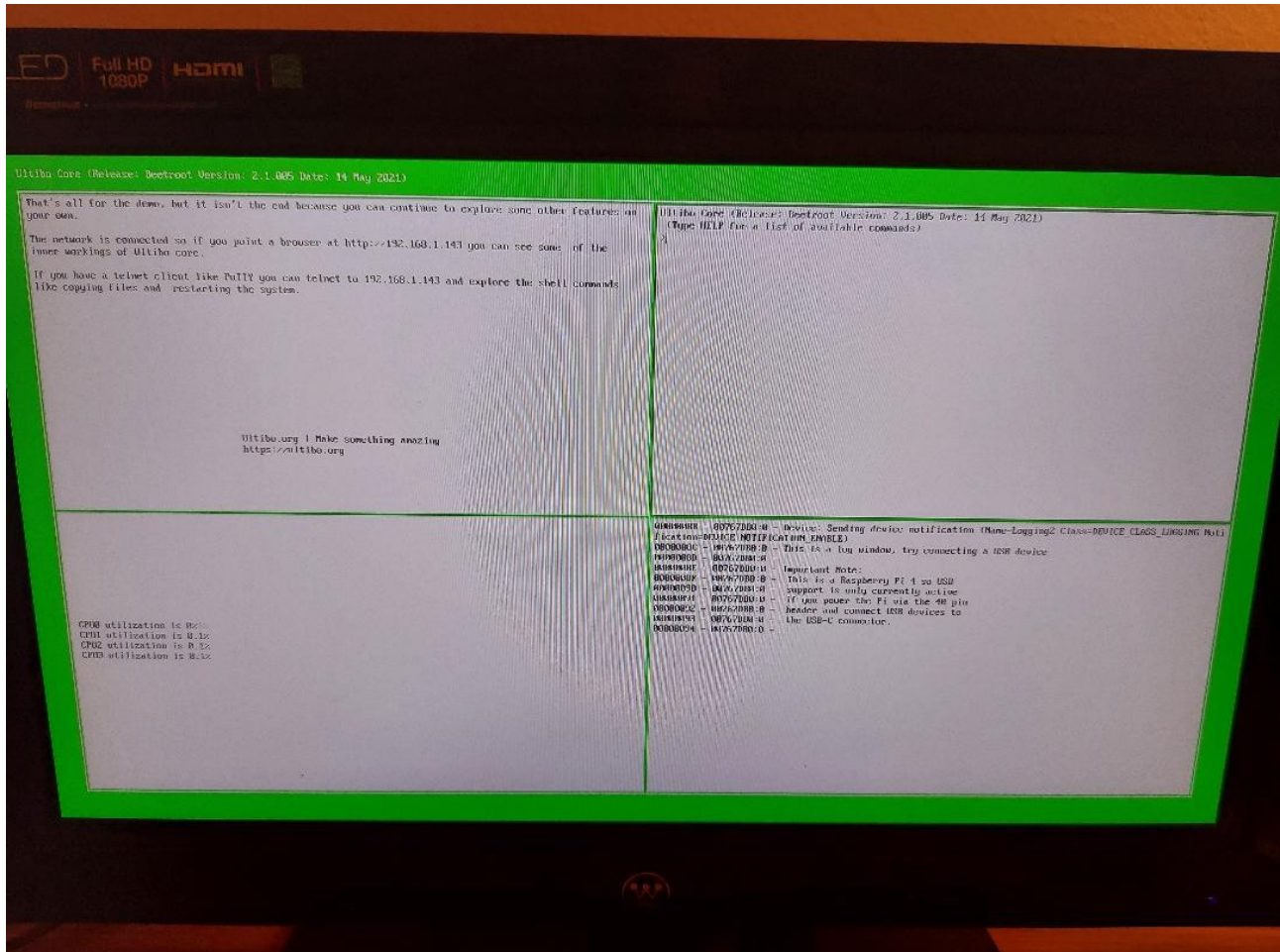


*****Draft*****
The first boot running Demo Rpi4B \$Gb
05/16/21
*****Draft*****



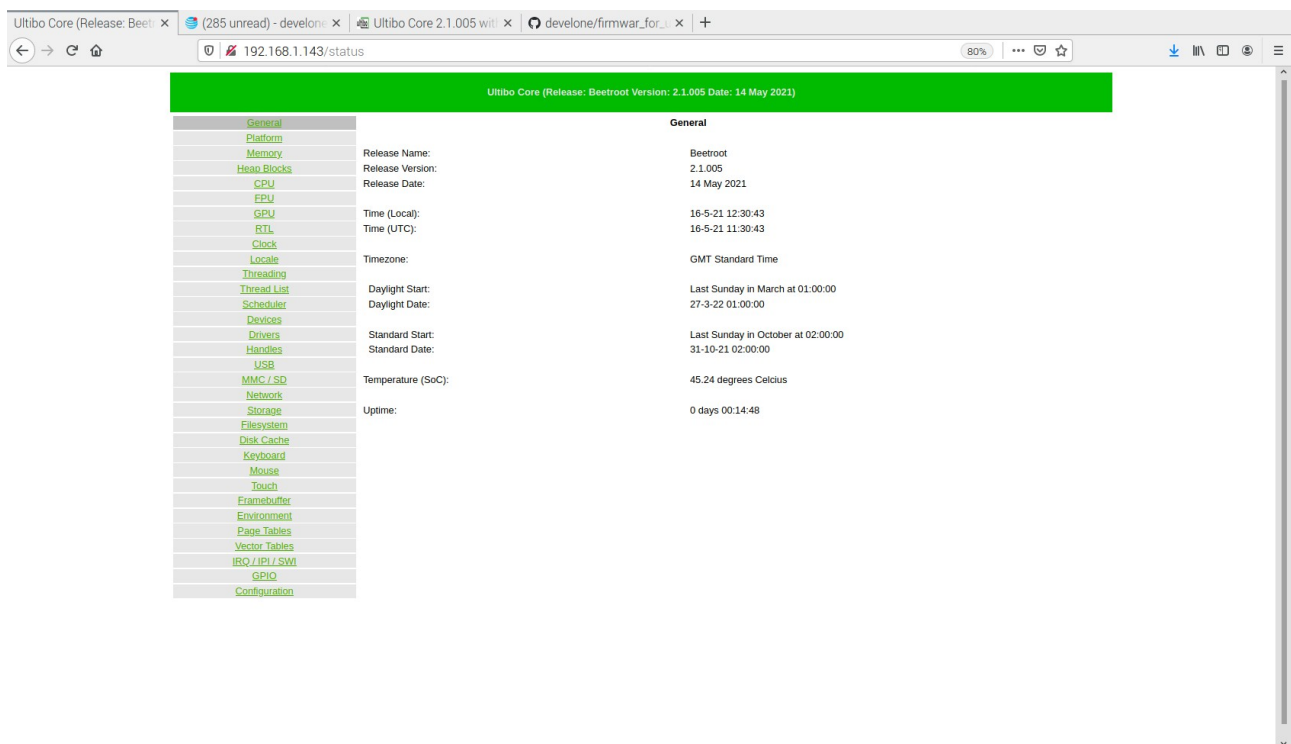
This using telnet to see the files on the SD of Rpi4 running the latest Ultibo Version

```
File Edit Tabs Help
Ultibo Core (Release: Beetroot Version: 2.1.005 Date: 14 May 2021)
(Type HELP for a list of available commands)
Directory of C:\

