Bootlin training course evaluation
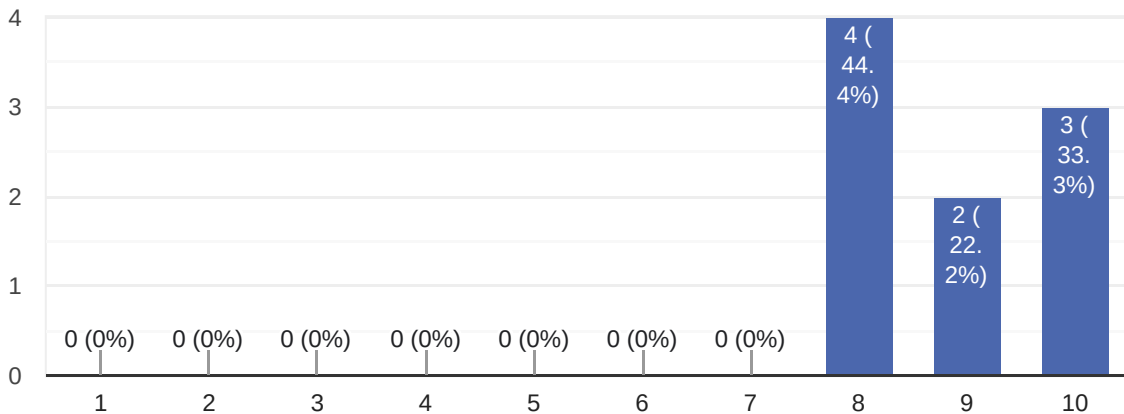
9 responses

Overall rating of the course

Copy

9 responses

Rating	Responses
1	0 (0%)
2	0 (0%)
3	0 (0%)
4	0 (0%)
5	0 (0%)
6	0 (0%)
7	0 (0%)
8	4 (44.4%)
9	2 (22.2%)
10	3 (33.3%)

Comments and suggestions

6 responses

I found a bit too much time was spent on the more basic aspects of the training.
I would have liked if more advanced topics were covered.
This training could perhaps be split in a "basic" kernel training and an "advanced" one.

The only small point of criticism: the microphone. It sounded quite distorted at times.:-)

Good course, grateful for it

In my opinion a very complete training that starts from the basics and by the end you are presented every tool and knowledge needed to build a linux driver

The quality is great even though I feel it was a lot of information. I personally found it hard to focus for 4h with fewer breaks. I would recommend taking more breaks (every 50 min a 10 min break would be better). I also think the course could benefit people more if it were more interactive. But overall it was a great course and I learnt many things. Thanks for the hard work!
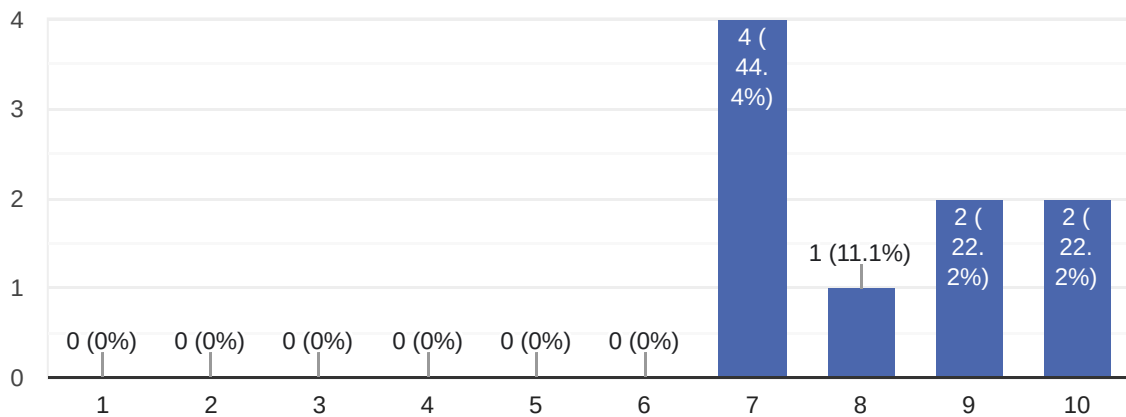
I could have used to take this course when I started working with NuttX, if I had known earlier!

How useful were the lectures?

9 responses

Bar chart showing ratings from 1 to 10:
- 1: 0 (0%)
- 2: 0 (0%)
- 3: 0 (0%)
- 4: 0 (0%)
- 5: 0 (0%)
- 6: 0 (0%)
- 7: 4 (44.4%)
- 8: 1 (11.1%)
- 9: 2 (22.2%)
- 10: 2 (22.2%)

Comments and suggestions

4 responses

A lot of new info that gave me new things to think about.

