Bootlin training course evaluation
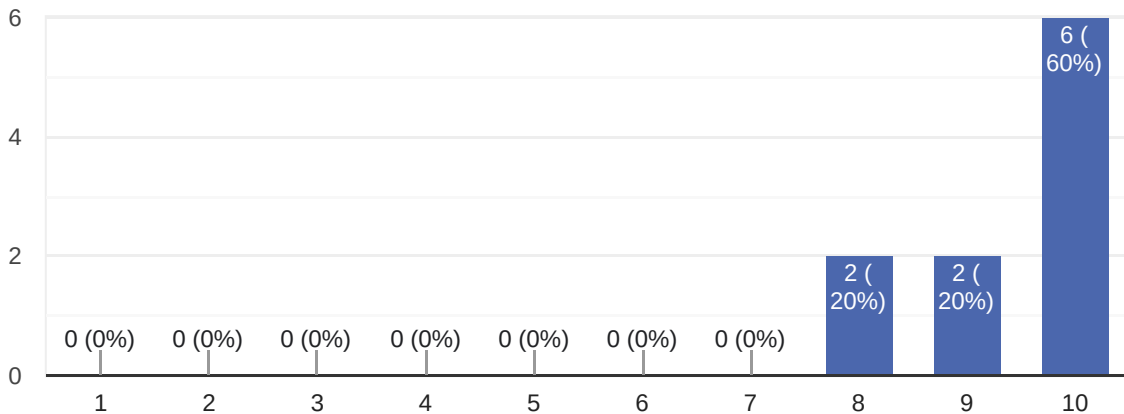
10 responses

Overall rating of the course

Copy

10 responses

Bar chart of "Overall rating of the course":
- 1: 0 (0%)
- 2: 0 (0%)
- 3: 0 (0%)
- 4: 0 (0%)
- 5: 0 (0%)
- 6: 0 (0%)
- 7: 0 (0%)
- 8: 2 (20%)
- 9: 2 (20%)
- 10: 6 (60%)

Comments and suggestions

6 responses

The content of the material, the time balance between lectures, practical demos & the knowledge of the trainer were excellent.

This was an excellent course and exactly what I needed. It really helped me understand the mechanics of a Linux system in depth. Next for me will be Linux driver class.

The course was very intense. However, I lacked information about Yocto. Could you add an analysis of a simple recipe from Poky to the course? That would be informative.

I had such an amazing learning experience!! Even though the course duration was only ~32 hours, I learned so much that it's just unbelievable. Before starting the course, I had only heard of some of the terms and knew very little about what they meant, what they are used for, etc. The course, which started from scratch, providing base knowledge of embedded Linux systems, helped me connect the dots and gave me a holistic picture. I cannot say enough - it was an awesome learning experience for me!

If we could have more buildroot and yocto labs that would have been amazing. Maybe these can replace the last slides (graphics stack and onward)?
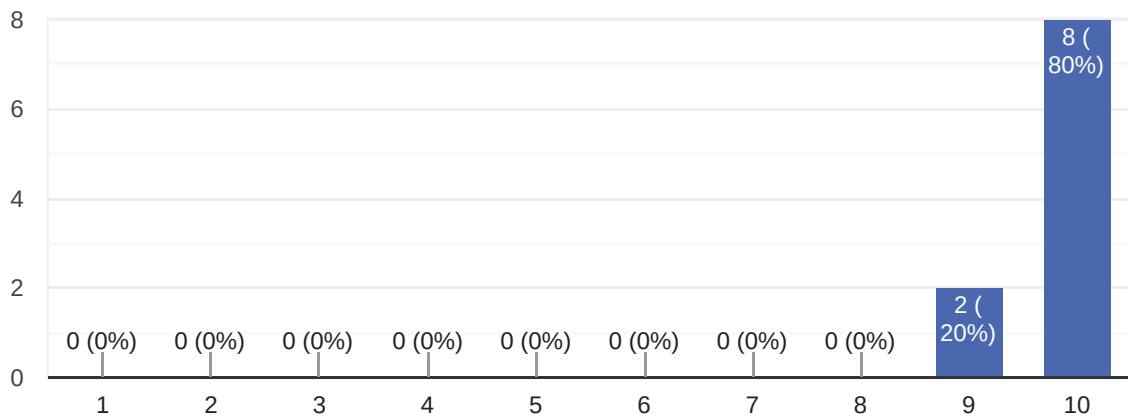
recorded videos would be easier for time management

How useful were the lectures?

