Using module usbmon with with Wireshark to Examine what is sent to pico using picotool 05/16/22

Found at the site

https://technolinchpin.wordpress.com/2015/10/23/usb-bus-sniffers-for-linux-system/

sudo apt-get install wireshark

Should non-superusers be able to capture packets?

 $sudo\ lsmod\ |\ grep\ \hbox{--}i\ usbmon$

usbmon 32768 0

sudo or as root **modprobe usbmon**

sudo or as root wireshark

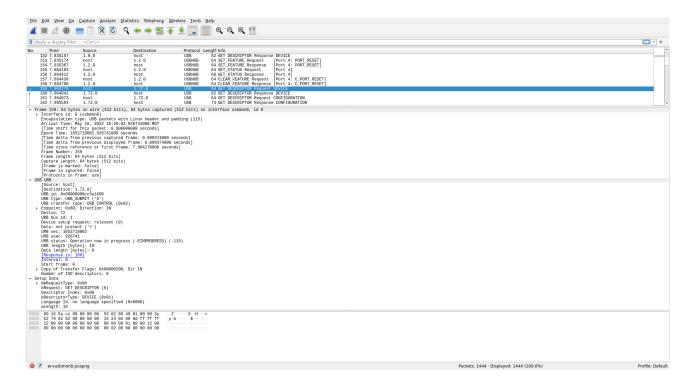
devel@pi4-27:~/rp2040-freertos-project/build/test-read \$ sudo ~/picotool/build/picotool load -f -v test-read.elf

The device was asked to reboot into BOOTSEL mode so the command can be executed.

Loading into Flash: [=======] 100% Verifying Flash: [========] 100% OK

The device was asked to reboot back into application mode.

In the file "~/rp2040-freertos-project/doc/wireshark/w-vusbmon0.pcapng" starting at time 159 7.964170 host 1.72.0 to 830 9.822218.



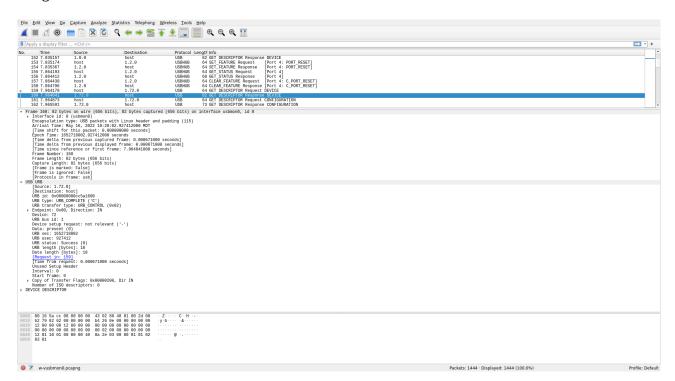
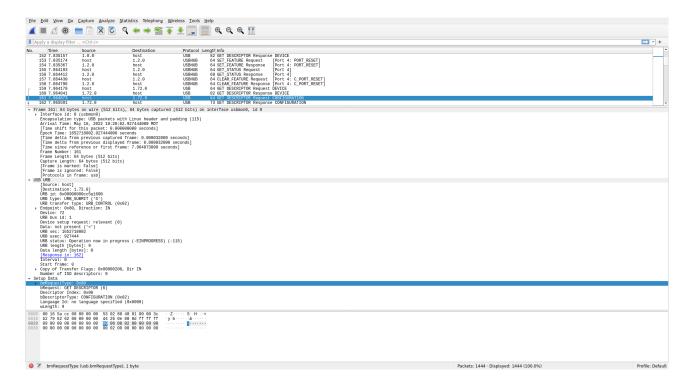
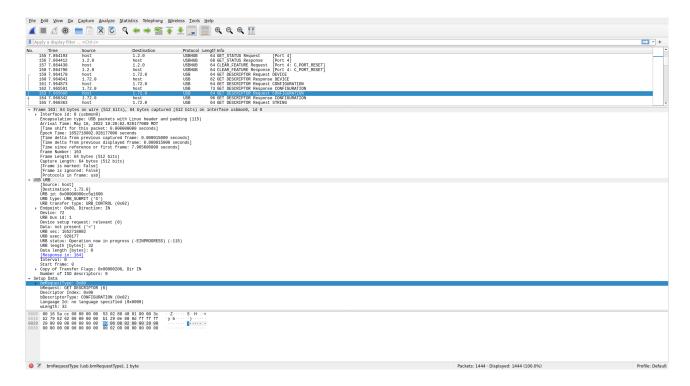


image 2



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| Pic | Set | Year | 20 | Capture Brodyne Statistics | Total period | Total perio
```

image 4



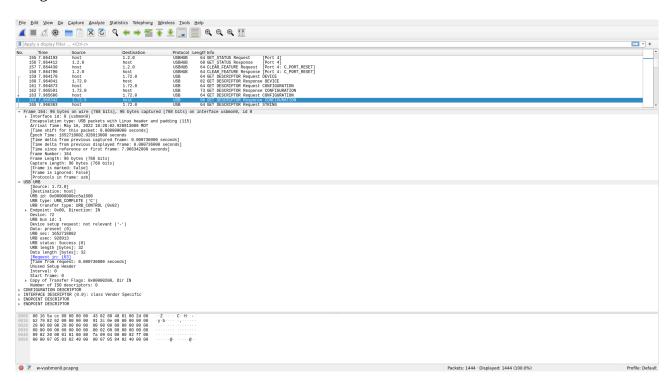


image 6