I feel like the lectures were of high quality, but long lectures are not my style :D I got distracted often and had to redo major parts of the material on my own to keep up. I am ADHD-ish, had a very diffcult time thru the training (overlapping internal training, short winter days, family stuff) .

They were useful for later, but during the course I found some of them too long. I would have focused more on the practical labs.

The slides are dense. Perhaps too dense. It's a lot of pages, and part of the point of the course is to get to the end, and this "rush" is sometimes onerous. Doing the lab helps yes to break it up, but still the amount of information is such that after a while it's hard to follow the most important things.
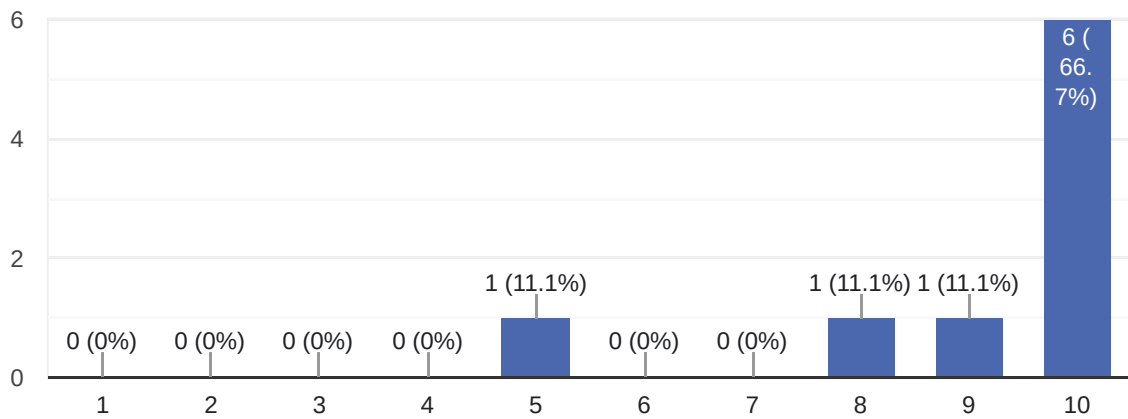Have you thought about writing a book as well, which you can maybe reference in the slides to elaborate, and thus streamline the slides from some of the information? I know it's a lot of extra work and having everything in one place is more convenient, but reducing some of the mental load might help you absorb the most important information better, maybe the lab-related information, and then maybe go deeper once you're more confident.

How useful were the practical demos?

9 responses

Rating	Count
1	0 (0%)
2	0 (0%)
3	0 (0%)
4	0 (0%)
5	1 (11.1%)
6	0 (0%)
7	0 (0%)
8	1 (11.1%)
9	1 (11.1%)
10	6 (66.7%)

Comments and suggestions

3 responses

The practical demos are invaluable. They are definitely the best thing in this training, and Miquel's questions during the demos are great at keeping the audience focused and thinking. The only way to make them better would be to have more of them, which is most likely not feasible in the duration of the training
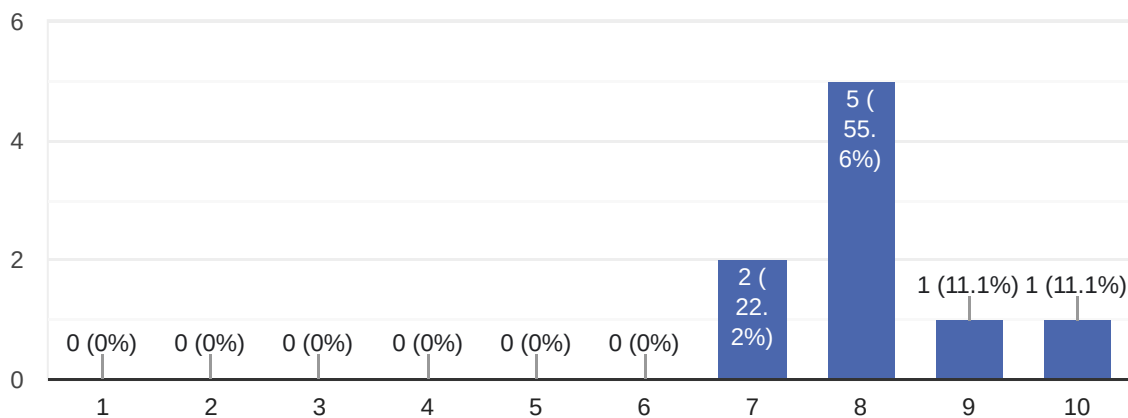
The demos are very helpful and also makes you understand better the theory presented

One remark I have is that I found it hard to remember the slides while doing the lab. I would probably skip the long introduction before the lab and find the information while doing things. Or find a better balance.

How would you rate the overall organization of the course?