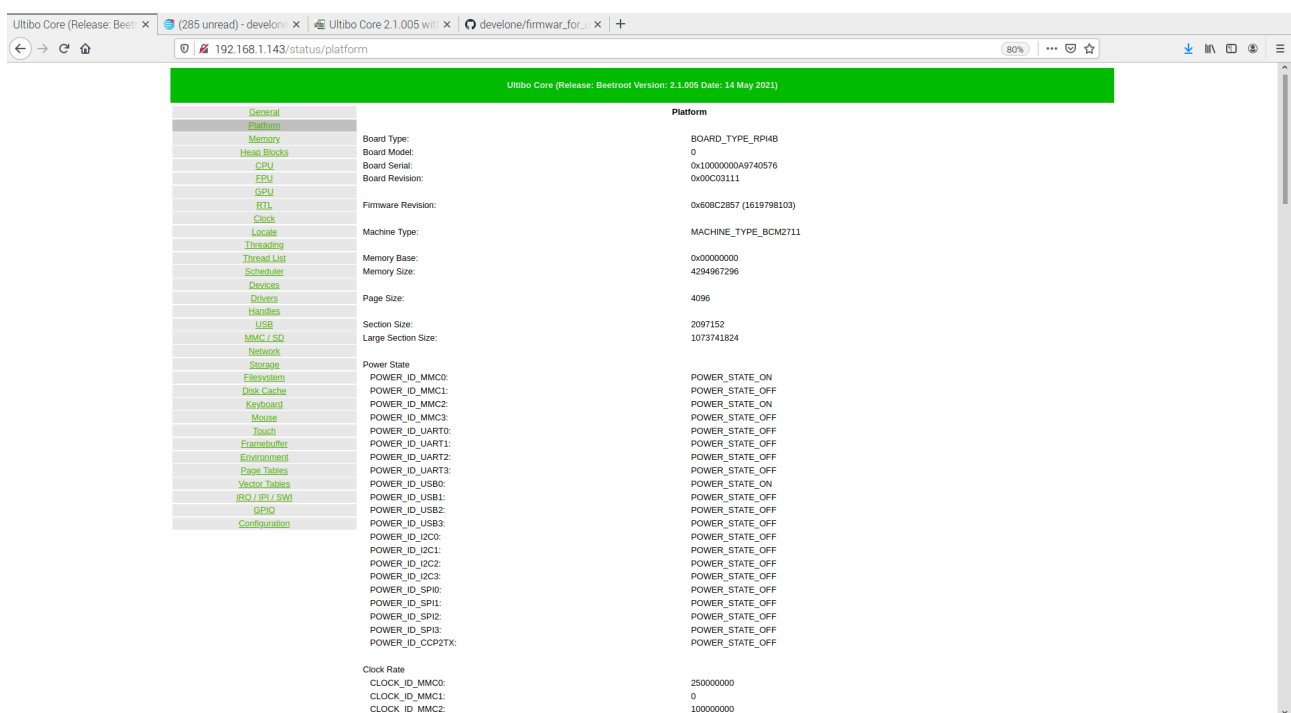
16-5-21 11:00:12          3008312 kernel7l.img
16-5-21 10:00:58           52456 bootcode.bin
16-5-21 10:00:58           8451 fixup4x.dat
16-5-21 10:00:58        2231712 start4.elf
16-5-21 10:00:58        2983816 start4x.elf
16-5-21 10:47:36          1858 config.txt
16-5-21 12:18:44          <DIR>      My Files
        6 file(s) 8286605 bytes
        1 dir(s)

C:\>
```

