Bootlin training course evaluation
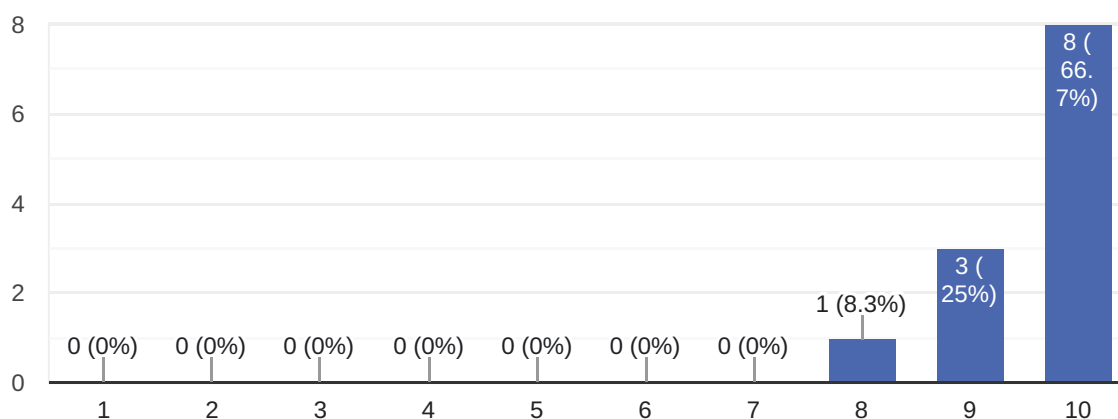
12 responses

Publish analytics

Overall rating of the course

12 responses

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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: 1 (8.3%)
- 9: 3 (25%)
- 10: 8 (66.7%)

Comments and suggestions

7 responses

Personally I woud have liked an extra day to cover the last day's lectures

The course was well-structured and very helpful. I've been working with embedded linux for almost a year now, and learned so much more that I was missing.

Maxime was excellent! He was very knowledgeable and welcomed questions and open discussions. The training materials and labs are excellent as well. I learned a lot and will be referencing these materials in the future for sure.
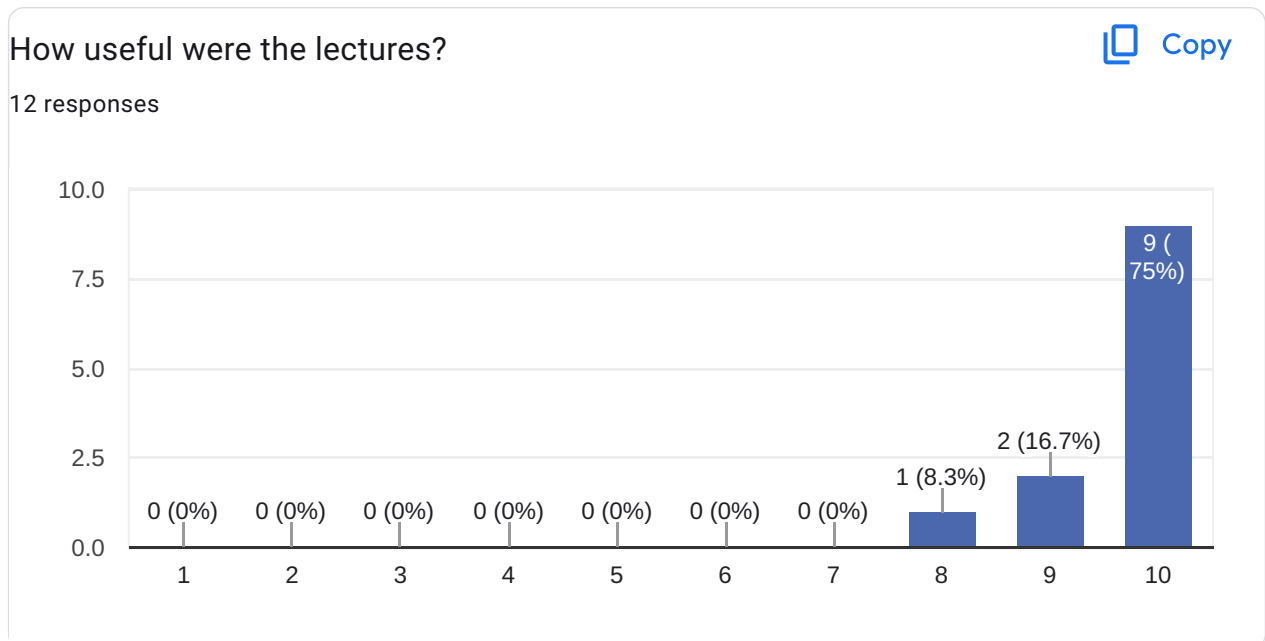
Good material, good slides, and great instructor.