9 responses

Rating	Count
1	0 (0%)
2	0 (0%)
3	0 (0%)
4	0 (0%)
5	0 (0%)
6	0 (0%)
7	2 (22.2%)
8	5 (55.6%)
9	1 (11.1%)
10	1 (11.1%)

Comments and suggestions

5 responses

No particular comments on this: the training was very smooth, so I saw no issues

Maybe start the trainiging a little bit earlier, to avoid weariness, 12 PM or something.
Although, the time pauses are well positioned.

The 4 hours duration of a session I would say it is ok but somewhat earlier in the day. Doing a
4 hour session in the afternoon (from 3-7 pm in my case) could become exhausting and
cause to lose focus in the last hour of the session. A timeframe earlier in the day is definitely
better for a session this long.
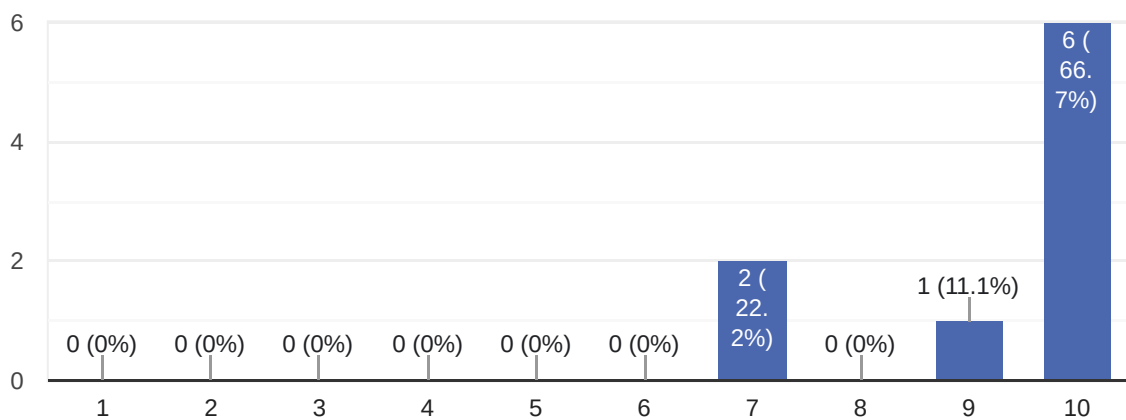Other than that I would say it is ok overall

Perhaps a little too packed, but a) as I mentioned, diffucult time, b) I probably had a little less
experience in embedded than the course expects, so treat this comment with a grain of salt

These are really the backbone of the course, and help make sense of the words. Well done.

How would you rate the trainer?   Copy

9 responses

Comments and suggestions

6 responses

Miquel is obviously very experienced, and is great at contextualizing the information he provides.
His explanations are very dynamic and clear.
I think asking the audience what he is supposed to write during the labs is great to make sure we are following.

Well presented, highly competent. All the important topics for starting a development project were presented.

Good communication, very open to discuss and answer questions. Also, knows hot to present a topic, makes himself understandable

I found Miquèl very professional, friendly, well-spoken and overall excellent! I feel like he has a good feel of when to crack a joke or throw some trivia to grab the attention or loose up.
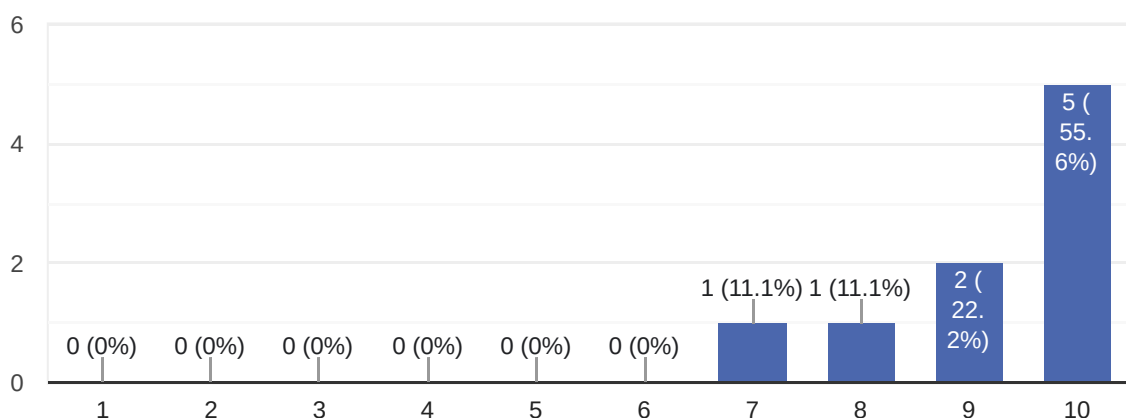
The trainer is very knowledgeable and passionate. One thing I would improve is making the course a bit more interactive and taking more breaks. Staying focused for more than 1.30 is a lot these days.

