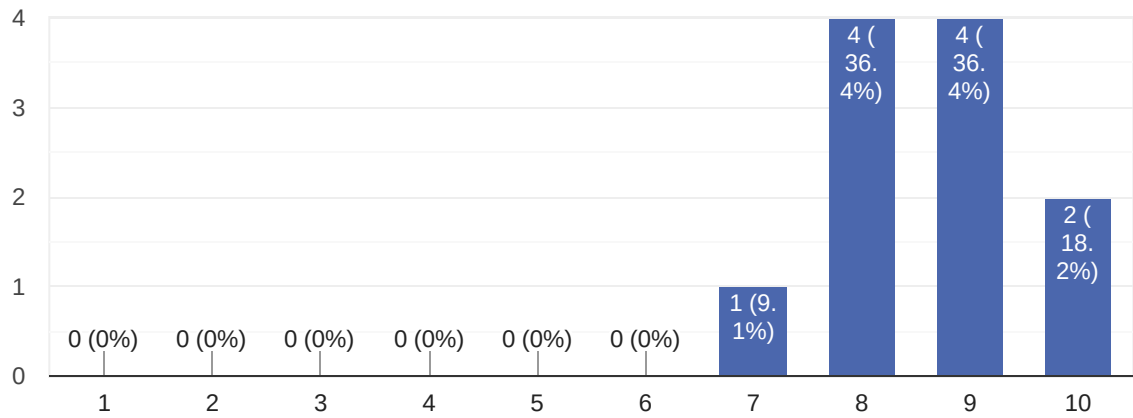# Bootlin training course evaluation

11 responses

Publish analytics

Overall rating of the course

11 responses

Comments and suggestions

4 responses

the course has a good balance between going deep into specific topics and giving a broad overview over a larger part of the kernel. I would have loved to see not only ARM, but also RiscV, but the general concepts should apply there as well.

I highly appreciate all the effort that has been done to create this course, including the labs. The trainer has been very helpful in explaining all the additional doubts that we had during the course.

I would like the practice to be lead by the instructor for all participants to practice during the training sessions.

Very useful, presenting and answering the questions. The only thing is that its not possible to follow and do the labs at the same time.

How useful were the lectures?

11 responses
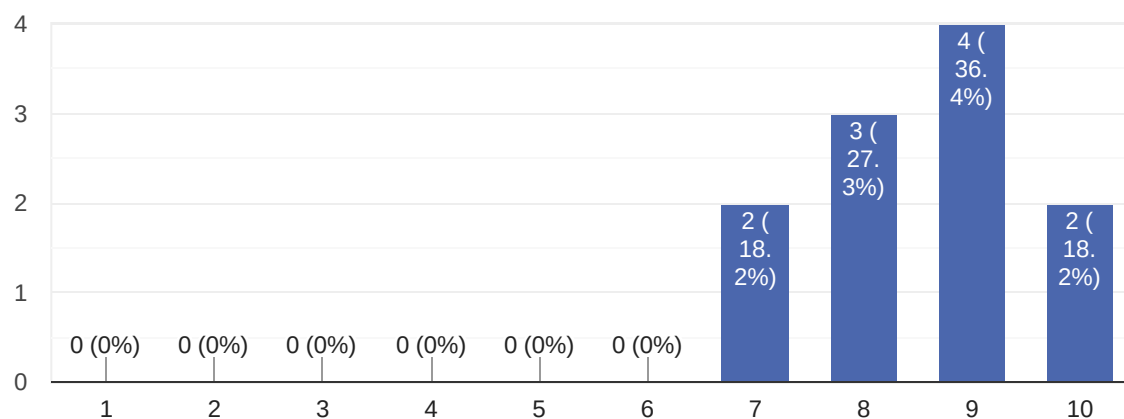
Comments and suggestions

5 responses

I would appreciate more anecdotes, experiences, use cases

Everything was provided. Would be nice to add in examples on how to reserve memory at the DT level? Believe I heard it was possible.

very close to practise, with the possibility to ask lots of questions

Maybe some more information should be given in the slides on how to find the values of adresses to give in the DT/drivers (like in DT, more info on <reg> values or why is it names &i2c1 for example). Answers were asked so we could comprehend it but i think it deserves some formal slides

Also the I/O Memory chapter is maybe a bit too short i think, but maybe its the subject of another lecture

Good conecption, going straightfull to what is needed. A little bit too fast.