Very good introduction to help us get a grasp on the building of an embedded Linux system. Very helpful to know about all the things we don't know but can get information on.

The course was great, I love that it starts from the ground up with all the pain points that help you appreciate a build system like Buildroot or Yocto so much more.

Excellent course! While I have gone through the process before I had not much of an idea of why I was doing some stuff that I was doing. Having it all explained and allowing us to ask questions made it super helpful!

How useful were the lectures?

12 responses

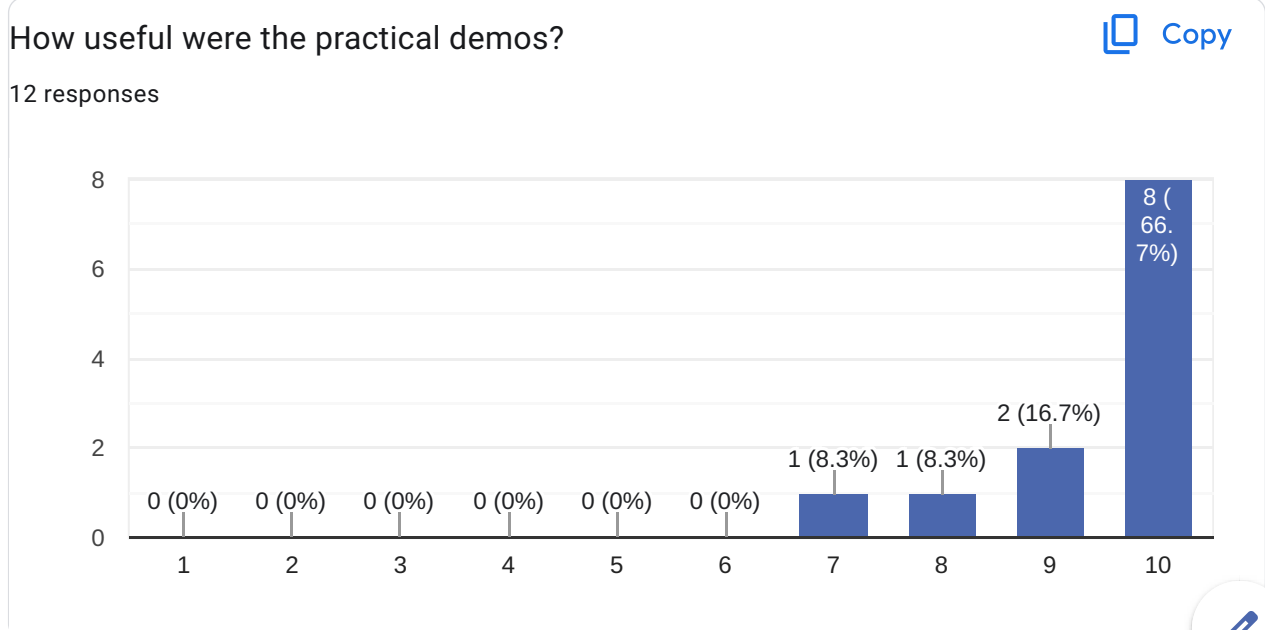## Comments and suggestions

5 responses

The organization of the lectures was great. Lots of great a-ha moments along the way.

