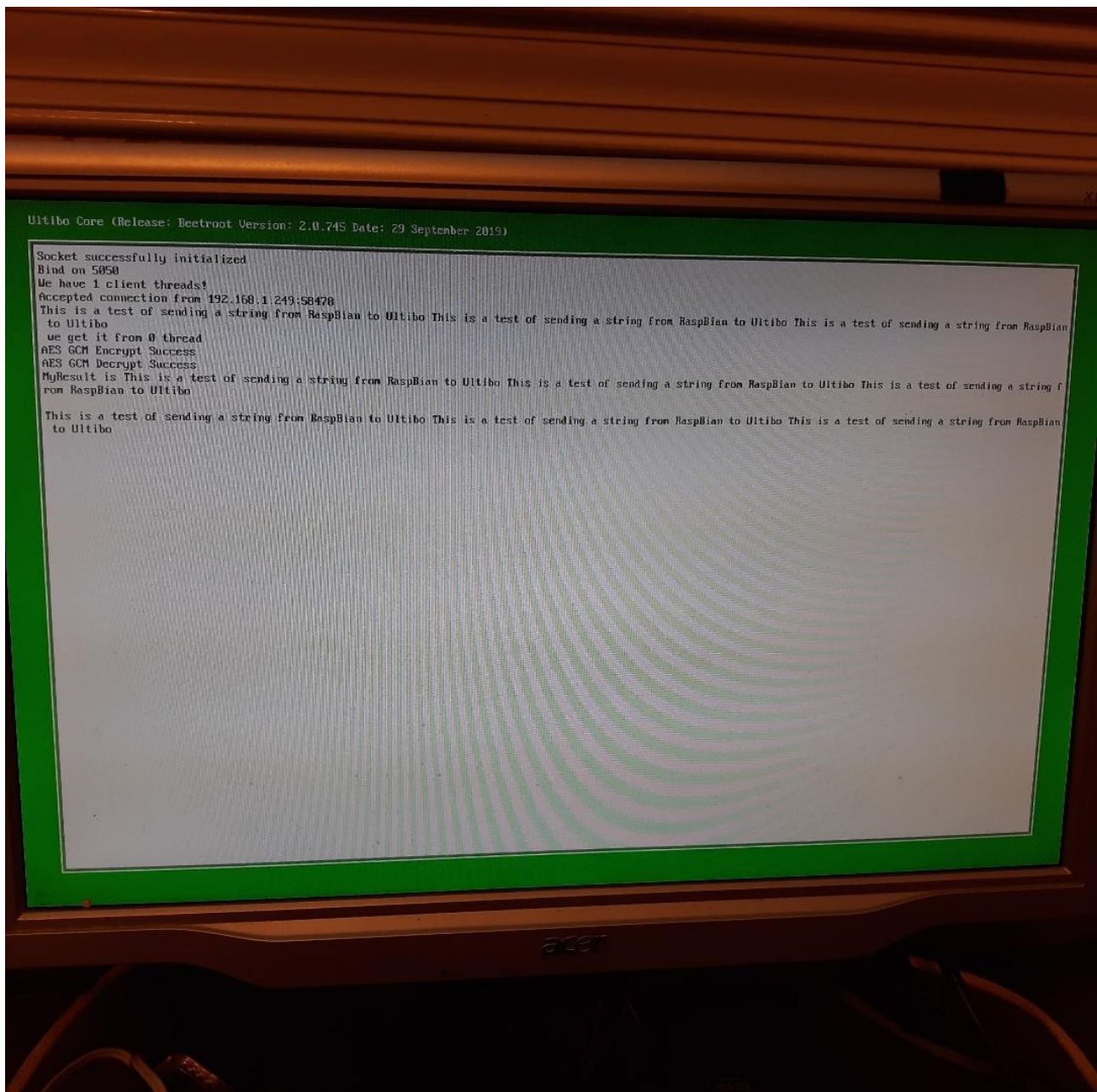


*****Draft*****

Crypto-Socket
Using AraratSnyapse Library
05/26/20

*****Draft*****

Now The string that is sent is copied to MyData and the AESGCMEncryptData & AESGCMDecryptData is performed.



Background: Started with 2 projects test_crypto.lpi & Srv.lpi from github devlone Ultibo_Projects.

