

- 1 Bugs in the book's \*.jdeb
- 2 Problems in running Ozo
  - 2.1 Debug-session does
  - 2.2 Ozone does not exit
- 3 Troubleshooting debugge
  - 3.1 Console output for a

```
(0x08000200-0x08007A50)
RTT active
Debug.SetConnectMode (CM_DOWNLOAD_RESET);
Debug.Start();
Device "STM32F767ZI" selected.
Found SW-DP with ID 0x9BA02477
Found SW-DP with ID 0x9BA02477
DPv0 detected
Scanning AP map to find all available APs
AP[1]: Stopped AP scan as end of AP map has been reached
AP[0]: AHB-AP (IDR: 0x74770001)
Iterating through AP map to find AHB-AP to use
AP[0]: Core found
AP[0]: AHB-AP ROM base: 0xE00FD000
CPUID register: 0x411FC270. Implementer code: 0x41 (ARM)
Found Cortex-M7 rlp0, Little endian.
FPUnit: 8 code (BP) slots and 0 literal slots
CoreSight components:
ROMTbl[0] @ E00FD000
ROMTbl[0][0]: E00FE000, CID: B105100D, PID: 000BB4C8 ROM Table
ROMTbl[1] @ E00FE000
ROMTbl[1][0]: E00FF000, CID: B105100D, PID: 000BB4C7 ROM Table
ROMTbl[2] @ E00FF000
ROMTbl[2][0]: E000E000, CID: B105E00D, PID: 000BB00C SCS-M7
ROMTbl[2][1]: E0001000, CID: B105E00D, PID: 000BB002 DWT
ROMTbl[2][2]: E0002000, CID: B105E00D, PID: 000BB00E FPB-M7
ROMTbl[2][3]: E0000000, CID: B105E00D, PID: 000BB001 ITM
ROMTbl[1][1]: E0041000, CID: B105900D, PID: 001BB975 ETM-M7
ROMTbl[0][1]: E0040000, CID: B105900D, PID: 000BB9A9 TPIU-M7
Cache: Separate I- and D-cache.
I-Cache L1: 16 KB, 256 Sets, 32 Bytes/Line, 2-Way
D-Cache L1: 16 KB, 128 Sets, 32 Bytes/Line, 4-Way
Connected to target device.
Reset: Halt core after reset via DEMCR.VC_CORERESET.
Reset: Reset device via AIRCR.SYSRESETREQ.
Elf.GetBaseAddr(); // returns 0x8000000
Target.ReadU32 (0x08000000); // returns 0x20080000
Target.SetReg ("SP", 0x20080000);
Target.ReadU32 (0x08000004); // returns 0x8007959
Target.SetReg ("PC", 0x8007959);
J-Link: Flash download: Bank 0 @ 0x08000000: Skipped. Contents already match
Elf.GetBaseAddr(); // returns 0x8000000
Target.ReadU32 (0x08000000); // returns 0x20080000
Target.SetReg ("SP", 0x20080000);
Target.ReadU32 (0x08000004); // returns 0x8007959
Target.SetReg ("PC", 0x8007959);
Startup complete (PC=0x080076C8)
Executed J-Link command "SetRTTAddr 0x2000535c"
Debug.Continue();
```

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