The slides are done well but it really helps seeing someone do it in real time. Especially when we can ask specific questions about our setup.

Good to cover the slides plus get additional information.

The lectures were really good. Maxime was able to add lots of anecdotal advice to supplement the slides.

Shortcuts and tips mentioned are super helpful

How useful were the practical demos?

12 responses

Comments and suggestions

7 responses

more time to do this live along with the instructor would be perhaps useful

Loved the STM32MP DK and the example labs. They were both simple enough and complex enough to get a lot out of it in a short time.

Kept a good pace and didn't waste time retreading old material.

Very nice to build the system manually step by step.

One thing that i felt was the labs was way too fast for a beginner. If the pace of the labs could be reduced, that would be extremely helpful.
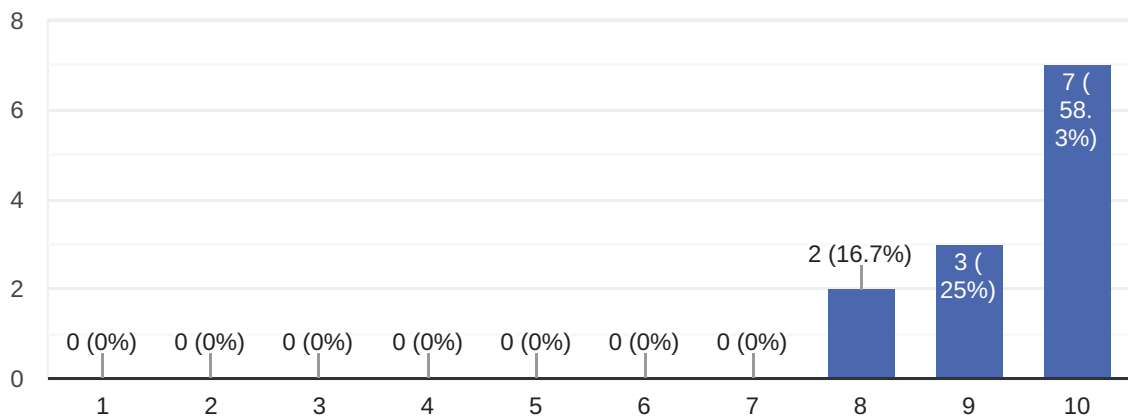
It was great to immediately put what was learned to real hardware, sometimes the labs moved a little fast but having the team chat available to answer questions offline was helpful in getting caught up each day.

Wish they would reference slides for sections where its mentioned you should know this. Its very difficult to follow along during the demo when doing the labs. One mistake on my end and I fall behind. At the beginning of the lab document there should be a section to setup everything in the environment like tftp and nfs server before the start of the classes.

How would you rate the overall organization of the course?

📋 Copy

12 responses

Comments and suggestions

4 responses

It is mentioned in a single sentence in the introduction course sheet, but it should should be further stressed, maybe by the instructor at the beginning of the class, that labs are ideally done by the participants on their own time to be able to get the most out of them. I found it very helpful to try to do the labs in advance of the related lecture so then I could focus more on the tips the instructor gave while he did the lab.
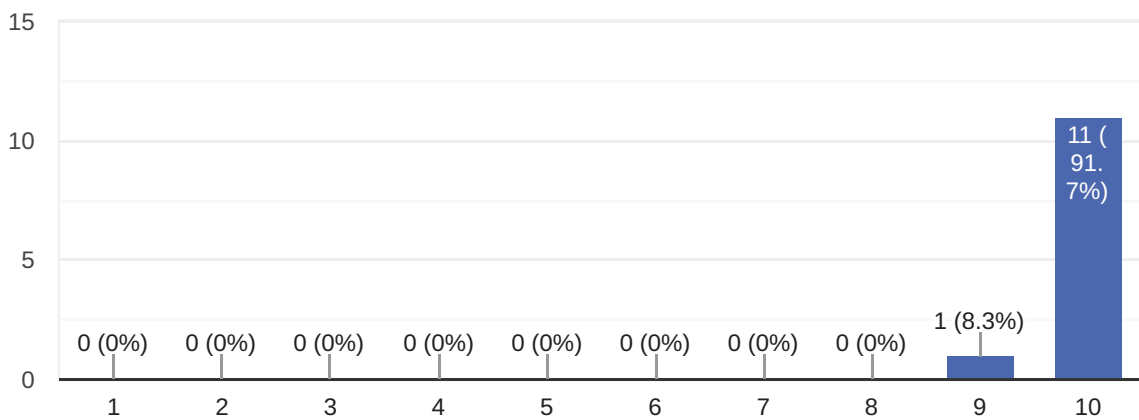
No comments, just very happy with it.

