Bootlin training course evaluation
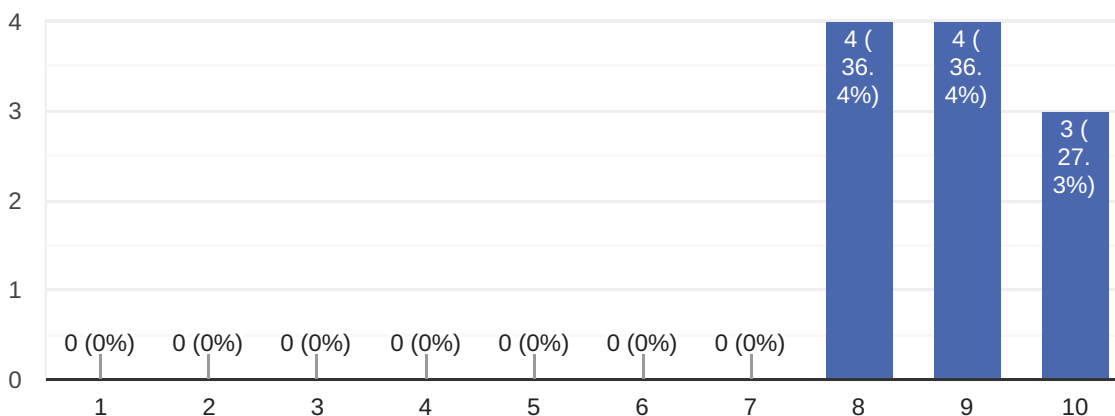
11 responses

Publish analytics

Overall rating of the course

□ Copy

11 responses

Comments and suggestions

3 responses

The course contained lots of useful learning materials to help an individual to get started with Embedded Linux.

The overall package gives a good insight into how the different components of Linux goes together to form an embedded system. There is a lot of handholding and guidance to get you a bootable system that you can then further play around with yourself.
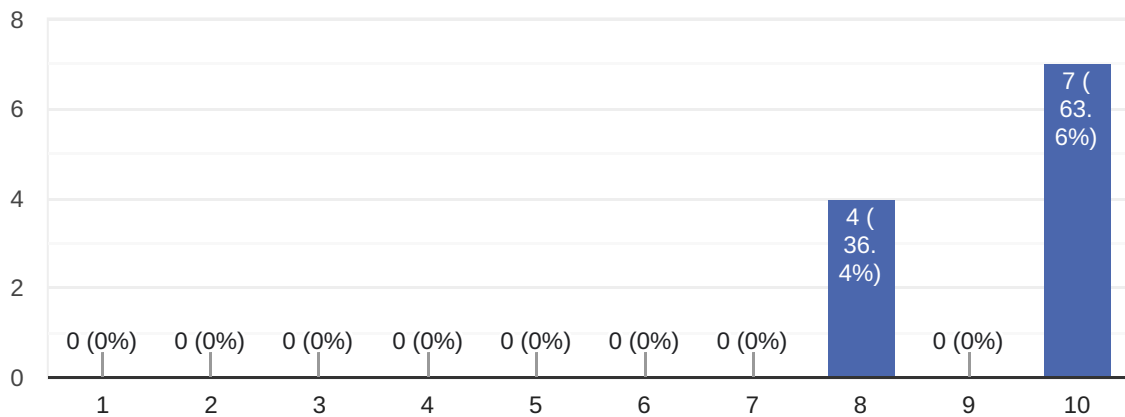
The course provides a 360° overview of embedded linux system integration. Every step of the integration is a world itself, so there is not enough time over a single course to cover all the details. Anyway, I would like to see more on how to map a real data sheet to a DTS, for instance.

How useful were the lectures?

Copy

11 responses

Comments and suggestions

3 responses

The lectures were good. Although I found it difficult to understand the English accent of the lecturer. As the days passed, I could get a grip of it. For a native English speaker, I had to concentrate significantly to understand the lecturer.