Commad line using FPC

Step 1

. ~/fpc.sh

Step 2

cd Ultibo_Projects/Crypto-Socket/Rpi3/ or cd Ultibo_Projects/Crypto-Socket/RPi2/

Step 3

compile

fpc -vi -B -Tultibo -Parm -CpARMV7A -WpRPI3B -Fu../../AraratSynapse
@/home/devel/ultibo/core/fpc/bin/RPI3.CFG -O2 Srv.lpr

or

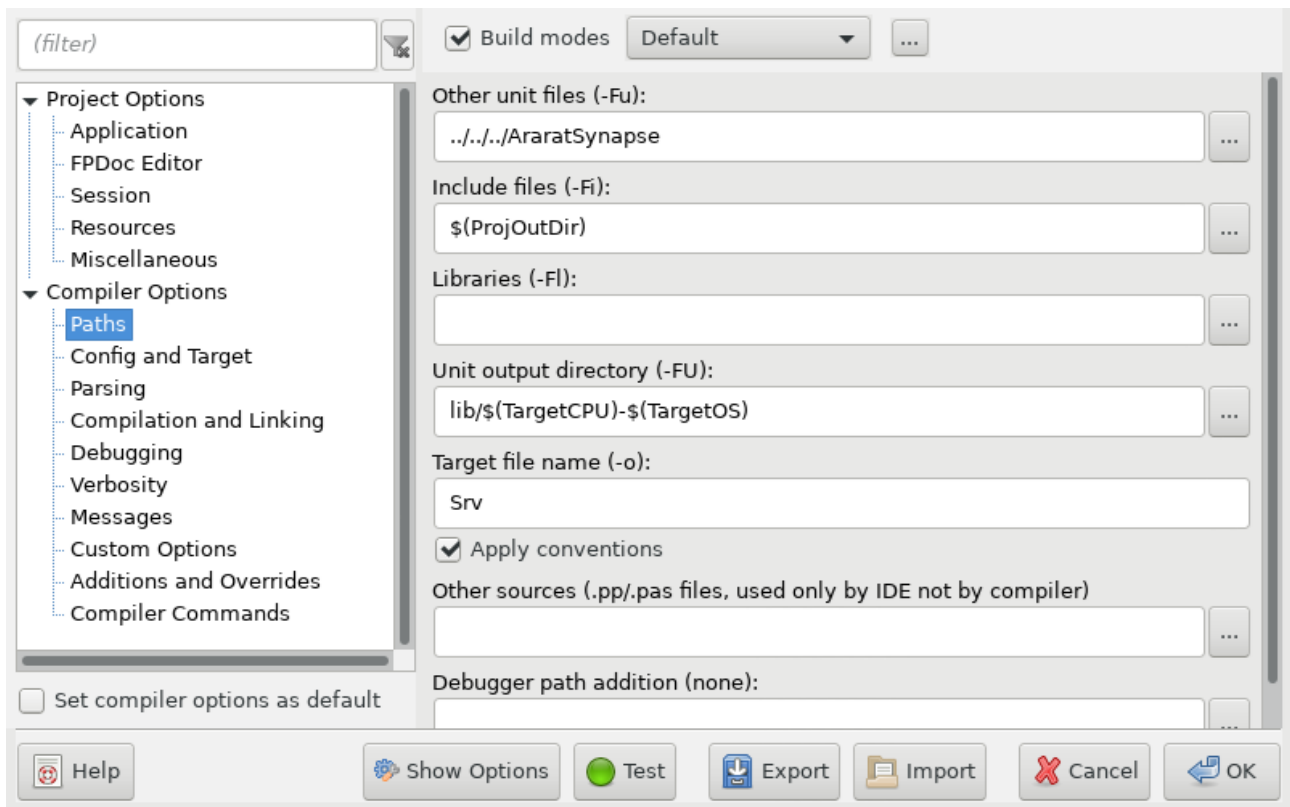
fpc -vi -B -Tultibo -Parm -CpARMV7A -WpRPI2B -Fu../../AraratSynapse
@/home/devel/ultibo/core/fpc/bin/RPI2.CFG -O2 Srv.lpr
Transfer kernel7.img

