

Bootlin training course evaluation

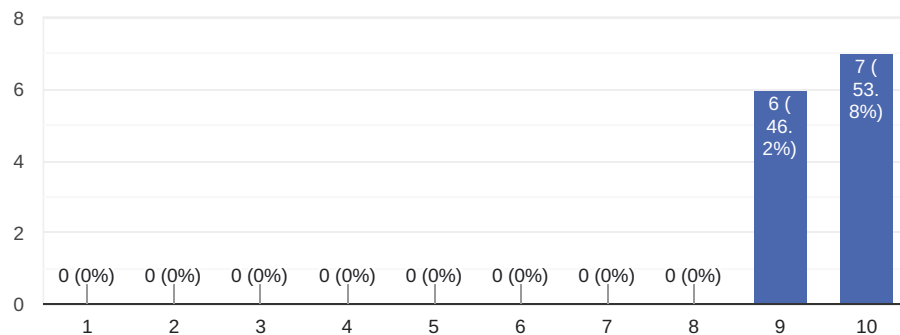
13 responses

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Overall rating of the course

 Copy

13 responses



Comments and suggestions

5 responses

Great interaction and flexibility in flexing in topics as the questions fly by during the sessions by Thomas

Well prepared material, good level on practical labs.

Very adequate and to-the-point. The information content is technically relevant, dense and sufficiently large to keep even a reasonably experienced audience busy. A lot of "blind spots" in my knowledge were covered.

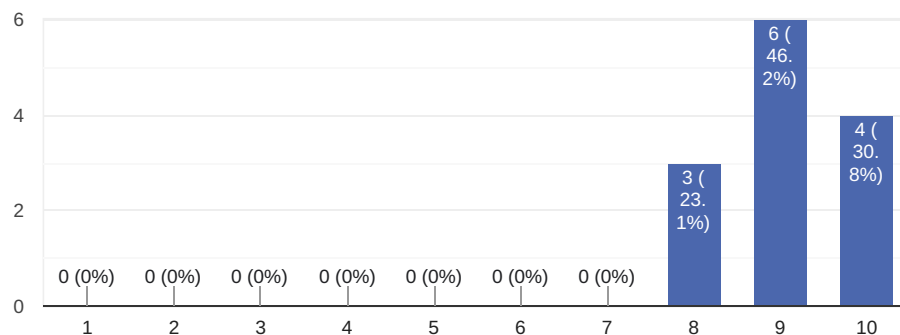
I've taken a few, and this was by far the most competent lecturer I had sofar.

The course exceeded my expectations. I expected to solidify some knowledge that I already had, but I happened to learn a lot of new things!

How useful were the lectures?

 Copy

13 responses



Comments and suggestions

2 responses

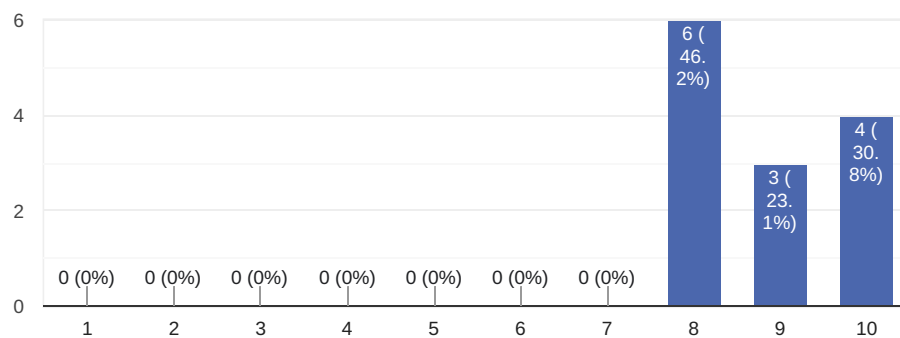
The speaker is experienced, updated and inspiring to listen to. However, lecture talks need be kept to a more strict time schedule, in order to maintain listener focus. An absolute max of 90min before taking a 5min break is reasonable.

The lectures were very useful. It was great that we were able to ask questions during the presentations to make sure that we understood the concepts and the lecturer gave a lot of useful demos in addition to the slides.

How useful were the practical labs?

 Copy

13 responses



Comments and suggestions

7 responses

I think they were pretty hard, you had to think of what affects what, I think that, at least for the DMA lab, which I believe was quite new for the course, but it could probably be good to add some overview of the finished driver, or provide a picture in the slides of a "fairly similar" driver, where the objects in the `_dev` class, and its bindings are clearly showed... I think the dma lab was kind of hard to follow and messy.... But maybe it gets easier if i do it one more time..

