8 responses

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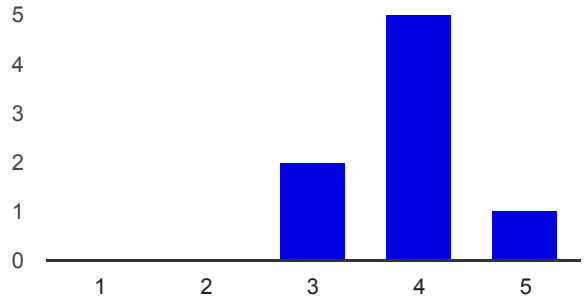
Summary

How did the course meet your learning objectives?



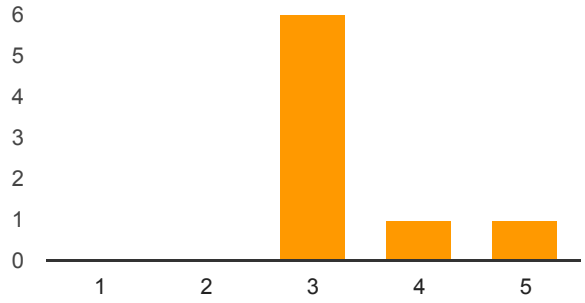
Not met: 1	**0**	0%
2	**0**	0%
3	**2**	25%
4	**5**	62.5%
Fully met: 5	**1**	12.5%

Comments and suggestions

I explain below when talking about labs.

I've been working on linux kernel long enough to know "basic mechanics" and "programming patterns" used in the kernel. I was mostly interested in learning "Device tree", I2C API/operations, and how the two interact. That section of the class fully met my expectations. Labs were good - plenty of "figure this out" and then getting the details "fixed" by reviewing the few bits that I'd done incorrectly with the instructor.

How was the duration of the course?



Too short.:	1	**0**	0%
	2	**0**	0%
	3	**6**	75%
	4	**1**	12.5%
Definitely too long. :	5	**1**	12.5%

Comments and suggestions

It is hard to judge this without actually applying the knowledge to figure out what needn't have been covered or what else should have been covered. It seemed quite comprehensive. I know that it is tricky to balance basic operating system concepts and how they are implemented in the Linux kernel. I felt like the biggest weakness was not being clear when one or the other was being described. Within Linux, how things are connected in real life (like what fields in device trees must be the same to connect the device tree to the driver code) were unclear to me.

To our usecase, I think the duration was perfect. Five days would have been too long.

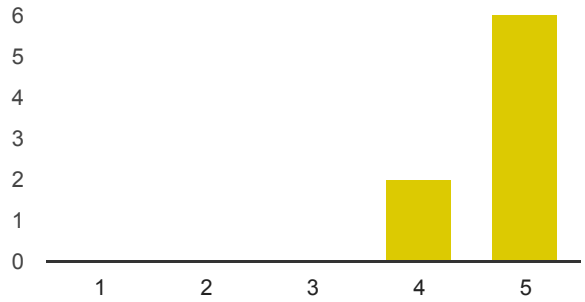
How useful was the lecture document?

Not useful.:	1	**0**	0%
	2	**0**	0%
	3	**0**	0%
	4	**4**	50%
Very useful:	5	**4**	50%

Comments and suggestions

I often found myself reading ahead and referring back to it.

How knowledgeable was the instructor?



Not enough for me:	1	**0**	0%
	2	**0**	0%
	3	**0**	0%
	4	**2**	25%
More than enough:	5	**6**	75%

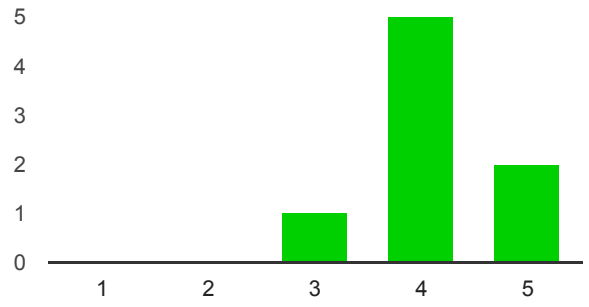
Comments and suggestions

The instructor seemed to know the material very well.

Usually trainers come with long of theoretical background with no practical knowledge (Eg., school). On the other hand, Engineers tend to have too much practical knowledge but not enough theoretical foundation. Maxime provided the right balance of theoretical and practical knowledge.

A+++++ would hire again!!!! ;) (for those of you who spend too much time on ebay)

How much value did the instructor add to lecture materials?