Miquèl is really knowledgeable and manages to answer every question with patience and clarifying concepts, taking his time to make them understood. Ça a été un plaisir de t'avoir comme professeur ! :)

How did the course meet your learning objectives?

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9 responses

Comments and suggestions

3 responses

As mentioned above, I think I would have liked to cover some more advanced topics, but understand that that is not necessarily either possible or the aim of this training.

I can say that the course surpassed the expectations

Something like a coursebook to revise the material (espiecally for those who don't tend to focus well on lectures) would be great

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

7 responses

The locking and the DMA parts were thes ones I liked the most in the lectures. They are difficult topics to get into (especially DMA) and hard to learn about without guidance. Miquel's detailed explanations were a huge help to understand the slides.
All labs were cool

All the same, except for power management

Memory, process scheduling

Every part of the course has it's own interesting stuff about it but of course the most exciting part is the lab where you get to use and see the things that you learn

I really liked the labs and the fact that they helped me understand concepts with which I was struggling through self-education using other sources. I also really dig how the board was set up, it's pretty neat.

All practical labs.

nunchuk lab and linux device and driver model

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

5 responses

The debugging section was less interesting to me, in part because it is very theoretical, in part because I had to skip a small part and in part because it is hard to strike a balance between introducing the concepts and not wanting to spend too long on them.

Power Management

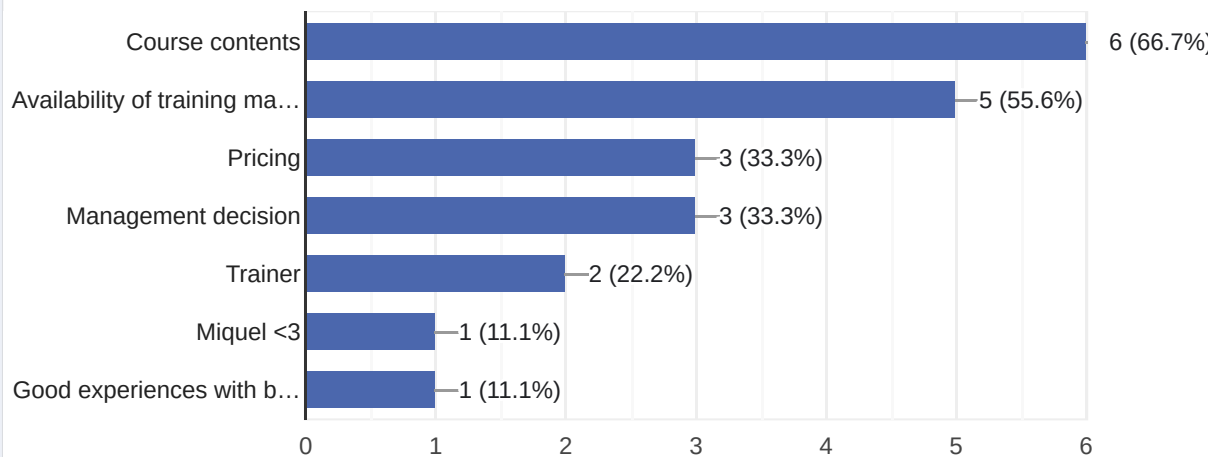Not least but the power management, very generic

I found the Device tree part too long and hard to understand at first. I had to go through it again.

The second week of the course was difficult for me to keep up.

What reasons prompted you to choose a Bootlin course?

Copy

9 responses

Comments

3 responses

Thank you for the training!

Thanks a lot to Miquel for the training and the effort, what a great person.

Just a suggestion here, but I'm sure you're already aware of it: I'm not sure the 50-question quiz is a fair method of assessing how much someone has learned. The quiz can be sent to one's email the first time, reviewed, and studied with LLMs. If you see it as a way for the student to be "forced" to study and at least research some topics, great, but for internal assessment purposes I'm afraid it may give you mixed results. Especially since passing is tied to acquiring the certificate (and everyone wants the certificate!), so you're more driven to "do better," but at the same time you're also more motivated to cheat. If you want to have more realistic results about how much someone has really learned, you might consider de-linking passing the 50 percent quiz threshold from acquiring the certificate, and say so from the beginning.

Further training needs?

6 responses

Later ... Yocto & Linux Kernel :-)

can't say right now, I want to finish the labs first,

A specific video 4 linux training. From the roots of writing the drivers for the camera sensors, deserializers.. to viewing the images on a screen and maybe do some basic image processing on the input video stream.

I would love to see a course on virtualization

Debugging the kernel

RTOS and Linux, maybe Zephyr or NuttX? Even though this course helps a lot already, but it could be interesting to follow another one applied to the RTOS.

Google Forms