Labs were well prepared and related well to the theoretical material. I suggest always sending out email about preparations one week before the course. That would increase the chance of getting pre-course quizzes made, and large download packages can be ready from the start.

The DMA lab was a little hard to follow.

Excellent labs with enough template code to get you started, but leaving enough out to make you think. It requires you to find the api or example code in the kernel source or from the lecture slides to supplement the lab instructions.

Some instructions regarding the initialization of the nunchuck was contradictory causing unnecessary confusion. Perhaps parts of the debugging principles could be presented earlier in the course, as it could be useful during the development of the other drivers.

The labs were really fun and a good way to practice the principles that we studied in the lectures. The labs improved the overall learning experience and outcome.

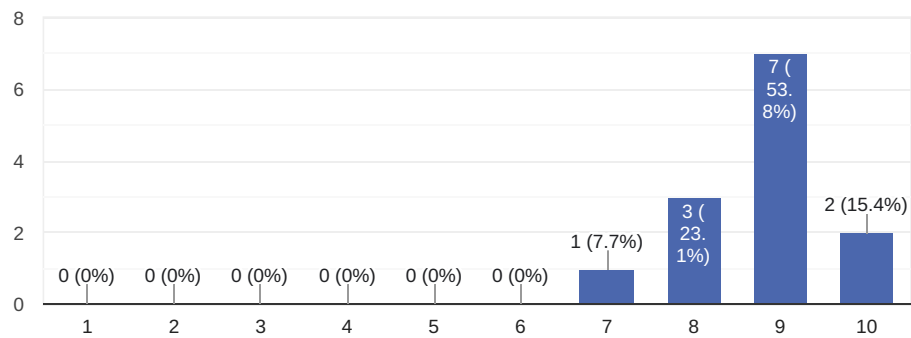
Maybe put the "Kernel debugging mechanisms and kernel crash analysis" earlier since its useful later on.



How would you rate the overall organization of the course?



13 responses



Comments and suggestions

4 responses

Information to the course attendee before the course could be improved....

The general course flow was good, with a welcoming attitude to questions on all levels and topics. Just remember to take short breaks. Course-room chairs are inherently uncomfortable.

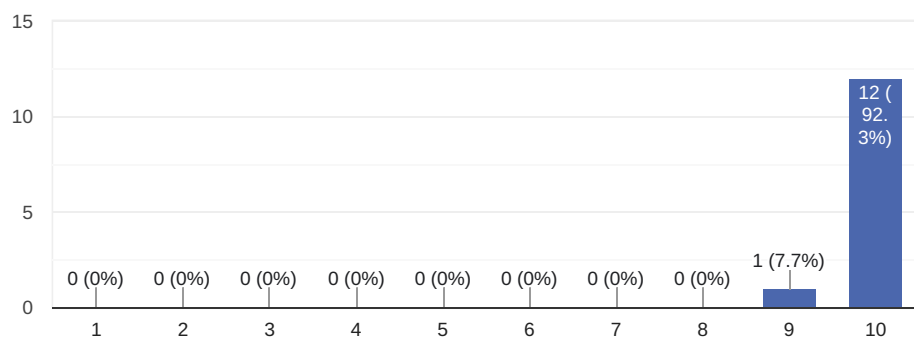
Days a bit too long

The course was very well organized. We got a lot of information before, during and after the course. It was also easy to get answers to questions that we had before the course start. A minor inconvenience that comes to my mind is that the mail for hosting the course asked us to prepare fast unfiltered internet access and powered usb-hubs, even if this wasn't actually needed for our particular course. My guess is that the mail is reused for multiple courses.

How would you rate the trainer?



13 responses



Comments and suggestions

5 responses

Thomas knows the stuff! It was fun listening and interacting with thomas during the course moments, and also during the breaks!

After labs and in breaks it was possible to discuss additional related questions and topics with the trainer, much appreciated.

The trainer has very good technical knowledge, and is a sympathetic person. Could possibly move around and check up on the lab work a little more.