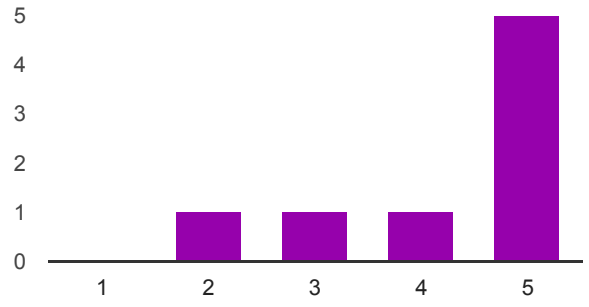


Not much added value: 1	**0**	0%
2	**0**	0%
3	**1**	12.5%
4	**5**	62.5%
A lot of added value: 5	**2**	25%

Suggestions and comments

The instructor's experience and comfort level with the material was very clear.

Was the instructor helpful with practical labs?



Not much: 1	**0**	0%
2	**1**	12.5%
3	**1**	12.5%
4	**1**	12.5%
Very helpful: 5	**5**	62.5%

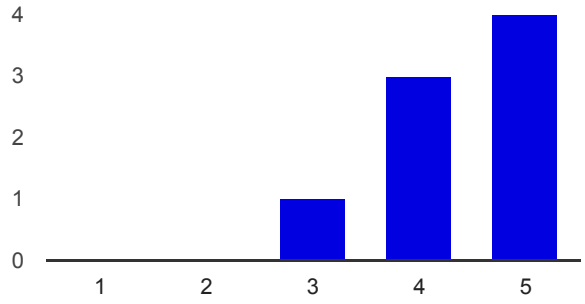
Comments and suggestions

Mostly left people alone to work on the code and then was able to identify specific issues people were having fairly quickly and set them off in the right direction again. This happened twice for me: 1) kernel config wasn't quite correct - somehow picked up the wrong one. (common error was running "make oldconfig" without specify "ARCH=arm ...". We guessed this was the case and when I rebuilt (after "make mrproper" and rebuilding the .config as per instructions, everything worked as expected. 2) added pinctl for nunchuk device to wrong section (one level too deep)

I felt the labs were often more of a "do it yourself" and we could ask the instructor for help if we needed it. Problems encountered by one group were not communicated to other groups.

I think labs should be more guided and interactive, going through every lab to analyze it and solve it in group instead of letting everyone to go by themselves and ask when needed.

How useful were the training labs?



Not useful: 1	**0**	0%
2	**0**	0%
3	**1**	12.5%
4	**3**	37.5%
Very useful: 5	**4**	50%

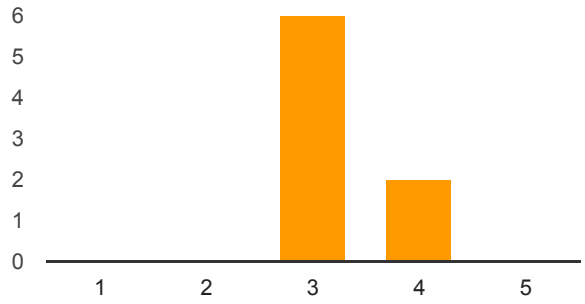
Comments and suggestions

They took the information from the lectures and made them applicable. I felt that switching between lecture and lab more frequently would have been more useful (apply what we just learned instead of what we learned yesterday).

Uh...sorry, I'm confusing "training labs" with "practical labs". I didn't notice there were two types of labs.

They would have been more useful making sure everyone understood the labs completely. Discussing in group would add more value to the labs, sharing everyone's knowledge.

How difficult were the training labs?



Too easy: 1	**0**	0%
2	**0**	0%
3	**6**	75%
4	**2**	25%
Too difficult: 5	**0**	0%

Comments and suggestions

Sorry - confusing "training" and "practical" labs now.

"Too difficult" isn't quite the right term. I often felt like it gave very explicit instructions at one point and at another would instruct us to do something very generic that wasn't covered in the lab document or the lectures.

Was enough time dedicated to practical labs?

Definitely not enough: 1	**0**	0%
2	**2**	25%
3	**5**	62.5%

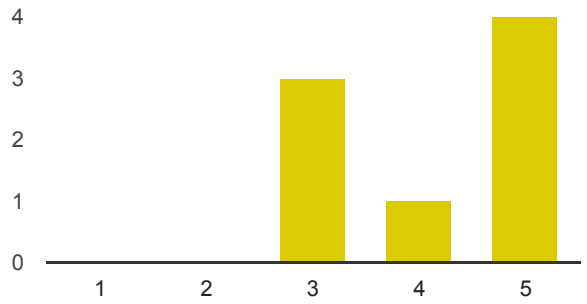
4	**1**	12.5%
Definitely too much time for labs: 5	**0**	0%

Comments and suggestions

I felt like we got through about 2/3 of the labs in the time alotted.

