

# Bootlin training course evaluation

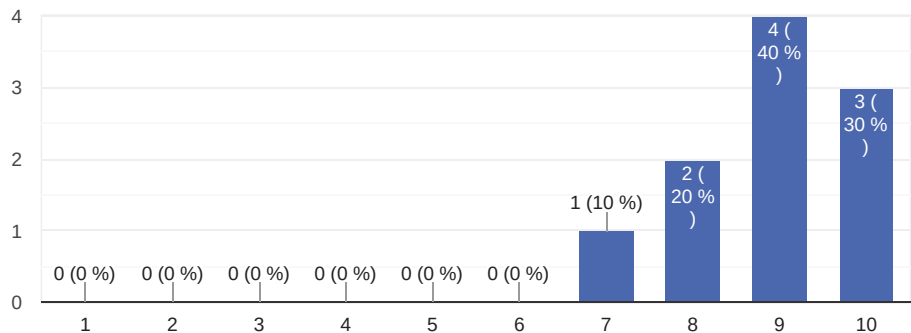
10 réponses

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## Overall rating of the course

 Copier

10 réponses



## Comments and suggestions

5 réponses

This course gave me an in-depth understanding of the BitBake and build process using Yocto. João was extremely patient with some of the questions and took the time to explore along with explain what the answer ultimately was.

course was great with good content

I would have appreciated, that the course takes place in the morning. Furthermore I was surprised that on Monday also other participants from Switzerland, Germany, Austria, Liechtenstein where there. Although there was a public holiday at this day.

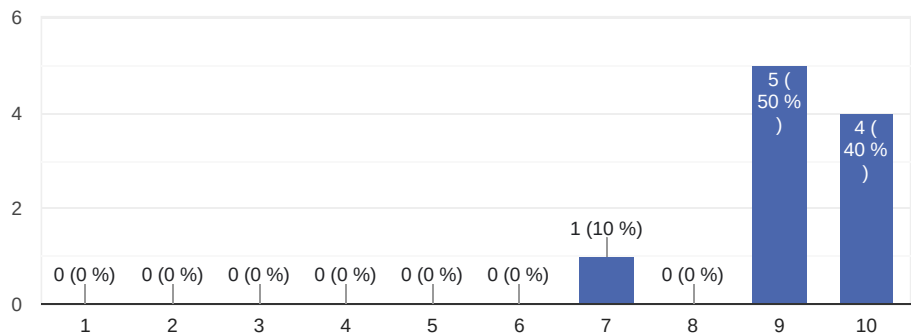
I liked the course! :)

Very good introduction and overview of yocto.

## How useful were the lectures?

 Copier

10 réponses



## Comments and suggestions

5 réponses

João was very effective in communicating with each student and took the time to ensure that everyone understood what was going on.

yes, all topics were explained good

Great that the slide contents are also linked, and the trainer could test out the contents immediately in his live environment.

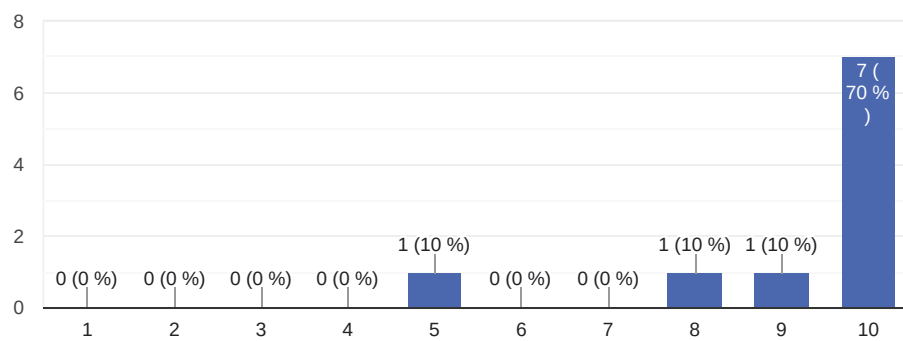
Do not state that a machine with Ubuntu 22.04 is needed, although the labs were already prepared to work with 24.04. And please do not mention the Beaglebone :) - i had a hard time with the beaglebone black. My colleague had the STM - everything was working out smoothly for him.