It is mostly what is on the slides sprinkled with some knowledge tid bits and the guidance of the instructor if necessary. I believe you could do well enough with the slides if you are a little bit familiar with Linux, but at least for me it was good to have someone talk sort of on the side and I could jump into more active listening when there were times where I didn't have prior knowledge of a topic.
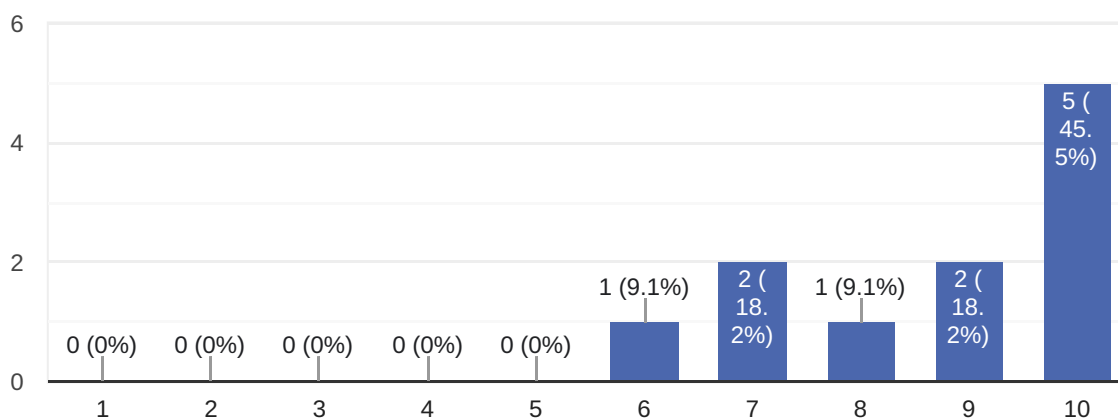
The lectures are well balanced among the different steps to build an embedded linux systems. Honestly, I do not know what points should the instructor focus deeply, as many of them are equally important to integrate a linux system and the only way to go deeper would be extended the duration of the course.

How useful were the practical demos?

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11 responses

Comments and suggestions

4 responses

There are useful but more explanation is needed

The practical demos complemented the learning materials in a good way. Since we were able to visualize the concepts we learned on the evaluation board, it greatly helped to understand the bigger picture.
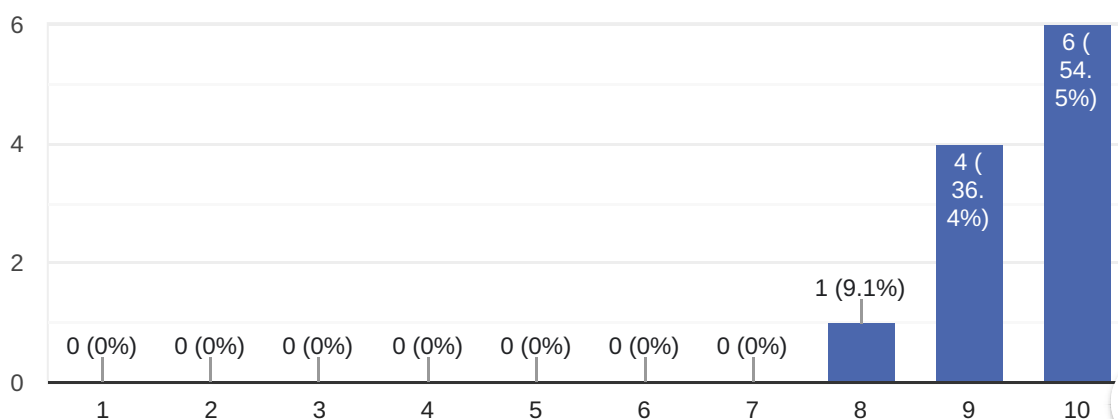
I guess it was okay to see the instructor do it, but nothing beats doing the labs yourself on hardware (or the emulator)

Practical demos allow to cover the main concepts explained during the lectures. However, they are very driven and I think that experimenting slightly different options by ourselves it would traduce in a system not working. In this aspect, I would have shown additional ideas to experiment during the labs.

