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USB debugging — Using linux kernel facilities — sysfs/debugfs — usbmon — Dynamic debug interface ... — can be used by a number of tools for kernel debugging and performance problem diagnosis — They have zero overhead when disabled and minimal overhead when enabled. 33

## USB Debugging and Profiling Techniques - eLinux.org

The code just loops over an array but in the wrong order: the innermost loop iterates on the outer index. While the result is the same whether we loop over the first index first or over the last one, theoretically, to preserve cache locality, the innermost loop should iterate over the innermost index.

## Linux Applications Debugging Techniques/Aiming for and

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In this talk from Xen Summit, Florian Schmidt, a researcher at NEC Europe, describes uniprof, a unikernel

performance profiler that can also be used for debugging.

### **uniprof: Transparent Unikernel Performance - linux.com**

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