

# Training evaluation report

**Training session:** Embedded Linux Training  
**Training dates:** Sep. 21-25, 2009 (5 days)  
**Country:**

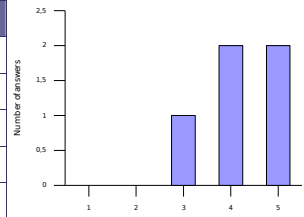
**Number of participants:** 5  
**Returned evaluation forms:** 5

Thank you for having organized a Free Electrons training session!  
 Here is a wrap-up of evaluations from participants.

## Learning objectives

1. How well did the course meet your learning objectives?

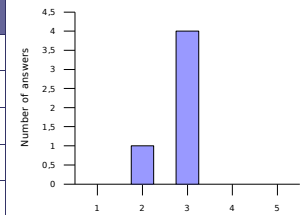
Rating	Answers	Description
1	0	Not met
2	0	
3	1	
4	2	
5	2	Fully met



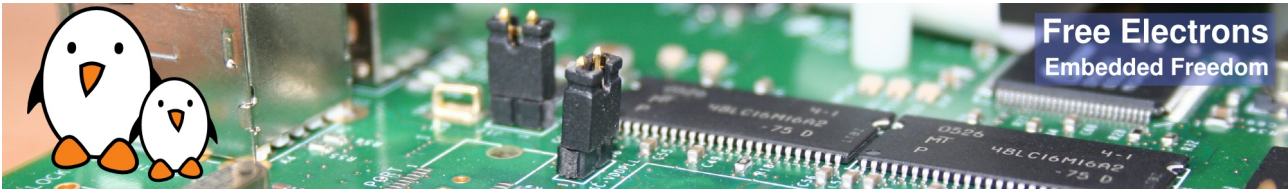
5 - I came to get some exposure on the topic and the session completely fulfilled this goal.

2. How was the duration of the course?

Rating	Answers	Description
1	0	Too short. Couldn't learn enough in such a short time.
2	1	A little too short
3	4	Just fine
4	0	A little too long
5	0	Definitely too long. The concepts could be learned in much less time.



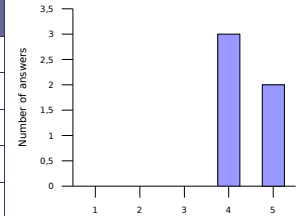
2 - For a beginner, often lots of new things to assimilate in relatively short time.



## Lecture materials

3. How helpful were the lecture materials?

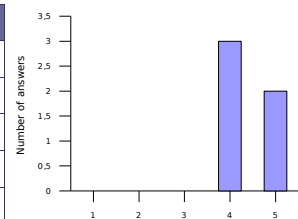
Rating	Answers	Description
1	0	Not helpful. Made things more difficult to learn and understand.
2	0	
3	0	
4	3	
5	2	Really made things easier to understand and learn.



5 - A few days later back home, I realize I appreciated the contents even more.

4. Will you recommend these materials to others?

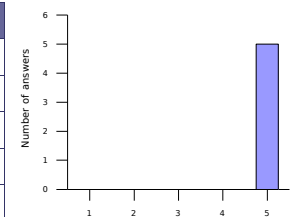
Rating	Answers	Description
1	0	No. Not helpful without following the sessions.
2	0	
3	0	
4	3	
5	2	Definitely



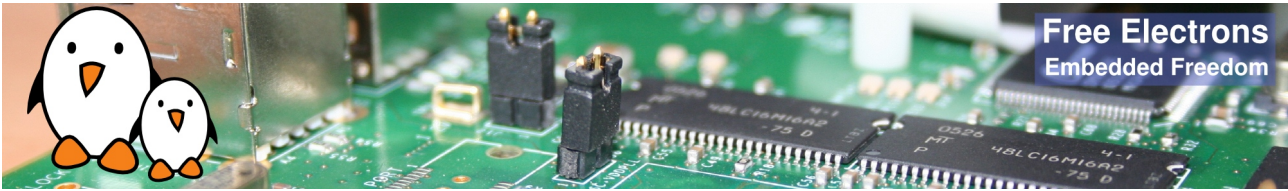
5 - With pleasure.