How would you rate the overall organization of the course?
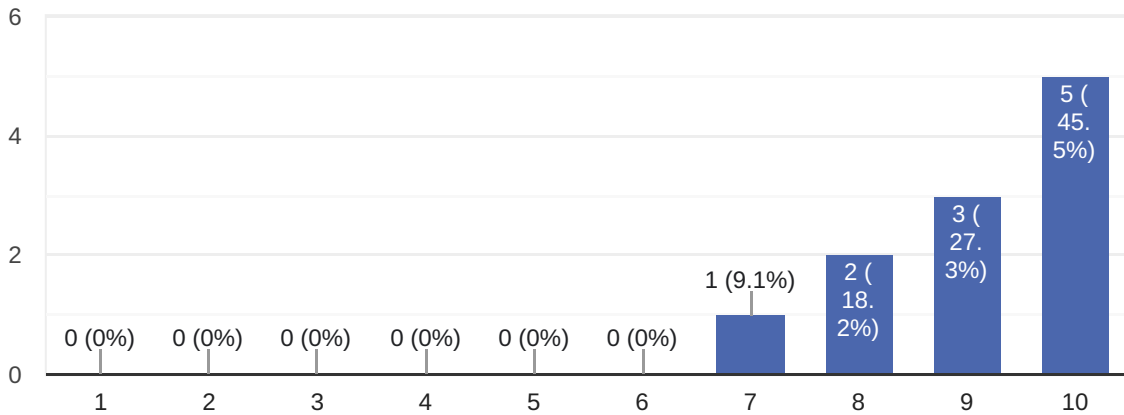
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11 responses

Comments and suggestions

1 response

> The organization of the course is top class.

How would you rate the trainer?   📋 Copy

11 responses

Comments and suggestions

3 responses

> There is more and slower explanation needed

> The trainer is significantly knowledgeable and answered our doubts. In specific, I presented my set of doubts to the trainer outside the learning materials and he was helpful towards the same.
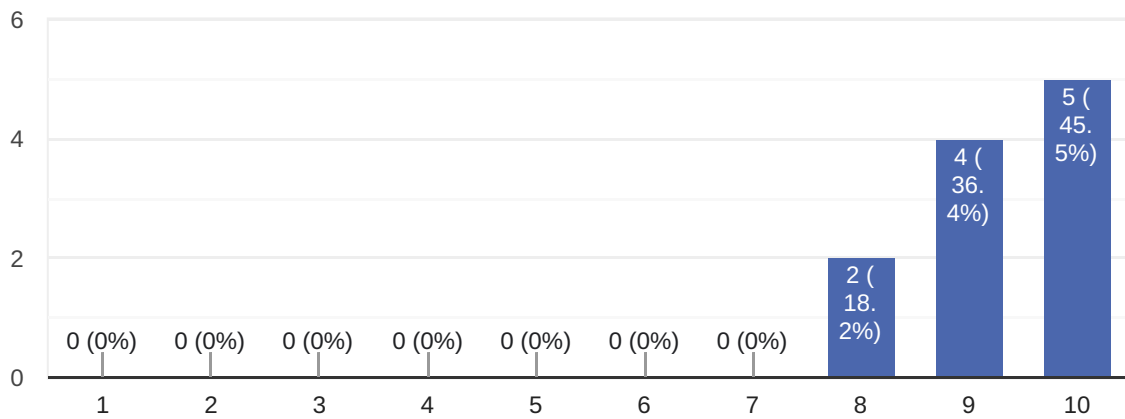
> He knew a lot of things about the areas he was an expert in and asked his colleagues to return with an answer for you in the areas where he wasn't an expert.

How did the course meet your learning objectives?

