



Disable serial console from userland (linux)

uwe Jan 12th 2022



uwe

[Beginner]

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Jan 12th 2022

Hello,

I use a APU2 board with coreboot.

I have only a remote data connection to this device (with Debian 10 Linux).

Is it possible to disable the serial console in coreboot with nvramtool?

I need this because an attached serial device sends permanent data to the serial port and this stops booting up after a restart.

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I found an answer to my question. 😊

You can change the parameters when you use the combination of flashrom and cbfstool. cbfstool is located in util directory of coreboot.

What to do:

1. read actual BIOS: flashrom -p internal -r coreboot.bin
2. extract BIOS parameters: cbfstool coreboot.bin extract -n bootorder -f bootorder
3. change Parameters in file bootorder
4. make a copy of the original bios: cp coreboot.bin coreboot2.bin
5. remove old BIOS parameters: cbfstool coreboot2.bin remove -n bootorder
6. add new BIOS parameters: cbfstool coreboot2.bin add -n bootorder -f bootorder -t raw
7. flash new BIOS with new parameters: flashrom -p internal -w coreboot2.bin

Uwe

The post was edited 1 time, last by uwe (Jan 14th 2022).



mkopec

[Administrator]

Feb 16th 2022

Hello @uwe

I'm glad you found a solution, but now we have an easier solution for this:
<https://github.com/pcengines/cb-order/> (<https://github.com/pcengines/cb-order/>)

Feel free to try it out

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