One thing is to understand some theory, other is to be able to code all the necessary stuff to make a driver work and understand the internals. That would need more time that allotted.

How do you rate training conditions (room size, equipment, environment)?

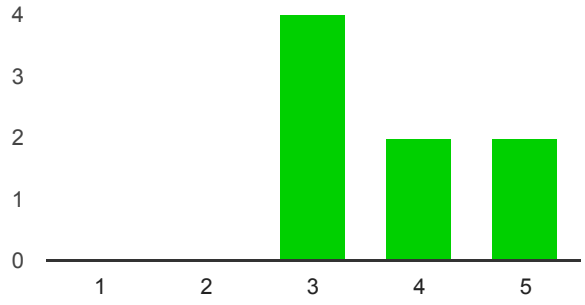


Poor: 1	**0**	0%
2	**0**	0%
3	**3**	37.5%
4	**1**	12.5%
Very good: 5	**4**	50%

Comments and suggestions

On Google premises....frigging awesome! :)

How do you rate the training equipment (mainly computers)?

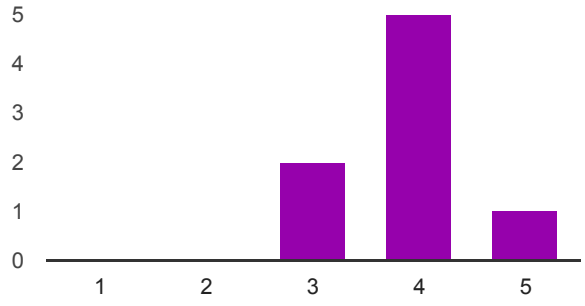


Poor.: 1	**0**	0%
2	**0**	0%
3	**4**	50%
4	**2**	25%
Very good.: 5	**2**	25%

Comments and suggestions

Lenovo Keyboard. That's all I'm going to say. Beaglebone and clone nunchuk were fine.

How well was the course organized (program, registration, schedule...)?



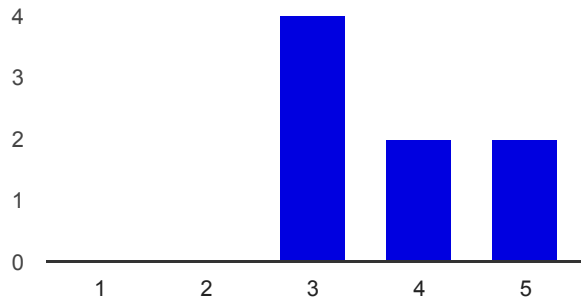
Not well: 1	**0**	0%
2	**0**	0%
3	**2**	25%
4	**5**	62.5%
Very well: 5	**1**	12.5%

Comments and suggestions

first day is too packed. Third day is too loose.

Again for our use case, it was good to have the labs on the 4th day with lectures on 3rd day. Even though this made the lectures a bit confusing, it was lot more useful when we were doing the labs. Each step was clear as how to why it needed to be done in a certain way.

How much did you learn?



Not much: 1	**0**	0%
2	**0**	0%
3	**4**	50%
4	**2**	25%
A lot: 5	**2**	25%

Comments and suggestions

How useful should this course be in your daily job?

Not useful: 1	**0**	0%
2	**0**	0%
3	**2**	25%
4	**4**	50%
Very useful.: 5	**2**	25%

Comments and suggestions

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

Explanations of different frameworks and how they all can fit together. Device Tree. Porting to another arch.

I liked the lab sections the most and learnt a lot from the hands-in experience.

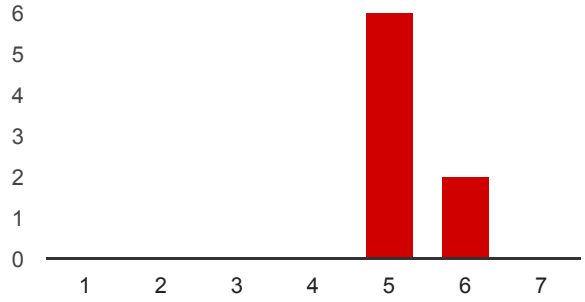
Driver registration Memory Management

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

Power management

Introductory topics already known.