To transfer kernel7.img

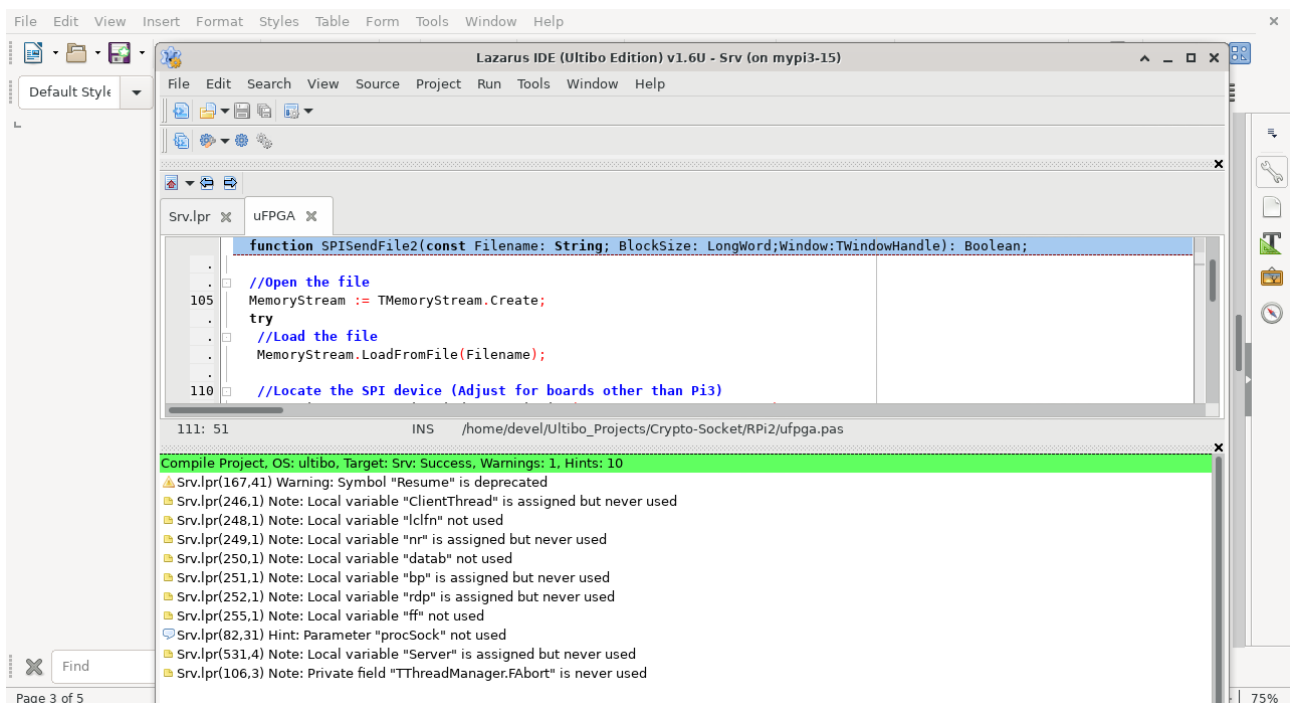
tftp 192.168.1.69 < cmdstftp

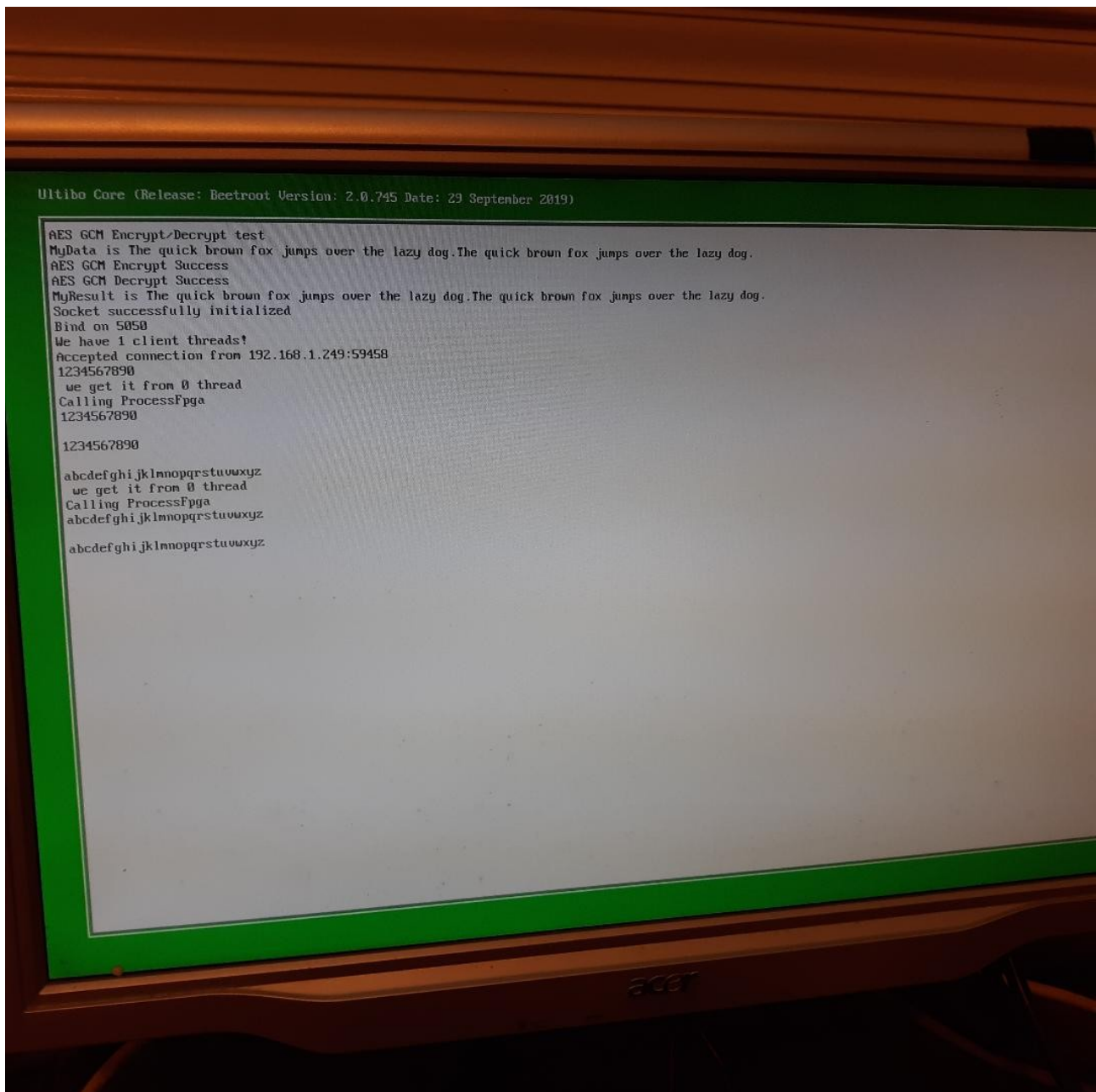
tftp> tftp> Sent 2701996 bytes in 5.3 seconds

Compiling with Lazaraus.



Depress Run/Compile





Telnet

File Edit View Terminal Tabs Help

```
Assembling srv
Linking Srv
13707 lines compiled, 2.7 sec, 2636686 bytes code, 89000 bytes data
1 warning(s) issued
13 note(s) issued
devel@mypi3-15:~/Ultibo_Projects/Crypto-Socket/RPi2 $ tftp 192.168.1.69 < cmdstf
tp
tftp> tftp> Sent 2701996 bytes in 5.3 seconds
tftp> devel@mypi3-15:~/Ultibo_Projects/Crypto-Socket/RPi2 $ ping 192.168.1.69
PING 192.168.1.69 (192.168.1.69) 56(84) bytes of data.
64 bytes from 192.168.1.69: icmp_seq=2 ttl=128 time=0.651 ms
64 bytes from 192.168.1.69: icmp_seq=3 ttl=128 time=0.630 ms
64 bytes from 192.168.1.69: icmp_seq=4 ttl=128 time=0.596 ms
^C
--- 192.168.1.69 ping statistics ---
4 packets transmitted, 3 received, 25% packet loss, time 133ms
rtt min/avg/max/mdev = 0.596/0.625/0.651/0.036 ms
devel@mypi3-15:~/Ultibo_Projects/Crypto-Socket/RPi2 $ telnet 192.168.1.69 5050
Trying 192.168.1.69...
Connected to 192.168.1.69.
Escape character is '^]'.
1234567890
abcdefghijklmnopqrstuvwxyz
█
```