Bar chart showing responses on scale 1–10:
- 1: 0 (0%)
- 2: 0 (0%)
- 3: 0 (0%)
- 4: 0 (0%)
- 5: 0 (0%)
- 6: 0 (0%)
- 7: 0 (0%)
- 8: 0 (0%)
- 9: 2 (20%)
- 10: 8 (80%)

Comments and suggestions

3 responses

The lectures were very fast paced and at the same time very clear and understandable.
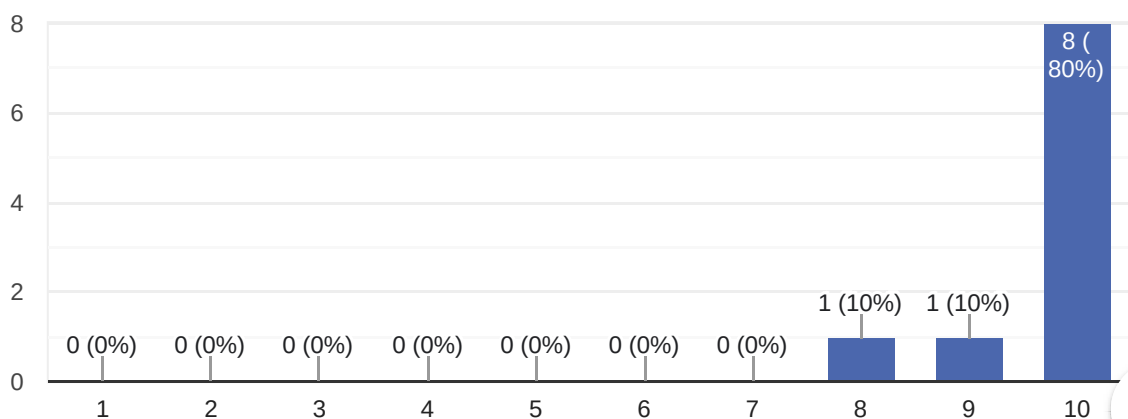
I appreciate the open-source philosophy behind this course, as the lectures are available online for future reference and will remain up-to-date. The slides were perfectly prepared and very detailed, covering the topics comprehensively.

The lectures and the slides were very thoughtfully segregated and sequenced out. I appreciate the content on the slides - sometimes even pointing out the tiniest details that can be very easily overlooked. A broad range of topics was covered; some were expected, and some unexpected ones were present too. Theoretical explanations before the lab demo were helpful to directly correlate to what one just learned. I also liked that many links for projects, documentation, videos, and other training materials were shared with us for our reference.

How useful were the practical demos?

10 responses

Bar chart showing responses on scale 1–10:
- 1: 0 (0%)
- 2: 0 (0%)
- 3: 0 (0%)
- 4: 0 (0%)
- 5: 0 (0%)
- 6: 0 (0%)
- 7: 0 (0%)
- 8: 1 (10%)
- 9: 1 (10%)
- 10: 8 (80%)

Comments and suggestions

5 responses

The demos were very helpful in giving a concrete understanding of the concepts that we had just covered.

The practical demos were great, but I would suggest adding a bit more guidance in some areas. While I understand the intention for participants to figure out parts on their own, I found myself getting lost a few times and had to reread the lecture materials to catch up. Slowing the pace of the demos slightly would also help beginners like me follow along more easily. I recognize that Mr. Petazzoni is an expert, but us rookies need a bit more time to keep up! :-)

The pace during the labs was a little high. Could be slowed down by 20%.

