

Bootlin training course evaluation

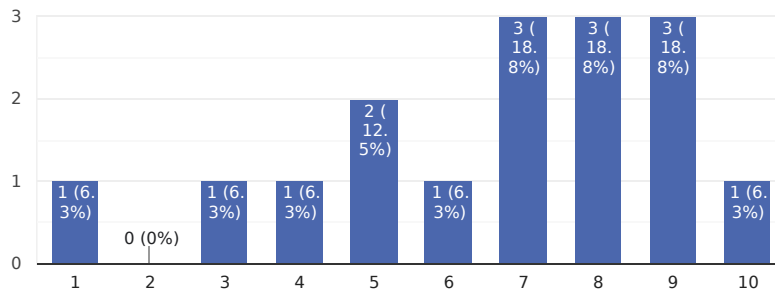
16 responses

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Overall rating of the course

 Copy

16 responses



Comments and suggestions

11 responses

More information about prerequisites needed for the course. Maybe some quiz before taking the course. I felt like the course was too difficult for me and it was hard to follow when you lacked knowledge.

It would be nice to do actual work with own hw (which was bought by our company for this course), but when you have to make those on your own time it's useless. I have to do work after course and don't have any own time.

Live demos was not very educational for me. Better to have dedicated time to do labs on your own. For example 2h lecture, 2h lab

English with French accent is difficult to understand..

Part of the labs could not be done because of different board used (STM32).

We were told to get STM32mp-cards but these were not used in the course which meant that some of the labs we couldn't do (Real time, NAND-flash and some more..). So far I've not seen any use of the nunchuck that we were supposed to buy.

In general, the prerequisites are misleading, this course demands high skill and understanding of computer systems, computer memory and deep understanding of the available commands. There is generally a brief explanation of some of the words, but it was necessary for me to read up on difference between RAM/ROM, What a flash memory is, what is a device tree, filesystem etc. I did not find the slides informative enough on that. It would also be useful to have a printable sheet with all acronyms, details on introduced subjects etc. It was difficult to follow the labs, especially on where and how to find things. Small, but vital details are hidden in the text sometimes making it very easy to miss vital steps when doing the labs.

Pace is so fast that no time for notes in labs.

The contents of the course are very good and useful, and the lecturer is very knowledgeable!

The lectures could be more engaging by telling us "why" we are learning about a specific command or tool. It was difficult to put the commands and tools into a context of when I should use this or what this is for. Which led to missing focus.

It would be good to have scheduled time for doing the labs. Now we had to do our regular work after the lectures meaning little time for labs meaning less questions, focus and understanding.

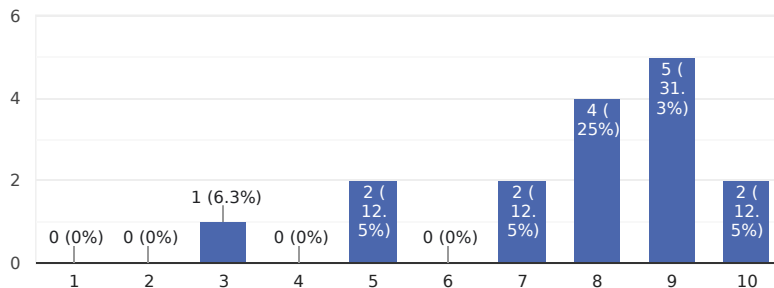
It has been a really good and informative course. Slides are good and it is nice to have those links to go further with some of the topics.



How useful were the lectures?



16 responses



Comments and suggestions

7 responses

The content on the slides was good and interesting.

Lot's of powerpoints. I think that I have forgot already most of those. It would be more more benefit to to do something else than only listen.

The live demos while useful took focus away from the material

Good info for understanding Linux

They were informative and have given me some insight in how emedded services works.

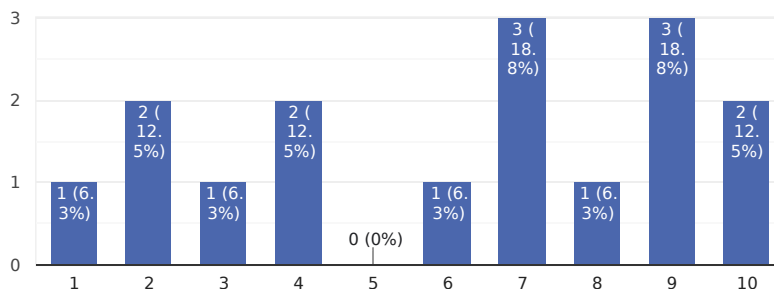
The slides are ok, but it would be nice to have more pictures, and make deeper explanations available.