General



Platform



Environment

Memory

Ultibo Core (Release: Beetroot Version: 2.1.005 Date: 14 May 2021)

General	Memory	
Platform		
Memory		
Heap Blocks	Initial Heap	
CPU	INITIAL_HEAP_SIZE	65536
FPU	INITIAL_HEAP_BASE	0x00F8000
GPU	Heap Status	
RTL	TotalAddrSpace:	3079700736
Clock	TotalUncommitted:	3041987960
Locale	TotalCommitted:	37712776
Threading	TotalAllocated:	37712776
Thread List	TotalFree:	3041987960
Scheduler	FreeSmall:	0
Devices	FreeBig:	0
Drivers	Unused:	3041987960
Handles	Overhead:	0
USB	HeapErrorCode:	0
MMC / SD	FPC Heap Status	
Network	MaxHeapSize:	3079700736
Storage	MaxHeapUsed:	47007336
Filesystem	CurHeapSize:	3079700736
Disk Cache	CurHeapUsed:	37715984
Keyboard	CurHeapFree:	3041984752
Mouse	Heap Statistics	
Touch	HEAP_STATISTICS not defined	
Framebuffer	Heap Blocks	
Environment	FreeHeapBlockCount:	847
Page Tables	FreeHeapBlockMin:	48
Vector Tables	FreeHeapBlockMax:	2147483648
IRQ / IPI / SWI	UsedHeapBlockCount:	5996
GPIO	UsedHeapBlockMin:	36
Configuration	UsedHeapBlockMax:	16806788

Ultibo Core (Release: Beetroot Version: 2.1.005 Date: 14 May 2021)

General	Environment	
Platform		
Memory		
Heap Blocks	Command Line	
CPU	argc:	19
FPU	ParamCount:	18
GPU	ParamStr(0):	kernel71.img
RTL	ParamStr(1):	bcm2708_fb_fbwidth=1824
Clock	ParamStr(2):	bcm2708_fb_fbheight=984
Locale	ParamStr(3):	bcm2708_fb_fbswap=1
Threading	ParamStr(4):	dma.dmachans=0x37f5
Thread List	ParamStr(5):	bcm2709_boardrev=0xc03111
Scheduler	ParamStr(6):	bcm2709_serial=0xa9740576
Devices	ParamStr(7):	bcm2709_uart_clock=48000000
Drivers	ParamStr(8):	bcm2709_disk_led_gpio=42
Handles	ParamStr(9):	bcm2709_disk_led_active_low=0
USB	ParamStr(10):	smc95xx.macaddr=DC:A6:32:27:E2:20
MMC / SD	ParamStr(11):	vc_mem.mem_base=0x2ec00000
Network	ParamStr(12):	vc_mem.mem_size=0x40000000
Storage	ParamStr(13):	console=tyAMA0.115200
Filesystem	ParamStr(14):	kgdboc=tyAMA0.115200
Disk Cache	ParamStr(15):	console=ty1
Keyboard	ParamStr(16):	root=/dev/mmcblk0p2
Mouse	ParamStr(17):	rootfstype=ext4
Touch	ParamStr(18):	rootwait
Framebuffer	Environment Variables	
Environment	GetEnvironmentVariableCount:	18
Page Tables	GetEnvironmentString(1):	bcm2708_fb_fbwidth=1824
Vector Tables	GetEnvironmentString(2):	bcm2708_fb_fbheight=984
IRQ / IPI / SWI	GetEnvironmentString(3):	bcm2708_fb_fbswap=1
GPIO		
Configuration		