Absolutely loved the demos! I especially liked the fact that it grew progressively as we covered further topics on building a whole system with all its components involved - how to build and configure them, put them onto the target, tweaks needed, numerous useful commands and much more. Never knew that a song could be played like that on a tiny embedded system :)
Only suggestion I have for the demos - for a beginner, it is sometimes hard to keep up with the pace at which the demonstrations are performed. It is easy to misunderstand a step here and there, and that can disrupt the chain of understanding. It would be very helpful to do the demos at a slightly slower pace and this would also give a bit of time to attendees to grasp the tasks performed.

Most of the time the working directory the instructor was in had a long path, giving little room for the command (which then had to overflow to the next line).
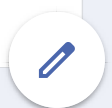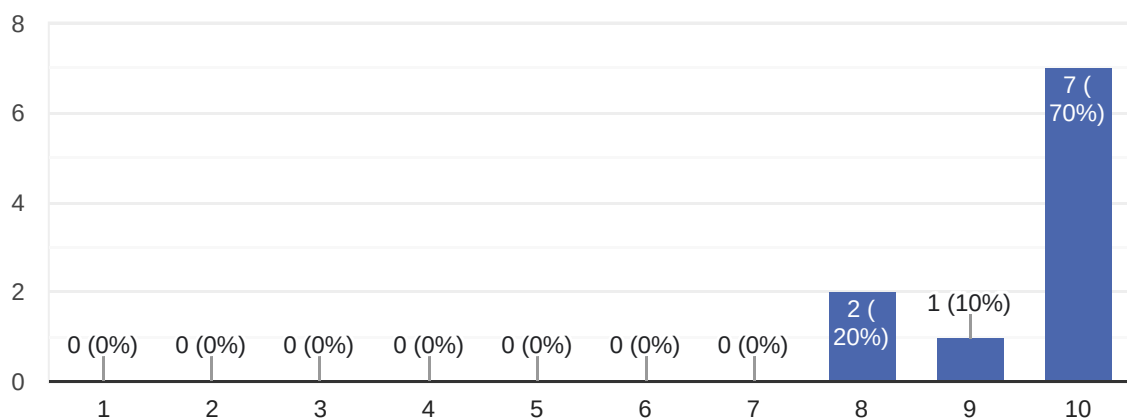This made me miss sometimes the commands the instructor was typing.
Maybe creating a symlink (in /) to that directory could help.

How would you rate the overall organization of the course?

Copy

10 responses

Comments and suggestions

3 responses

I liked having 4 half days per week, so that I could address some urgent tasks that came up at work which just happened to coincide with the training.
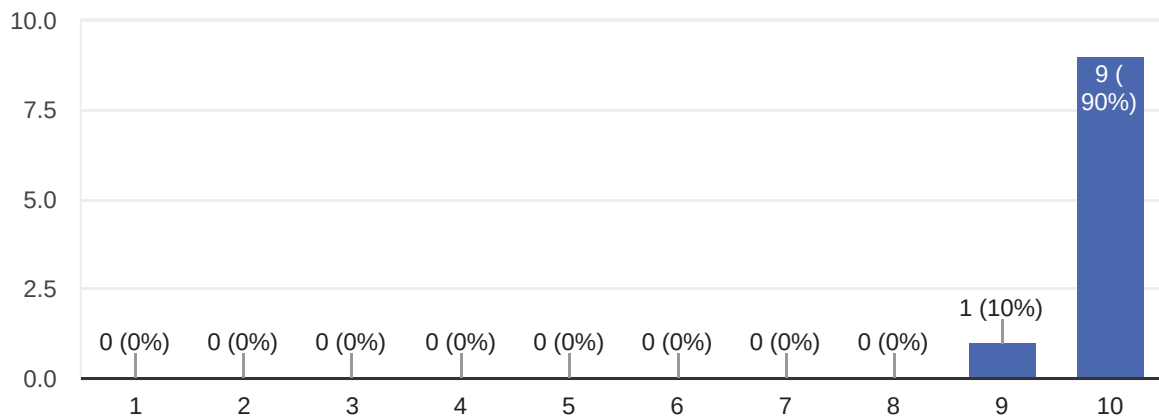
The course was well-organized in all aspects. I especially liked having Wednesdays off, as it gave me a chance to catch up on the labs.