Very good and useful contents but more context of why we are learning about this command/tool would be good.

How useful were the practical demos?



16 responses



Comments and suggestions

10 responses

It was hard to follow since we had another card and it is easy to loose focus when you just look at someone doing a lab. It is good to see examples but one suggestion could be to record them before the lecture and pause if there are any questions. Then the participant can look at the recording after the lecture as well.

It would be better to do those with same hw that our company has bought to everybody.

Demos were fine but since the instructor had a different board, they were different for me

Less live demos, maybe use prerecorded instead. They were useful when done myself

Watching the labs during the lecture time was not very educational for me. In my opinion it would be better to cut that part. The time "spared" could be used as labtime and questions about the lab

Couldn't follow them all..

This part was bad. It should have been lectures which were shorter and then we could lab on our own and ask questions while trying. It was hard to keep focus when the lecturerer was doing the lab, felt like we werent learning anything and when he used another board/card he had to do other settings which was very confusing.

The lab-PM was also faulty at some places which just made it harder.

Having to do the labs outside of the course is hard when you work and you still have work to do, which ended up that I had to do these labs in the evenings..

I did not find the practical demos very helpful, partly because they involved much debugging, it would probably be nicer to have them recorded (without any errors) and available to follow when doing the labs.

Honestly not very useful since it was hard to find time to do the labs so could not use them to ask questions, and also because we had a different hardware (board) so some of the labs were not possible for us. Meant that it was hard to keep focus on what was happening.

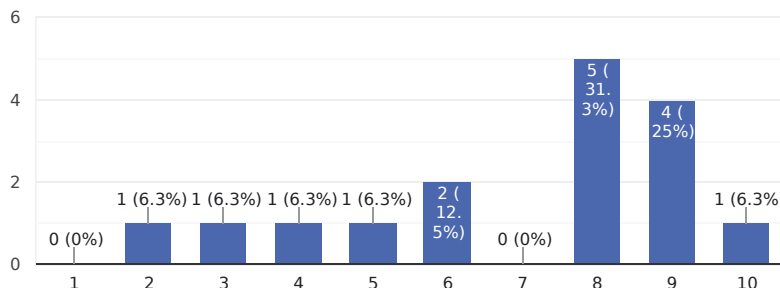
I think it would be better to replace the practical demos with the lecturer doing a quick "get started introduction" and then let us do the lab for X amount of minutes and then be available for questions. And then continue with the lecture as done here.

Demos were great. It is always nice to see how you do things on a live machine.

How would you rate the overall organization of the course?



16 responses



Comments and suggestions

9 responses

Very good material on Bootlins webpage. I like the idea of a initial quiz to see what you know and don't know at the beginning of the course.

Practical demos are useless unless I will try those to do myself, but with different HW and lack of own time it's not possible

To much focus on live demos

Could be more clear where all the links were. Like that in the mail it tells you to register an account at Matrix but nothing said that you had to follow the above link and then find the Matrix-link from there.

The lab-PM was wrong and the course was not adapted for our hardware despite that we just bought what we were recommended by you.

I do not have much to say about the organization, it was a little hard to follow sometimes

Good organization. Also logical build up. First bootloader, then uboot and kernel. Chronologically explained the way the device should boot up. Maybe too much information. Personally I can't handle too much information in a long sitting

I think it was good mostly. See comment about labs above.

Also, the course leader should have the same hardware as the course participants.

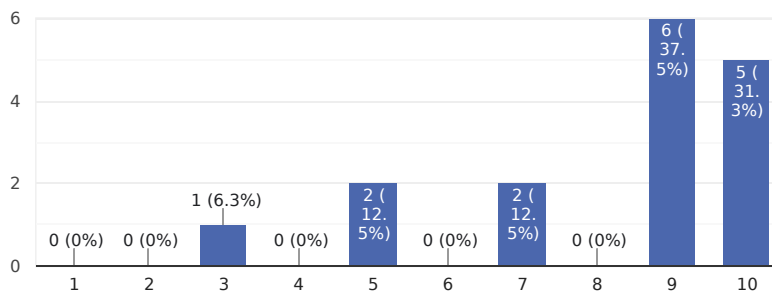
It would have been nice to get some kind of estimation how much time you should reserve time for the practical labs outside the lessons in case you want to reproduce those by yourself.