5. If you have Linux project opportunities, will you use these materials again?

Rating	Answers	Description
1	0	No. I will look for other sources of information.
2	0	
3	0	
4	0	
5	5	Definitely



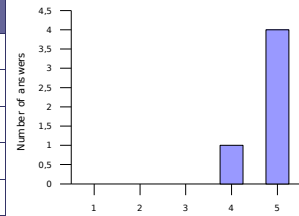
5 - It is a very good base.



## Instructor added value

6. How knowledgeable was the instructor?

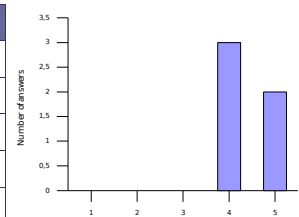
Rating	Answers	Description
1	0	Not enough for my own technical experience.
2	0	
3	0	
4	1	
5	4	More than enough for my own experience.



5 - Technical and with teaching skills

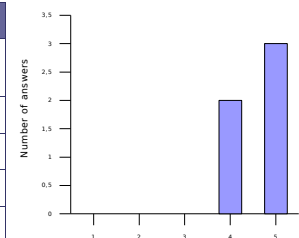
7. Did instructor oral explanations add value to the lecture materials?

Rating	Answers	Description
1	0	No added value to reading the materials.
2	0	
3	0	
4	3	
5	2	Yes. The instructor really made very useful oral explanations.



8. How well did the instructor answer questions from the audience?

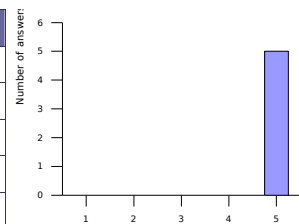
Rating	Answers	Description
1	0	Poorly. Didn't try to understand the questions well or rarely managed to find useful answers.
2	0	
3	0	
4	2	
5	3	Answered very well to questions from the audience

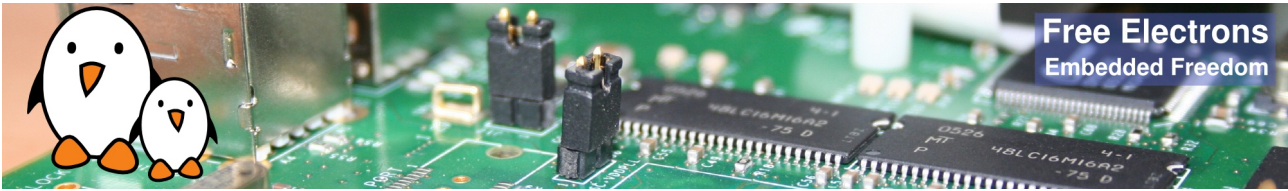


5 - Always available

9. Was the instructor helpful with practical labs?

Rating	Answers	Description
1	0	No, not enough available and helpful during the labs.
2	0	
3	0	
4	0	
5	5	Yes. The instructor definitely helped to make labs a learning opportunity.

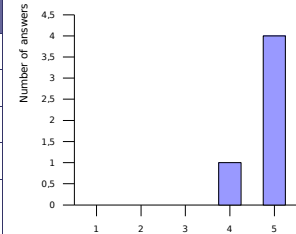




## Training labs

### 10. How useful were the training labs?

Rating	Answers	Description
1	0	Not useful. Didn't add significant value to the lectures.
2	0	
3	0	
4	1	
5	4	Very useful. Helped to highlight things not understood and build useful experience.

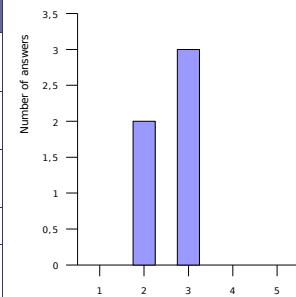


5 - Gradual, progressive approach.

4 - Good, well structured labs, unfortunate due to dynamic nature of OS things move, change and make things difficult for a "rookie"

### 11. How difficult were the training labs?

Rating	Answers	Description
1	0	Too difficult. Didn't help or even discouraged a beginner to get more familiar with the tools and concepts.
2	2	A bit too difficult. Would be better if the lab instructions gave a bit more details about explanations.
3	3	Just fine. Prompted me to look for answers, get my own experience and find my own solutions.
4	0	Too easy for my own technical level.
5	0	Too easy for everyone. Should challenge participants more and help everyone to practice on real issues.