Overall, things went pretty smoothly! Thanks to the great material and documents shared by Bootlin, I knew what needed to be done before, during, and after the course. The sessions were held at a good pace, with one day break during the week. Thomas was very patient and a good listener and answered everyone's questions without judgements and still finished each session on time. This was very encouraging for me and not hesitate to ask any questions.

How would you rate the trainer?

☐ Copy

10 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: 0 (0%)
- 8: 0 (0%)
- 9: 1 (10%)
- 10: 9 (90%)

Comments and suggestions

7 responses

Thomas was amazing! His knowledge of all the topics was exceptional, he made the class fun and engaging. He answered everyones questions in great detail.

The trainer was very good at explaining very nuanced topics. He was a good listener, thoughtful and patient when we had questions and were not quite grasping the topic. He provided very good explanations, once he understood what we were not quite understanding.

Mr. Petazzoni deserves immense credit for his expertise. His technical knowledge, communication skills, and ability to add value to the lecture materials and demos were outstanding. Hands down, his knowledge is remarkable. :-)

The trainer was very engaging and answered all the questions in great detail.

Thomas's expertise and immense knowledge were pretty evident during the whole course. As mentioned previously, Thomas was very patient in answering and listening to everyone's questions before moving on to another subject and before starting each session. This surprised me a bit as not many trainers wait repeatedly for attendees to ask questions. He pointed out and brought to our attention numerous details during the demos - for ex: looking at the build logs and understanding what they even mean, analyzing config files, troubleshooting errors etc.
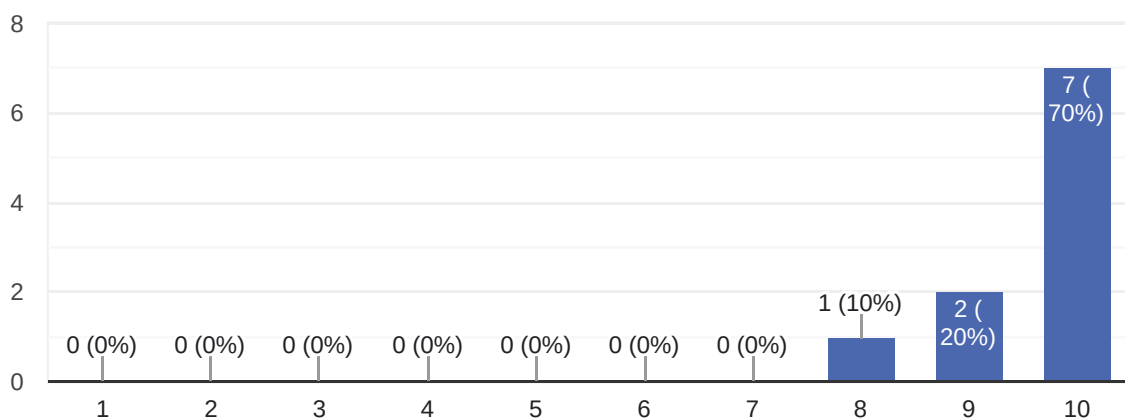
He was great!

Thomas had a really deep understanding in the subjects and it shows.

How did the course meet your learning objectives?   Copy

10 responses

Comments and suggestions

4 responses

I liked that there was a chat room where we could discuss the labs with other participants in the course.

The course fully met my learning objectives and exceeded them. I now have a deeper understanding of U-Boot, the kernel, and rootfs, as well as how they interact with one another.

The embedded Linux training course exceeded my expectations and was an absolutely enlightening experience! The course was well-structured, starting from foundational concepts and progressing seamlessly to advanced topics. Thanks to Thomas's explanations, I was able to grasp complex concepts and hands-on demos provided throughout the course.

The lab demos were incredibly insightful and helped bridge the gap between theory and practical applications. I have a much clearer and comprehensive picture of embedded Linux systems, and now I can apply what I learned to my daily job work.