Course was very well planned and everything was organized excellently.

How would you rate the trainer?



16 responses



Comments and suggestions

7 responses

Competent trainer. Has answer to all our questions.

Competent trainer with useful answers to most questions

The lecturer is definitely competent, it took a day before we got used to the French accent but other than that it was good.

The bad parts are all related to the practical demo. Performing a live demo is bound to fail in one way or another, bugs arise and then he had to fix them which makes it hard to focus and follow along.

Unfortunately, i found the accent a bit hard to understand at times. It would be nice to be more engaged in the subject and maybe stand up, point at things, or similar.

Good trainer with lots of knowledge. Showed mistakes and how to solve them. Speech could be improved, typical French person speaking English. Sometimes a bit hard to understand because of pronunciation of words.

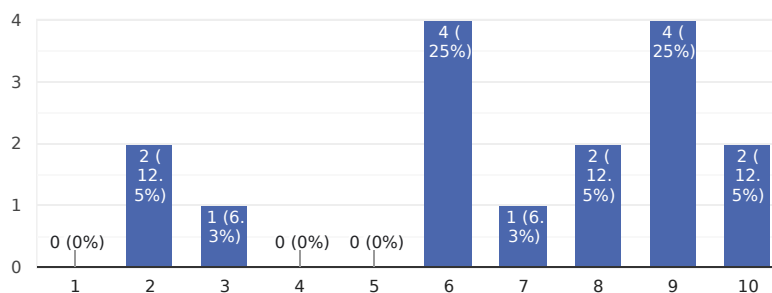
Very competent and encouraging to ask questions.

Gregory was very good trainer with lots of knowledge about the embedded linux.

How did the course meet your learning objectives?

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16 responses



Comments and suggestions

5 responses

I felt like I lacked knowledge before the course and it was therefore hard for me to follow. I learned a lot but I think you will get more from the course if you have more experience working with Embedded Linux.

Too much stuff in so short time. And without doing anything than listening I fear that I will forgot most of this at end of this week

I did learn lots since I've never been working with embedded systems. Mostly at a overview level but I did enjoy it.

It demanded alot of own study between the sessions, both to understand more in depth and to gain the prerequisite knowledge to understand the topics.

Don't fell that I have acquired all the knowledge I should yet, hopefully I will have time to do the all the rest of the labs later and learn more. Would have liked to do the labs instead of having the practical demos (since it seems that the lab pm is very good to follow). See above comments.



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

11 responses

- Bootloader
- Nothing to do with the actual HW (if you don't have any spare time)
- The practical aspect and how I learned why things are done
- The practical labs when done myself
- Labs
- I liked all
- The labs and actually building the system from scratch & testing it.
- When I was doing the labs myself.
- I found the first parts interesting on how to boot etc.
- Toolchain, Bootloaders, kernel, buildroot
- Building a toolchain and learning how to use it with the target arch.

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

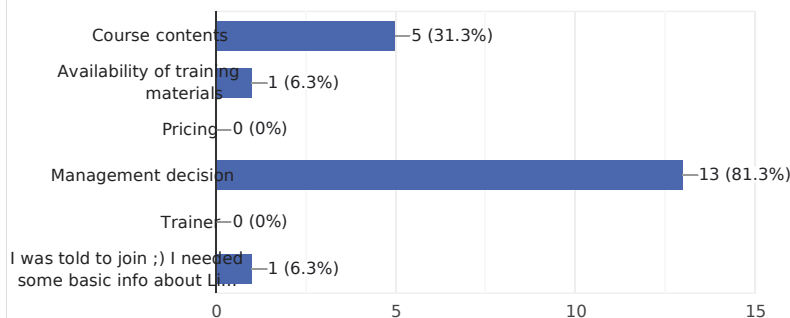
7 responses

- Demos
- The live demos
- Live demos
- Watching the lecturer do the labs/practical demo.
- I did not understand the point of version-control and patching... maybe i just misunderstood...
- Don't know, many parts that I don't work with now, but might be useful later.
- Well not liking is wrong word but maybe the UBI/ubifs section because it was the most complicated one.

What reasons prompted you to choose a Bootlin course?

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16 responses



Comments

2 responses

Thanks for the course and good work!

Good course. Highly recommended for anyone who likes to know basics/more about embedded linux.

Further training needs?

4 responses

Linux driver development.

Not that I know of. I would need to finish the labs and understand them before I could move on.

Yocto

Kernel, RTOS and Yocto

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