How useful were the practical demos?

11 responses
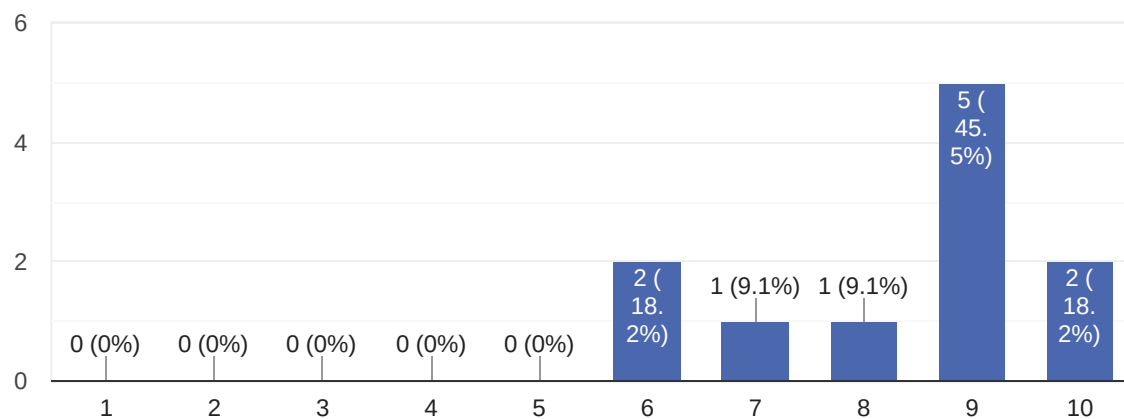
Comments and suggestions

8 responses

Demos are very important, and it will help more if every line of the source code/command (and every parameter of each function/macro/command) is explained. As sometimes missing one parameter may block the entire flow of thought.

spent quite some time on them, while I would prefer to have more time elaborating on the theory/slides

One thing I would add when setting up networking (nfsroot). In the event one cant get ethernet over usb working. Having u-boot command the work with the Ethernet port would be useful. I end up doing this

```
setenv ethprime cpsw
dhcp # get IP address via DHCP
setenv ipaddr <device IP>
setenv serverip <host IP>
setenv bootargs root=/dev/nfs console=ttyS0,115200n8 rw ip=dhcp
nfsroot=${serverip}:/home/<user>/linux-kernel-labs/modules
/nfsroot,nfsvers=3,proto=tcp
saveenv
```

How would you rate the overall organization of the course?

11 responses
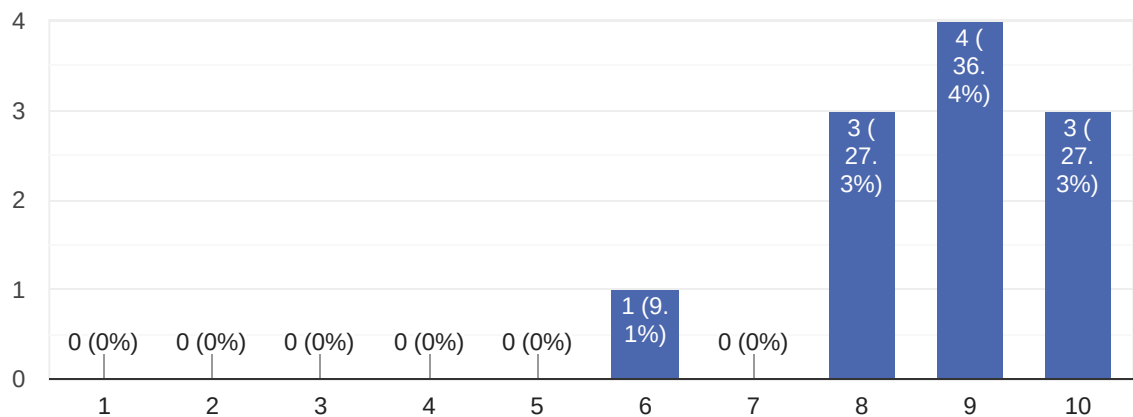
Comments and suggestions

5 responses

Would like to know how the device tree information is integrated into the various driver frameworks better, in addition to just learning how to use the frameworks.

