

The pico was programmed with “uart_advanced.uf2”.

```
File Edit Tabs Help
Hello, uart interrupts
```

This is running on the pi400-1 The character 1234567890 were typed. The received characters started at 23456789:1.

```
File Edit Tabs Help
23456789:1

+-----+
| A -   Serial Device       : /dev/ttyUSB0
| B - Lockfile Location     : /var/lock
| C -   Callin Program      :
| D -   Callout Program     :
| E -   Bps/Par/Bits        : 115200 8N1
| F - Hardware Flow Control : No
| G - Software Flow Control : No
|
|   Change which setting? 
+-----+

| Screen and keyboard |
| Save setup as dfl   |
| Save setup as..     |
| Exit                |
+-----+

CTRL-A Z for help | 115200 8N1 | NOR | Minicom 2.7.1 | VT102 | Offline | tyU
```

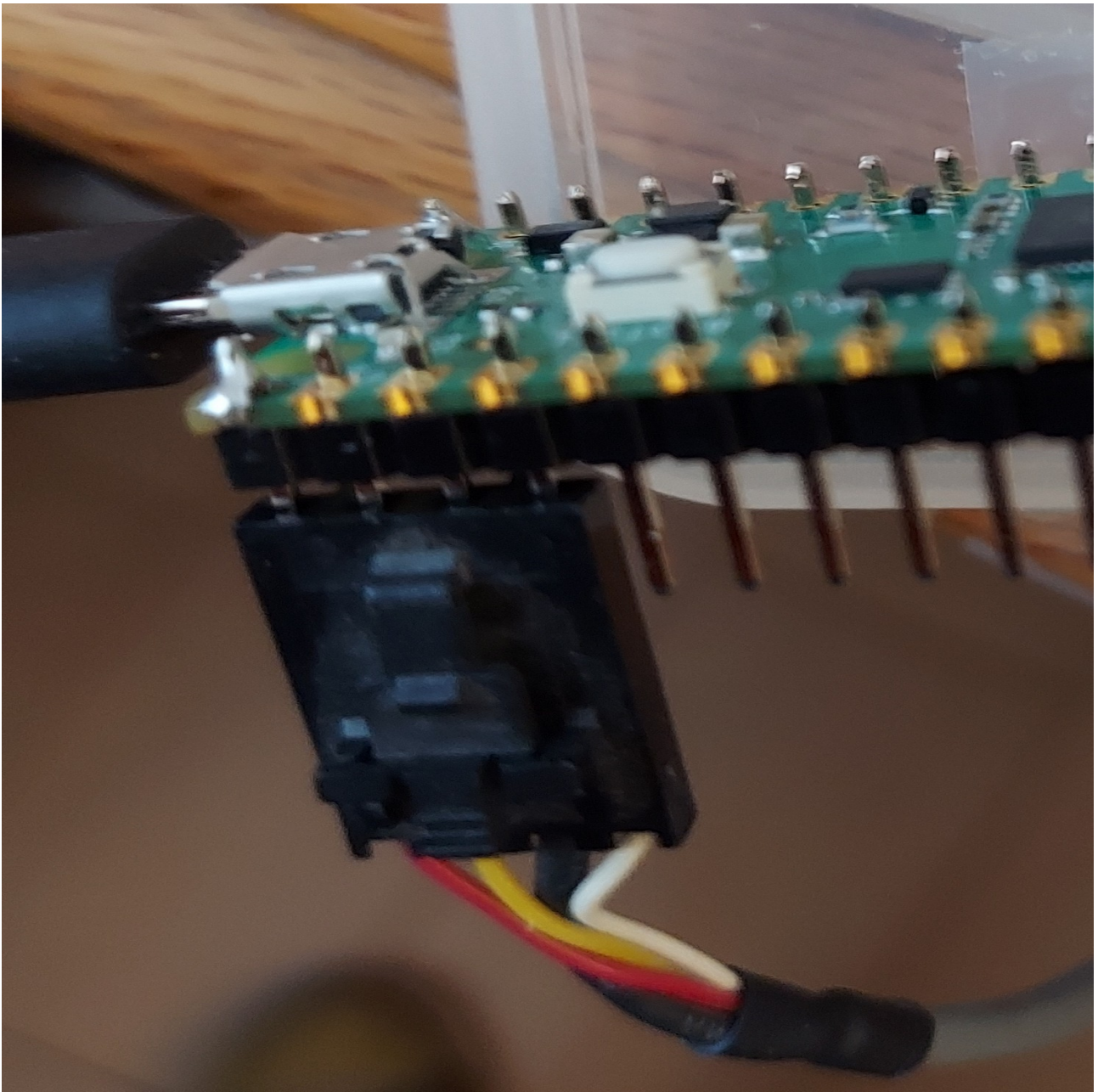
From the getting started

4.1. Serial input and output on Raspberry Pi Pico

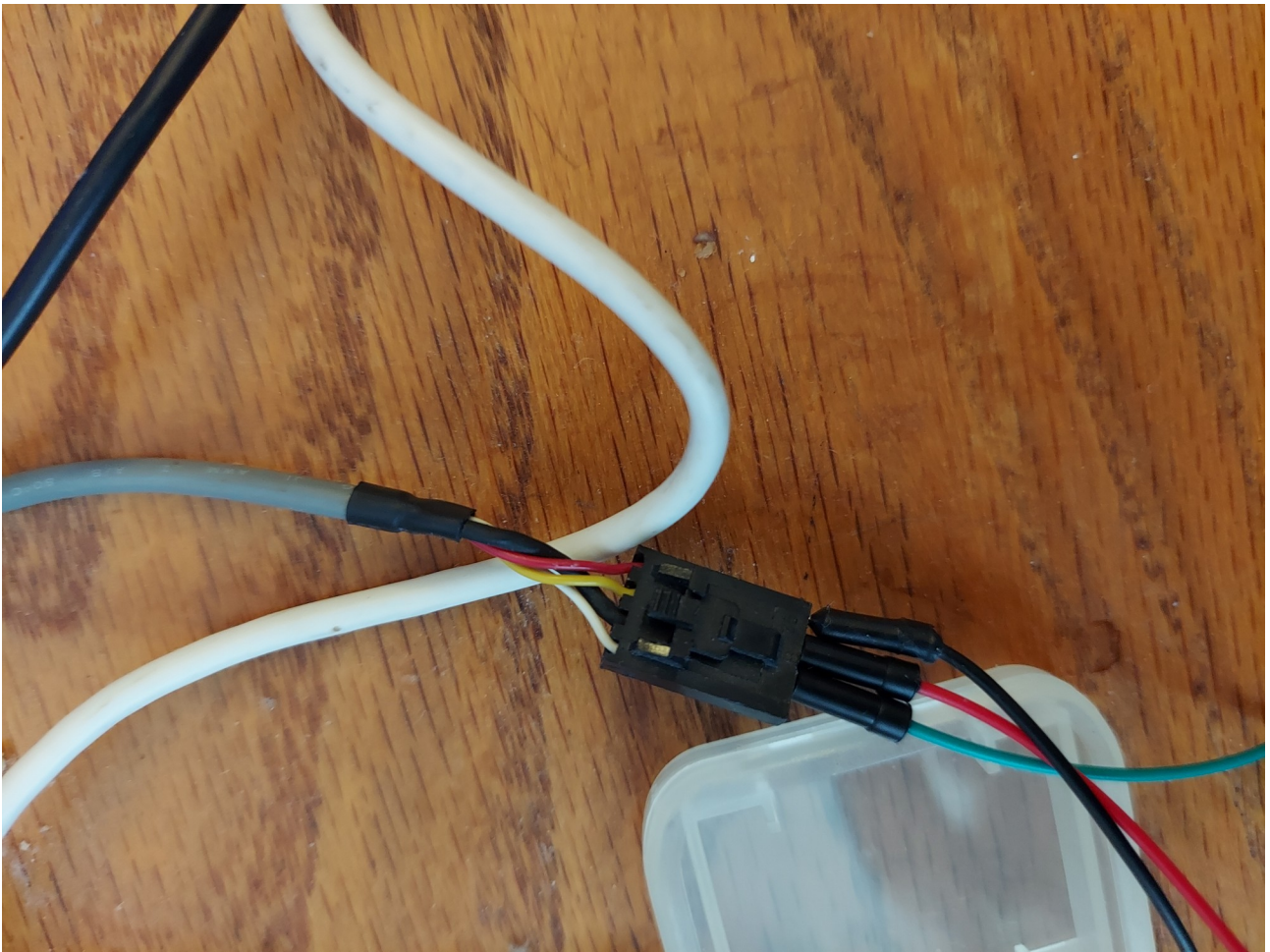
Serial input (`stdin`) and output (`stdout`) can be directed to either serial UART or to USB CDC (USB serial). However by default `stdio` and `printf` will target the default Raspberry Pi Pico UART0.