Yes, now I know how can develop projects with embedded linux

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

8 responses

The practical labs were very useful, all the way from TF-A, uboot to kernel modules.

I like how the practical labs, anchored the learnings of the topic we had just covered in lecture.

I particularly enjoyed the sections on U-Boot, the kernel, and rootfs. These were the most engaging and insightful parts of the course for me.

Bootloaders

Thomas (our trainer), Slides, Demos, Lab, Documentation, adherence to schedule, Matrix chatroom where people can help each other out freely

Labs and lectures

Bringing up the board with nfs+tftp

I really liked that the concepts were introduced in a simple easy to understand way and that common practices were introduced

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

6 responses

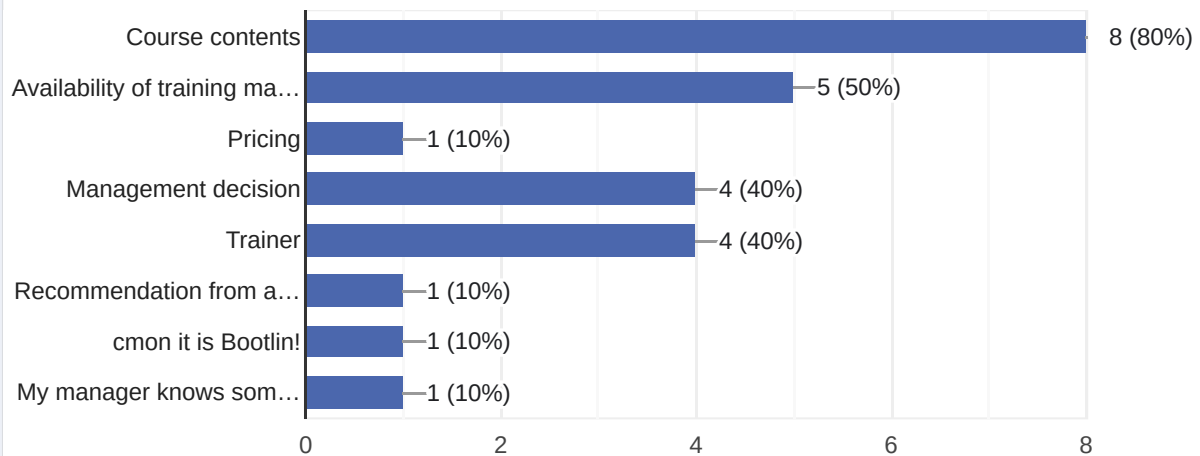Topics on GPL, maybe spend a bit less time on this.

Licenses

Pace at which live demos were given - it was a bit too fast for me

graphics stack

What reasons prompted you to choose a Bootlin course?

10 responses

- Course contents — 8 (80%)
- Availability of training ma… — 5 (50%)
- Pricing — 1 (10%)
- Management decision — 4 (40%)
- Trainer — 4 (40%)
- Recommendation from a… — 1 (10%)
- cmon it is Bootlin! — 1 (10%)
- My manager knows som… — 1 (10%)

Comments

5 responses

I've taken them in the past, and have learned a lot, this time as well.

Because the course is so fast paced, I think it is pretty important to do the labs, to make sure all the concepts sink in.

Keep up the good work at Bootlin. (Y)

Thank you for the course, it was very intense, and I really enjoyed the homework assignments; completing them helped me understand the material much better.

Overall, this training has been a transformative learning experience for me, and I would highly recommend it to anyone looking to deepen their knowledge of Embedded Linux systems. I would definitely come back for other courses!! :). Thanks a lot for everything

Further training needs?

5 responses

Maybe virtualization (ex. docker containers, KVM, LXC, etc?). How virtualization and hypervisors work in ARM with EL1-EL4.

I would be very interested in a training course focused on security, especially encryption. A deep dive into fully encrypting U-Boot, the kernel, and the rootfs would be extremely valuable.

Next, I am interested in a Linux Kernel course, but not in this semester.

Linux Kernel Driver Development, Yocto

RTOS

Google Forms