splitting the course into half-days is a great way of not drowning in all the information provided, but rather having the possibility to revisit the topics before moving on to the next session. I hope this format will continue in the future, even after covid.
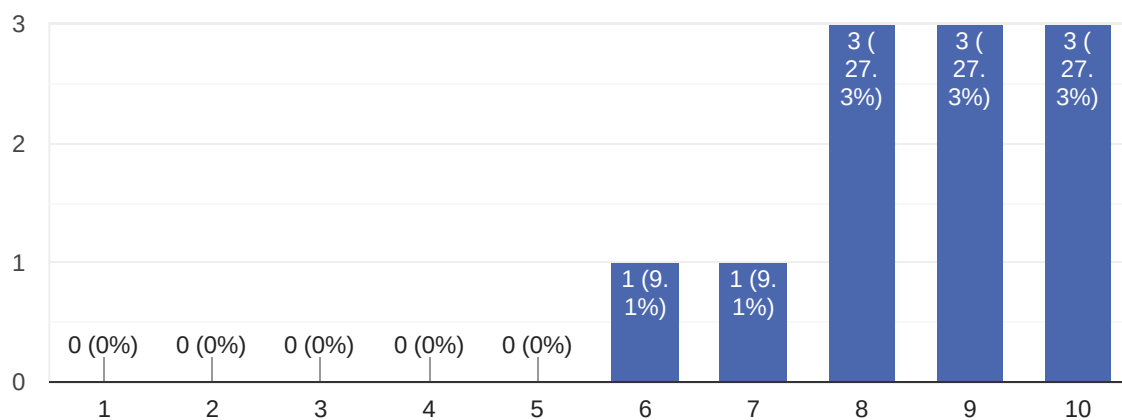
It was difficult to get a boneblack board, not all participants had one at hand.

It is a 8, could use more modern text editor, could have more interactivity with the participants.

Three short brakes for 4h were very good. As there is very much input it's hard to follow all the time.

How would you rate the trainer?

11 responses

Comments and suggestions

4 responses

I think Gregory has very high technical expertise. But less fluent expression in English language makes it harder to understand the little details. It also stands in the way of him telling personal experiences or detailing some use cases that are often very useful to understand things better.
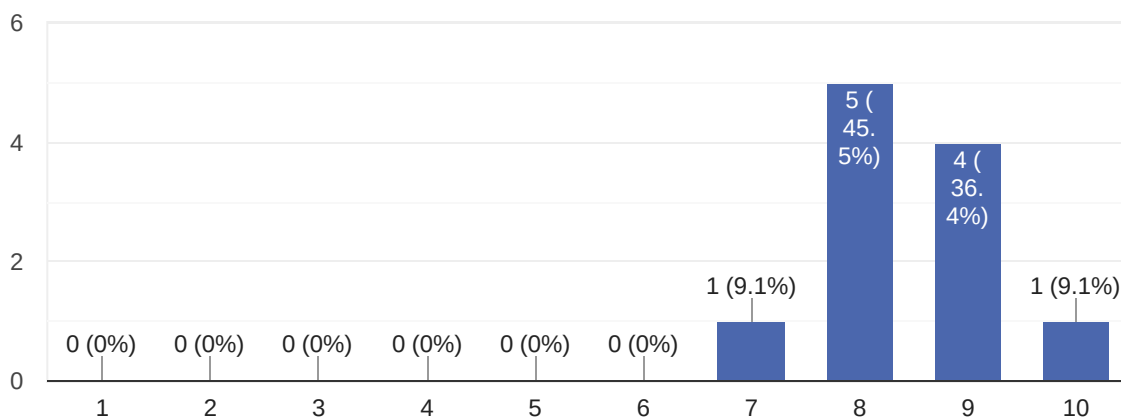
he did a very good job explaining the different topics

sometimes is was confused. Jumping from one thing to another to fast.

