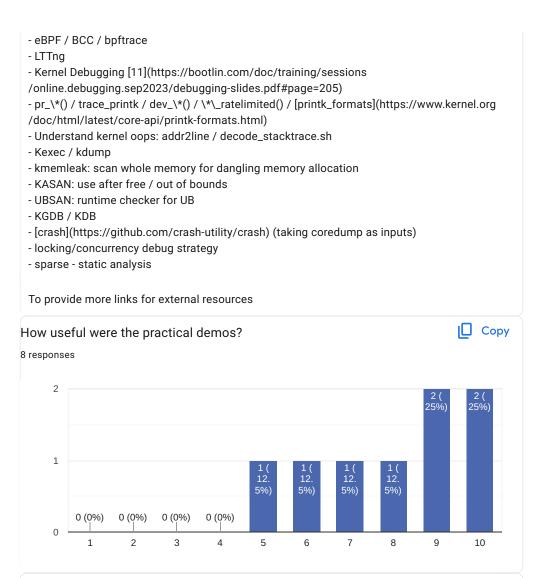




Comments and suggestions 4 responses Good lectures, great delivery It would be beneficial to add a table summarising the tools and their uses for quick & easy referencing in the future when we are faced with an issue to debug. Introduction/Linux Application Stack quite long. I understand this make the course more accessible, but these notions were already acquired on my side. I would have like a summary/index/cheatsheet or something to have an overview (more graphical maybe ?) of what was done during the course as a lot of things were covered. Personally I have done an index like this: # Theorical [1](https://bootlin.com/doc/training/sessions/online.debugging.sep2023/debuggingslides.pdf#page=21) Explanation on: - Process - memory system - scheduling - interrupts - ELF [2](https://bootlin.com/doc/training/sessions/online.debugging.sep2023/debuggingslides.pdf#page=58)Pseudo filesystems (proc/sys/debugfs) # Tools - ELF - LDD and binutils [3](https://bootlin.com/doc/training/sessions /online.debugging.sep2023/debugging-slides.pdf#page=63) - System monitoring [4](https://bootlin.com/doc/training/sessions /online.debugging.sep2023/debugging-slides.pdf#page=67) - ps / top - free / vmstat - mpstat /pmap - iostat iotop - Debugging [5](https://bootlin.com/doc/training/sessions/online.debugging.sep2023 /debugging-slides.pdf#page=78) - GDB / Remote GDB / Python extension - Tracing (strace / ptrace / ltrace / LD_PRELOAD / perf) [6](https://bootlin.com/doc/training /sessions/online.debugging.sep2023/debugging-slides.pdf#page=99) - Memory issues (valgring / vgdb / libfence) [7](https://bootlin.com/doc/training/sessions /online.debugging.sep2023/debugging-slides.pdf#page=113) - Profiling - Memory usage [8](https://bootlin.com/doc/training/sessions/online.debugging.sep2023 /debugging-slides.pdf#page=132): - only heap : massif / heaptrack - Memusage - Execution [9](https://bootlin.com/doc/training/sessions/online.debugging.sep2023 /debugging-slides.pdf#page=141): perf [stat|list|report] (performance counter) - cachegrind (cache problems) - callgrind - System-wide / Kernel [10](https://bootlin.com/doc/training/sessions /online.debugging.sep2023/debugging-slides.pdf#page=150): - kprobes / kretprobe - perf [list|probe|report|script|trace] - ftrace (kernelshark GUI / trace-cmd CLI) - irqsoff

- hwlat



Comments and suggestions

5 responses

Maybe the demos would be more efficient if it required the participant to actively do it instead of just looking at someone doing it. For example in the final test include a question which answer would be a result of a lab.