Overall rating



Very disappointing:	1	**0**	0%
	2	**0**	0%
	3	**0**	0%
	4	**0**	0%
	5	**6**	75%
	6	**2**	25%
Excellent:	7	**0**	0%

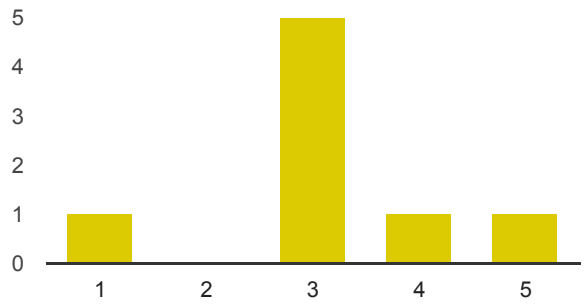
Comments and suggestions

Some additional info on packet flow/network stack/network drivers would be interesting.

I think the key point for these courses is to gain practical experience so it might be better to address labs after covering (deeply) some topic instead of going further with the theory, even if that means not covering so much theory.

it'd be useful if the instructor can walk through some real code sections when giving examples.

Further training needs?



No: 1	**1**	12.5%
2	**0**	0%
3	**5**	62.5%
4	**1**	12.5%
Yes, definitely: 5	**1**	12.5%

Comments

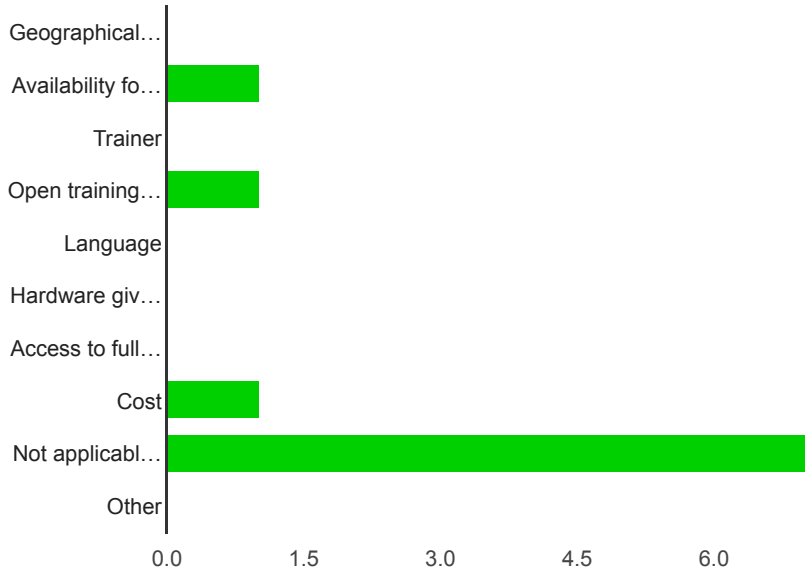
networking?

Not at the moment - maybe in the future again as new needs come up.

How far do you come from?

From less than 100 km / 60 miles	**8**	100%
From more than 100 km / 60 miles, same country	**0**	0%
From a foreign country	**0**	0%

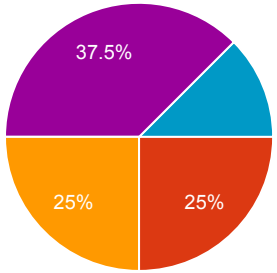
What reasons prompted you to choose Free Electrons?



Geographical proximity (public sessions only)	**0**	0%

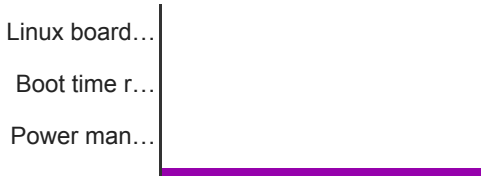
Availability for on-site sessions	**1**	12.5%
Trainer	**0**	0%
Open training materials that can be checked in advance	**1**	12.5%
Language	**0**	0%
Hardware giveaway (public sessions only)	**0**	0%
Access to full feedback from participants to previous sessions	**0**	0%
Cost	**1**	12.5%
Not applicable - My management made the decision	**7**	87.5%
Other	**0**	0%

How did you first learn about Free Electrons?



Course recommended by previous participants	**0**	0%
Internet search engines	**2**	25%
Technical resources on the Free Electrons website	**2**	25%
Presentations in conferences	**0**	0%
Free Electrons chosen by my management	**3**	37.5%
Other	**1**	12.5%

Interested in other types of embedded Linux / Android engineering services?



Linux board support package development	**0**	0%
Boot time reduction	**0**	0%
Power management	**0**	0%
Development of real-time systems	**2**	25%
Build environment support	**1**	12.5%

Root filesystem development	**2**	25%
Technical support	**0**	0%
Bug fixing	**1**	12.5%
Technology and architecture consulting	**2**	25%
On-site engineering	**0**	0%
Not interested	**4**	50%
Other	**1**	12.5%

Comments and expectations

Number of daily responses