Having everything linked in the single web page was really nice. Course duration worked well and gave us time outside of the lectures to solve any issues we might have run into with the lab.

As mentioned earlier, starting from the base of what is a toolchain to the bootloader and kernel, and eventually the rootfs tools was a great way to introduce the components that will help understand how to debug each stage of the boot process.

How would you rate the trainer?   Copy

12 responses

Comments and suggestions

8 responses

Maxime was beyond knowledgeable and had a very engaging and encouraging attitude

Maxime was excellent and gave a thorough and clear presentation of the training materials. He answered questions very well and kept a good pace.

He thoroughly understood the material present. Had the knowledge to resolved lab issues quickly and answer almost any question. He presented insights not available from the slides alone.

Maxime is great, very knowledgeable, helpful, kind, answers questions thoughtfully

Our instructor, Maxime, was great. He was knowledgeable about the material, answered our questions patiently, and found us good answers for the few questions he did not have experience with.

He had a very great attitude, knowledge, and experience. Great to help us get the answers we had about different parts of the system.
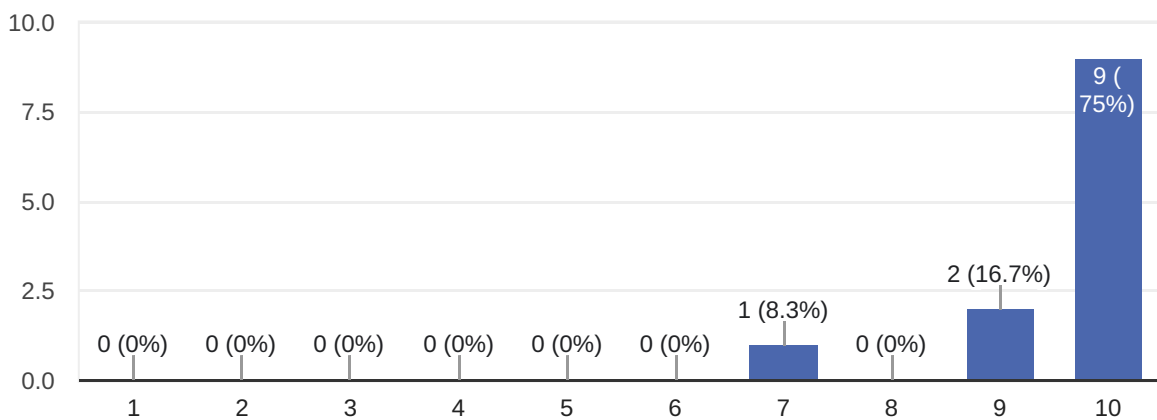
Maxime was excellent, very patient and answered any and all questions with thorough answers. It was great to learn from someone with real day-to-day embedded Linux experience instead of from someone who just does trainings.

Super helpful and even getting back to us on questions he did not have answers at the time. Would highly recommend the trainer to anyone!

How did the course meet your learning objectives?   📋 Copy

12 responses

Comments and suggestions

4 responses

The course exceeded my expectations for learning objectives.