Difficult to rate this because i didn't had the dev kit. Frustrating

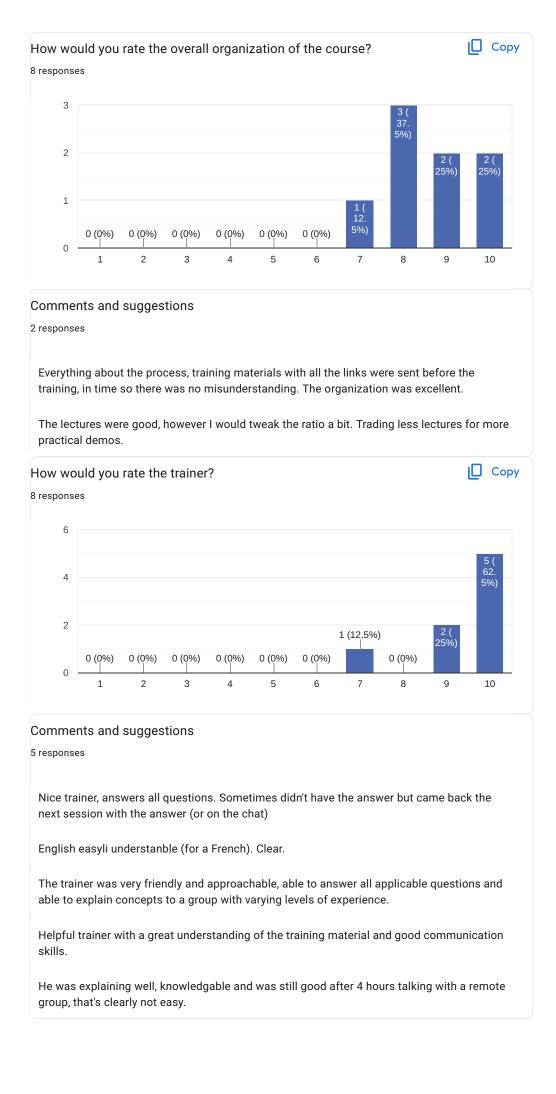
Sometimes it was a bit fast, but really useful.

Practical demos were very good, but the real value for me was doing it at the same time than the trainer. This made more interactive/interesting, but the course is not really planned around that and I understand this bring a whole can of worse logistically and in term of support.

Maybe some remote access to demos system could maybe help?

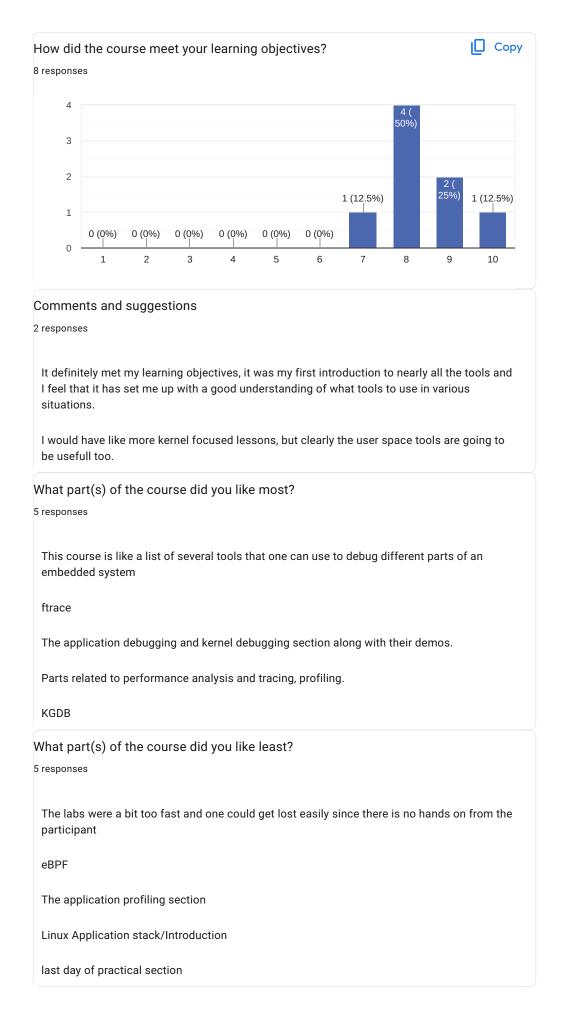
To provide a video guide of the practical section

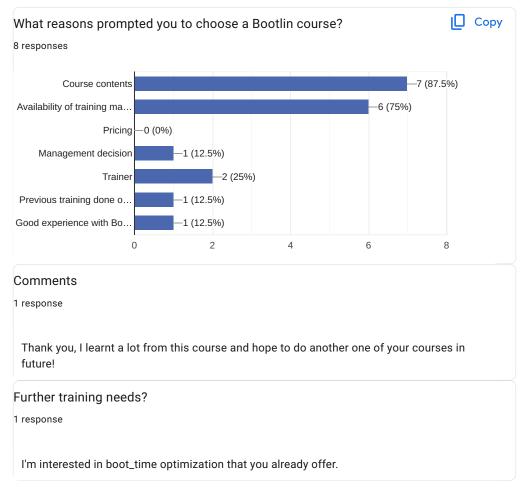




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