Good, questions are answered correctly and explained.

How did the course meet your learning objectives?

11 responses

Comments and suggestions

2 responses

i would have loved to have a short introduction to alsa/asoc, though this topic is probably more of a personal interest of mine and not something of particular interest for any of the other participants. Nevertheless I feel comfortable about digging deeper into the documentation myself, so I guess that is "mission accomplished" as well ;-)

I expected it to be a hands on training.

What part(s) of the course did you like most?

9 responses

Demos

kernel frameworks, device drivers, scheduling, interrupts, kernel debugging

The hands on practical labs. The fact that we could see a live demo helped in terms of determining if the output that we are seeing when doing the lab is correct or not.

The labs are especially useful in seeing how an experienced professional approaches the problem.

Device tree, plateforms device, framework ...

The serial driver portion

Prácticas Labs

i enjoyed all parts of the course

What part(s) of the course did you like least?

5 responses

Sometimes the demos are too fast, would help if slowed down, so that I can see clearly every command.

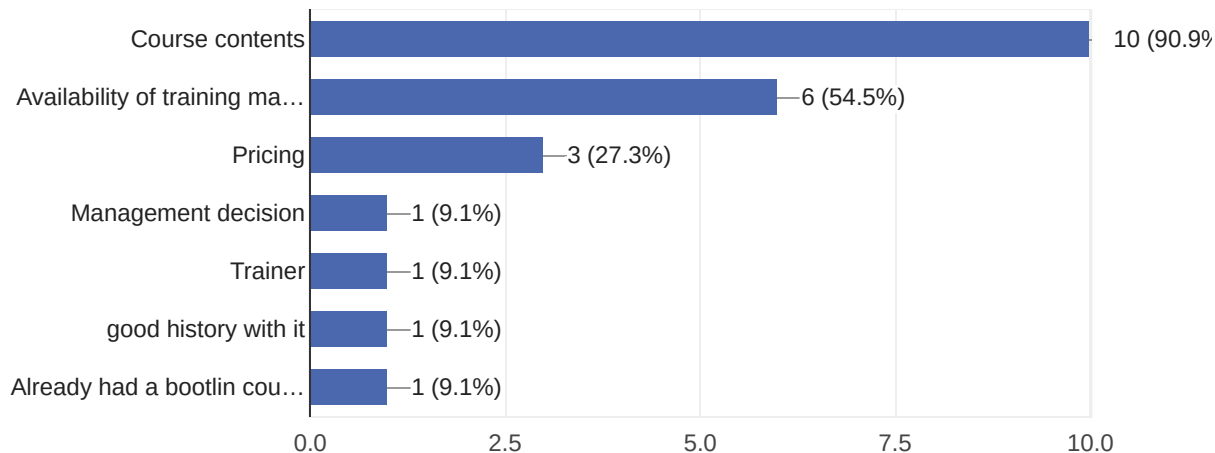kernel config & building as it was already known

The interrupt handler portion was a bit confusing

the first 2 days where not so interesting for me. Give this faster and the other slides then more detailed.

The practice labs, since I could not follow the instructor and doo them a the course progressed.

What reasons prompted you to choose a Bootlin course?

11 responses

Course contents	10 (90.9%)
Availability of training ma…	6 (54.5%)
Pricing	3 (27.3%)
Management decision	1 (9.1%)
Trainer	1 (9.1%)
good history with it	1 (9.1%)
Already had a bootlin cou…	1 (9.1%)

Comments

2 responses

an excellent introductory course to kernel hacking, which I will happily recommend to my coworkers.

Thanks for the very interesting training! :)

Further training needs?

4 responses

Would like to dig deeper into the kernel source code.

Linux Graphics, DRM driver development

Not for now. But surely with bootlin if needed

Maybe buildroot CI/CD techniques would be interesting.

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