

Frequently Asked Questions

BME554L (Spring 2026)

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MacOS Troubleshooting

Ejection Warnings & Serial Communication Blocks

The MacOS can try to mount your development kit as a storage device, and this can (a) interfere with flashing the device, (b) prevent you from seeing VCOM port output, and (c) annoyingly pop up a warning dialog window saying that your storage device was not unmounted properly. To avoid this, you can do the following: https://docs.zephyrproject.org/latest/develop/flash_debug/nordic_segger.html#disabling-the-mass-storage-device-functionality

Permission Denied when Upgrading nrfutil

When attempting to run `nrfutil self-upgrade` or other subsequent commands detailed for nrfutil, on macOS, if you encounter `permission denied`, navigate to the directory where you saved the nrfutil binary (via terminal) and run `chmod u+x nrfutil` to adjust its permissions. You can verify the effect of this by running `ls -l` before and after.

Permission Issues when Flashing

The [nRF Command Line Tools](#) are in the process of converting from using a legacy `nrfjprog` tool to `nrfutil`. Some of the latest versions of the command line tools on the MacOS have bugs that prevent you from running the legacy tools without root privileges. If you run into this issue, you can try **downgrading** your [nRF Command Line Tools](#) to an earlier version (specifically, v10.24.0).