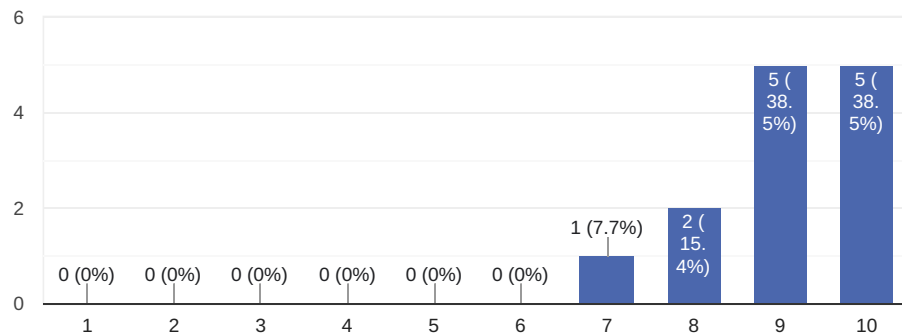
Very competent

The trainer was really good. Very competent and good at conveying information. I like that Thomas was able to illustrate his examples by real examples, drawing and doing demos.

How did the course meet your learning objectives?



13 responses



Comments and suggestions

4 responses

I was surprised of how many small details could be picked up from viewing how tomas worked!
 Something that could be useful for the course is adding som source navigation tools, e.g. tools like cscope, tags etc

This course is exactly what I needed.

I would have loved a whole day regarding the DMA subsystem.

The course exceeded my expectations. This is the best course I've done. The course will be helpful throughout my career in OS/Linux development.



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

8 responses

The labs

Getting to see more of the big picture

Driver model implementation.

A one-week on-site course makes the work efficient. I also liked the way the labs connected with the lecture flow, and I appreciate that there were several different lab projects.

Device driver model implementation

The labs were really fun and I really liked the concurrency and synchronization part, which I hadn't worked on before and that had always seemed a bit mysterious to me :)

The part about the Device Model. How platform drivers and device drivers are connected.

The mix of lectures and labs related to topics in the lectures

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

8 responses

dma lab, I failed to get the goal picture or helicopter perspective of what we did there.

DMA lab, although it was interesting, I still think that the layout of that part can be improved

DMA parts - maybe a little too complicated to follow what happened in all lab steps.

The course was excellent, but the chairs were very uncomfortable.

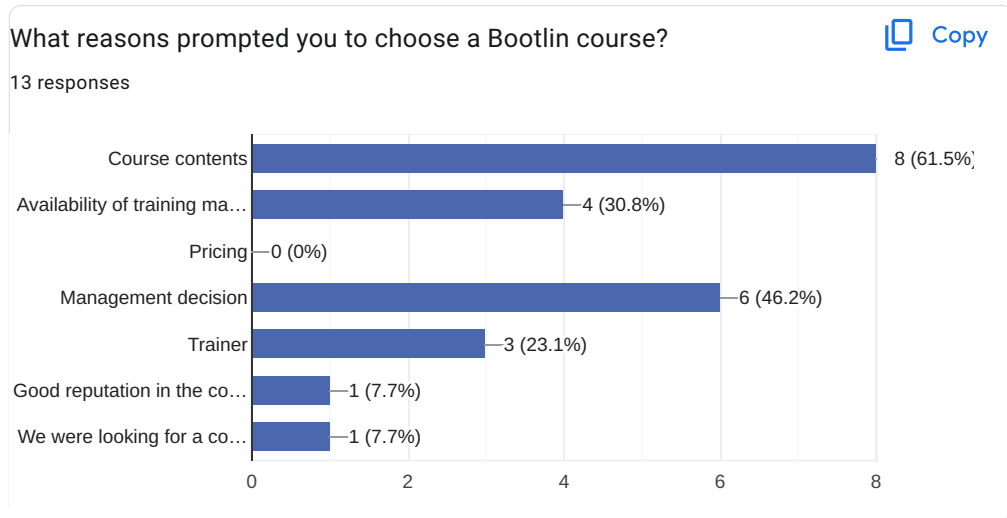
DMA handling APIs

responses regarding the realtime aspects of the linux kernel were slightly off.

The instructions for the DMA lab were a bit challenging to follow and need a bit of maturing. The trainer said that they are new, so that is probably why. The lab content/objective itself was interesting and relevant to the course, so I am happy that it is included.

A bit stressful when other is finished with the labs and starts to walk around, maybe add some optional "advanced"/"challenging" tasks to keep the more experienced busy





Comments

1 response

Through the published online material and the presentations given by Bootlin staff at various embedded Linux conferences, it was clear that Bootlin are knowledgeable and good at presenting!

Further training needs?

2 responses

zephyr, debugging, tooling

Android, Yocto, V4L framework, zephyr

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