They were definitely useful for laying a good foundation about how different pieces of the yocto system work together

## How useful were the practical demos?

 Copier

10 réponses



## Comments and suggestions

6 réponses

I had a little trouble with the demos due to I am working on a MacOS using a Docker container. However, the tricks that João demonstrated was very helpful in navigating the slight differences in how the demos were executed.

I really like that the lab instructions guides are well explained

The preparatory information was great, so there was time to organize the board. The setup of half-days were perfect, to actually carry out the demos on my own. It would be great to be able to download the solutions as an archive so that the directory tree with all files could be extracted, instead of downloading each file and re-creating the directory structure by hand.

It's definitely useful to have someone go through the demo's / labs and explain the reasoning or what's going on or being able to ask questions rather than blindly following a sequence of lab instructions. It's also good to hear what other questions other people ask in case they think of something i might have missed

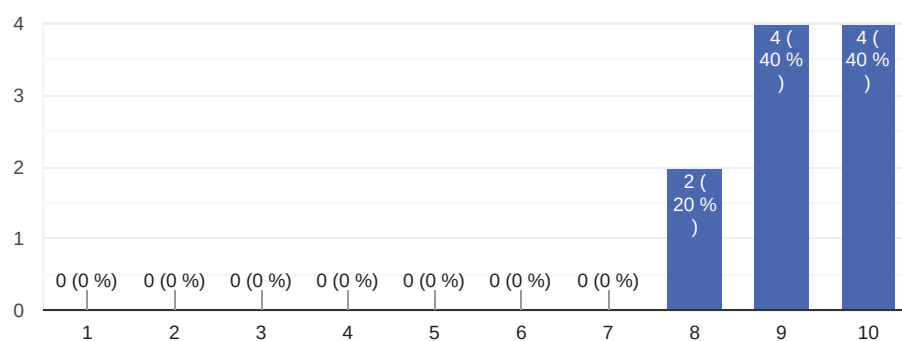
The demos and the labs are he most interesting and interactive part of the training.

Some interesting topis where uncovered during the demos, but mostly it was copying commands from the instruction sheet and waiting for the result. Because of all the waiting time, we ended up jumping back and forth, making the lab disjointed. It would be better to make the lab mandatory for participants, and setting time aside during the start of each lecture for questions related to the lab.

## How would you rate the overall organization of the course?

 Copier

10 réponses



## Comments and suggestions

4 réponses

For understanding the build system, this course was laid out and progressed perfectly.

Great organization. Claver to have a buffer day. Great to be able to ask questions at any time and dig into some topics on-demand.

I felt the course was well organised

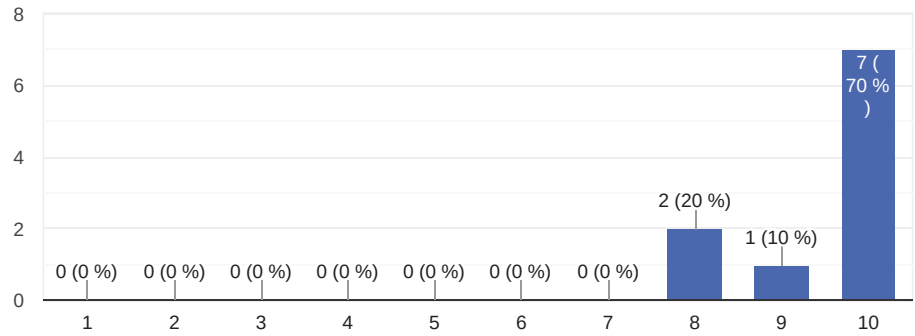
Some requirements should be updated, like at one place Ubuntu 22.04 was listed as required/recommended OS, but everything worked fine on 24.04.



How would you rate the trainer?

 Copier

10 réponses



Comments and suggestions

5 réponses

João took the time to ensure that everyone who asked a question got the answer. He also took time to make sure everyone was following along properly and did not rush any section where any student was unsure of the information being presented.

the trainer was very patient and answered all questions, he explained everything very well even for a begginer like me

Well understandable English, even though not a native speaker.

Honest on status quos, no BS

The first day, one could only see his silhouette, that was suboptimal, as gestures and a face helps to follow over 4 hours. But fixed it next day.

It maybe would have make things faster to have a remote build/beefy machine to execute bitbake commands, so that bitbake doesn't need to race with the stream.