Default UART0	Physical Pin	GPIO Pin
GND	3	N/A
UART0_TX	1	GP0
UART0_RX	2	GP1

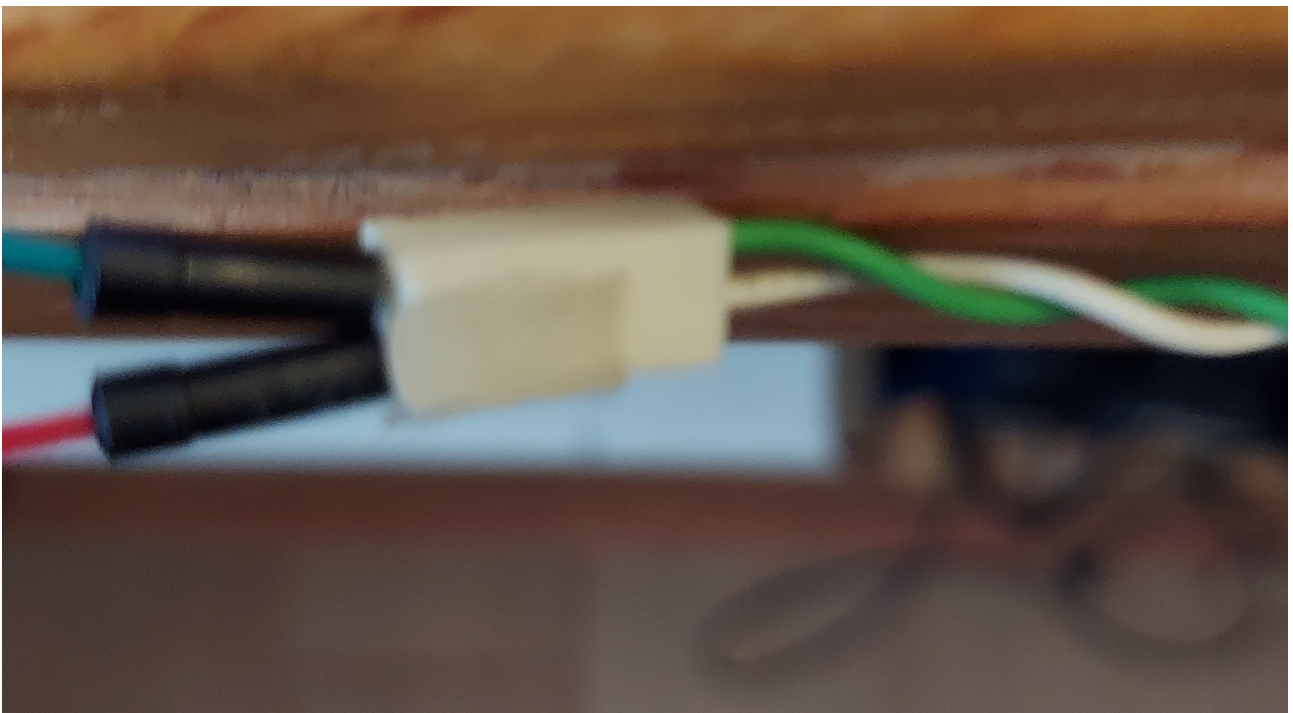
Uart Advanced
pico pin 1 red GP0
pico pin 2 yellow GP1
pico pin 3 blue GRD



Pin 1 red is continued as black.
Pin 2 yellow is continued as red.
Pin 3 blue is continued as green.



red black
yellow red continues as white pin 5 pmodusb.
blue green continues as green pin 3 pmodusb.



The blue wire is connected to a 2 pin blue. The output of the end which is extended to black wire is connector to pmodusb pin 2 which is the RX.



The end blue continues black to bin 2 of pmodusb RX



ttyUSB0

```
File Edit Tabs Help

Hello, uart interrupts

+-----+
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|                                         |
|   Change which setting? █              |
+-----+

| Screen and keyboard |
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CTRL-A Z for help | 115200 8N1 | NOR | Minicom 2.7.1 | VT102 | Offline | tyUSB0
```

When you connect the pico to USB of the RPi4.
Line 80 `uart_puts(UART_ID, "\nHello, uart interrupts\n");`

File Edit Tabs Help

```
Hello, uart interrupts
```