Copy

11 responses

Comments and suggestions

5 responses

secure boot and more details about device tree can be added to the course to further extend
it.

Fairly comprehensive

Currently, I am working on a Uboot bootloader and booting a kernel image. My objectives
were met. Although it was a lot of knowledge to digest. I feel I need to take some time to
replicate the results from the lab sessions since I did not bring my hardware going into the
course.

I got what I expected, which was a red thread guiding you to a setup that works in this jungle
of configuration options that is an embedded Linux system.

It fills my objectives, but I would have expected to see more on kernel configuration options.

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

8 responses

The first two labs

U-Boot and Kernel configuring and compiling, device tree

everything

Beginning with systematic introduction to toolchain, bootloader, kernel, busybox

Buildroot, Flash filesystem

Building the Uboot, building and booting the kernel.

The more low level stuff about how to get the bootloader setup and getting it to boot linux. These are often the things that are the hardest to figure out.

Toolchain, linux kernel, DT and rootfs. The first 3-4 days of the course

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

6 responses

-

device tree

Flash storage and filesystems

History of GNU project and other basic information. I found them to be boring, but I understand that they have to be in there.

Some of the long parts where it is just a long list of configuration options on the slides. It gets a little bit too boring and can be looked up in our own time if needed.
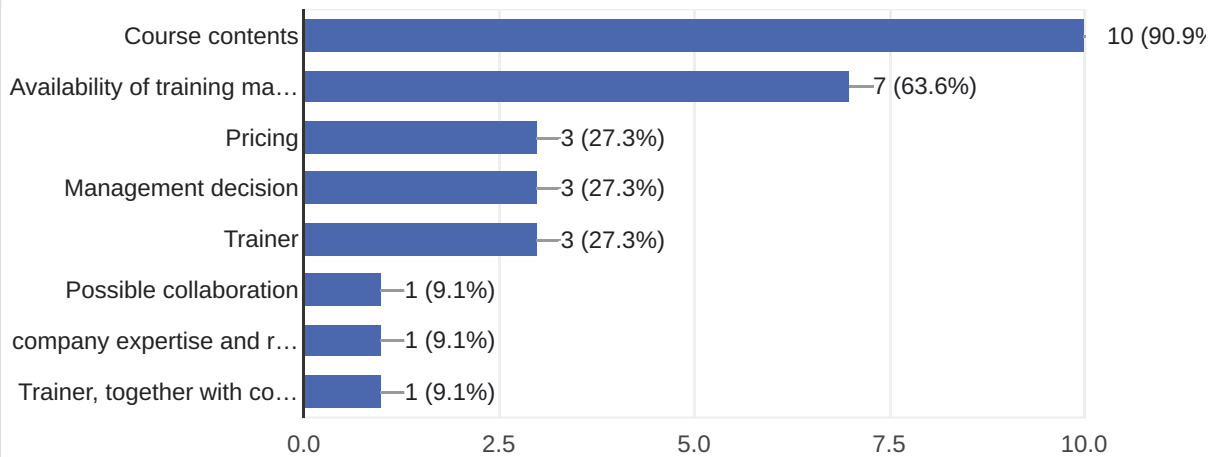
The part on hw access and filesystems.

What reasons prompted you to choose a Bootlin course?

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11 responses

Category	Value
Course contents	10 (90.9%
Availability of training ma…	7 (63.6%)
Pricing	3 (27.3%)
Management decision	3 (27.3%)
Trainer	3 (27.3%)
Possible collaboration	1 (9.1%)
company expertise and r…	1 (9.1%)
Trainer, together with co…	1 (9.1%)

Comments

0 responses

No responses yet for this question.

Further training needs?

4 responses

secure boot, network drivers, in depth device tree

Yocto, GUI development for constrained devices, e.g. using LVGL

Specifically building things with something like Yocto, which is an area you already cover

Linux kernel development. May be U-boot optimization and buildroot or yocto

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