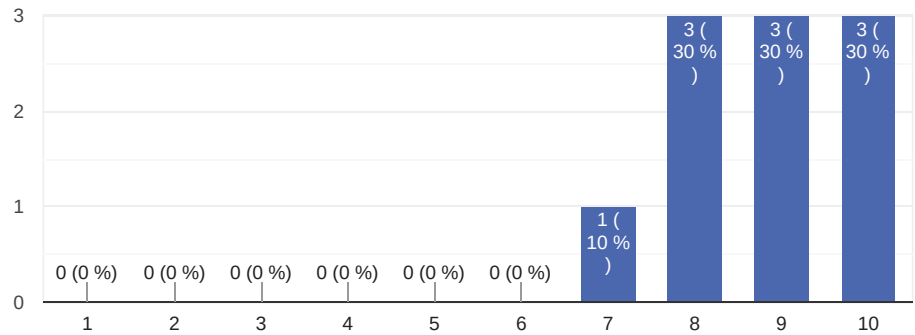
Liked the demos, although a bit slow paced.

João kept the lectures lively and made the demo interesting. It felt like he had a lot of experience to share.

How did the course meet your learning objectives?

 Copier

10 réponses



## Comments and suggestions

4 réponses

I have a much better understanding of the Yocto build system and BitBake, I am going to need to perform a few more builds and modifications to be more confident. But overall, this course gave me plenty of resources now that I can use to help solve some of my previous build issues.

Would have loved some slides on system update and secure boot, ATE. What are the tools/ supporting in Yocto.

This is exactly the course, we needed.

I feel like i wished I had learned more about specific things such as using a custom device tree and making/applying linux kernel patches, but maybe this is outside the scope of the course

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

6 réponses

In-depth understanding of bitbake.

"real life" examples. Like defconfig vs config usage, drilling down on-demand e.g. in variable assignment or OVERRIDES.

All in all the parts, that would be harder/slower to get from the material or official documentation only.

Doing the practical labs; having a board set up with only a bootloader and having it boot from tftp + nfs server is pretty nice :)

The demos

Labs, very interesting

I think it gave a really good insight into the basics of yocto, where most guides just tell you to copy some text. Now i at least know what that text is suppose to do, and if i should paste it into a config or recipe. It lays a really solid foundation.

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

4 réponses

Demos, only due to I was working in a slightly different environment.

Waiting for bitbake

I feel like some of the explanation of some specifics such as yocto variables that arent really going to be retained due the large number of them, in this case one would just search the e.g. yocto variable glossary or manual

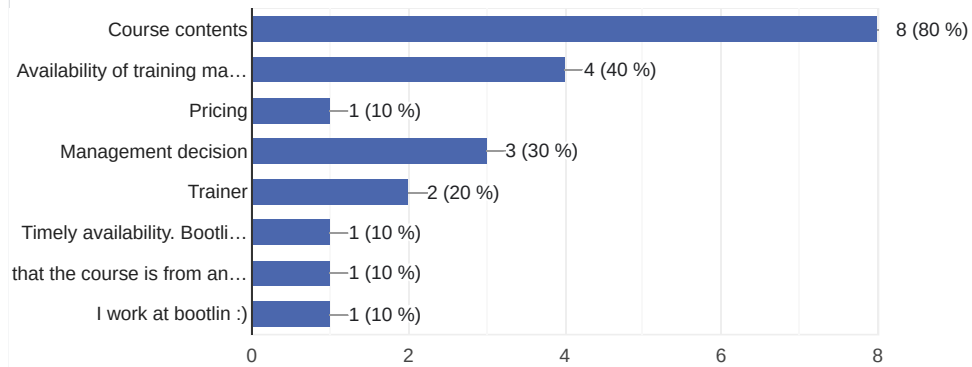
The labs.



## What reasons prompted you to choose a Bootlin course?

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10 réponses



## Comments

4 réponses

We had other co-workers go through the training previously and they highly recommended this training.

I would recommend this course to my peers. I have already benefitted from Bootlin's openly available material and conference talks, but the live interaction and the condensed training helps climb Yocto's steep learning curve quicker.

Best trainer in the world, must be promoted to CEO of bootlin

Great course overall, trainer did a great job.

## Further training needs?

5 réponses

I think we will need to get in-depth understanding of the boot process to help decrease that time for our product.

Focused training on secured/verified boot combined with secure system updates.  
Related, secure board provisioning during manufacturing process.

Linux debugging, profiling, tracing and performance analysis training

device trees, writing linux drivers

Zephyr

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