Honestly, it exceeded my objectives!

This course gave me a better understanding of low level Linux development and I think will prepare me well for our current and upcoming Linux work.

Great overview of embedded linux process.

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

10 responses

The hardware interaction / getting the device tree working with a driver.

Building things up slowly from scratch, with intentional errors/missteps along the way to help you learn what to do when things go wrong.

Being able to compile the kernel and boot it on hardware is very cool for folks like me who have not done so before.

The parctical labs

I thought the Wii Nunchuk was a fun touch. Anytime something at work can be related to video games it makes it feel less like work for me personally.

demos

THe knowledge of the trainer and flexibility in Maxinne's approach. The course contents was detailed and presented in a way we could understand.

Hands On Labs

Getting to learn the different workflows to speed up development (using NFS to bootstrap the device to save time reflashing the SDcard over and over again).

The lab portion was the best

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

7 responses

None

Having to re-do certain steps from early labs is a bit tedious.

The speed was a bit fast

I'm used to Linux tutorials having every command explicitly listed to make sure you don't miss a step. I understand that in a course like this we are expected to remember how it was done before but sometimes I missed or misinterpreted a single sentence in a page of text which caused my system to not work. Only after talking to the instructor or other engineers taking the course was I able to fix these few issues.

The pace of the labs was too fast and I ended up having to be distracted from the lectures in order to complete the labs. Which ended up causing me to ask a lot of questions during the lecture.
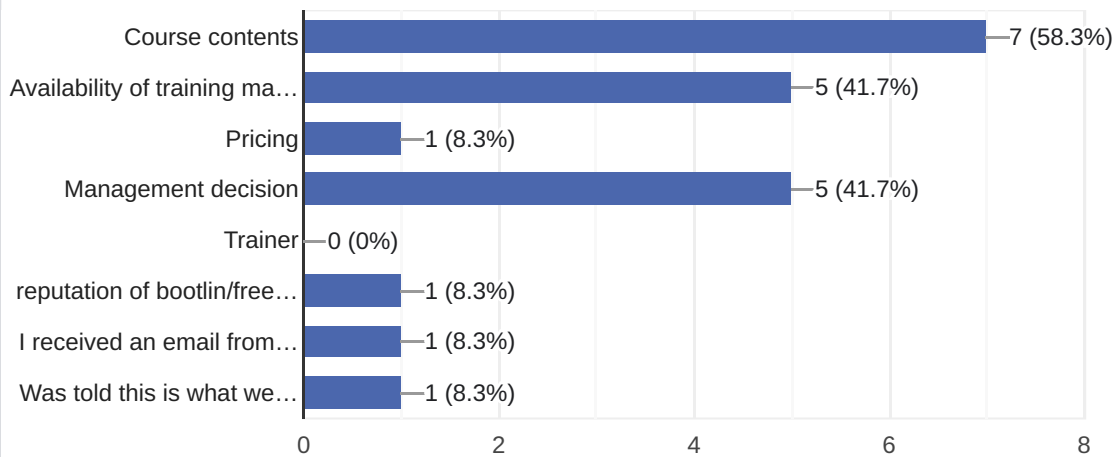
N/A

Final Quiz. Some questions asked were not covered at all.

What reasons prompted you to choose a Bootlin course?

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12 responses

Comments

2 responses

Great course, a ton of valuable information learned

Would recommend other courses if we have the budget for additional training.

Further training needs?

7 responses

Driver development, advanced debugging, real-time kernel

I am interested in kernel driver development + realtime development.

We are transitioning out platforms to Linux and I do not have a lot of experience in these areas. I would be very interested in the drivers and Yocto courses especially

Linux driver and application development

Kernel Driver Development, Yocto, Investigating memory leaks

Linux device drivers, bootloader porting, Linux real time patch, Linux RPMSG for remote processors.

Realtime and driver creation looks very useful.

Google Forms