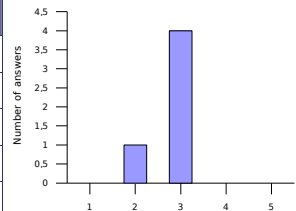


3 - I hesitated between 2 and 3, because there were sometimes a skew between the lab we were working on and the lectures that were coming a little too fast. *Note from Free Electrons: we had to go back to the lectures for people who completed their labs earlier.*

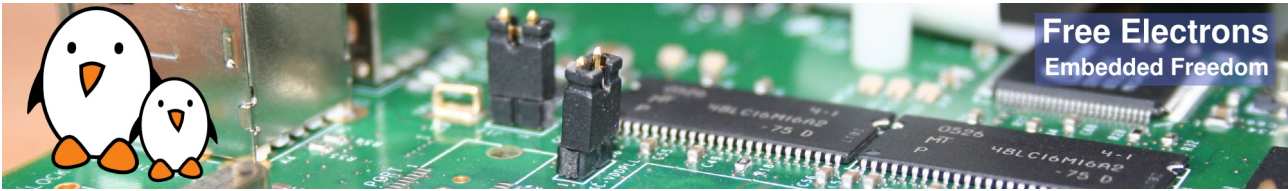
2 - Possibly my fault! Not comfortable with Unix environment prior to course. Sorry!

### 12. Was enough time dedicated to the practical labs?

Rating	Answers	Description
1	0	No. More practice is needed
2	1	A little bit more time would help.
3	4	Just fine
4	0	A little bit less time would be enough.
5	0	Don't need to spend so much time on labs. On-the-job practice is best



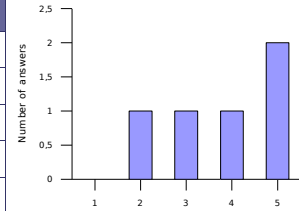
2 - But only because of my lack of Unix experience



## Training conditions

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

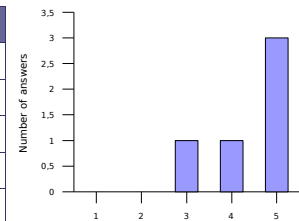
Rating	Answers	Description
1	0	Poor.
2	1	
3	1	
4	1	
5	2	Very good.



5 - Everything was in a very pleasant environment  
 2 - Very hot  
 4 - Tables were a little too small

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

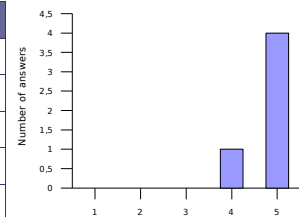
Rating	Answers	Description
1	0	Poor. Not powerful enough to execute practical labs.
2	0	
3	1	
4	1	
5	3	Very good. Very little time waiting, more time learning.



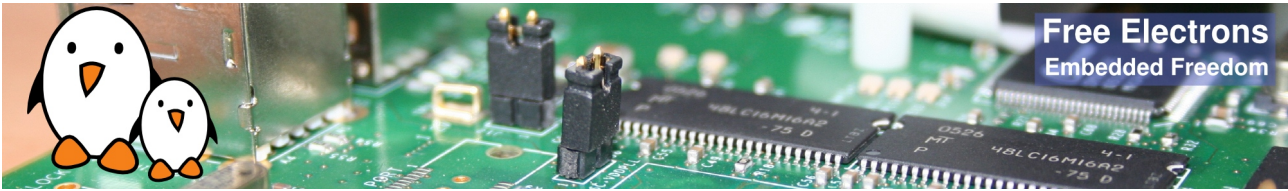
5 - Very good

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

Rating	Answers	Description
1	0	Not well
2	0	
3	0	
4	1	
5	4	Very well



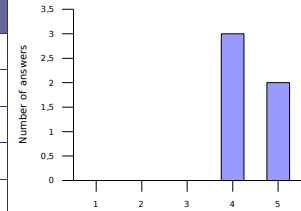
5 - Very good



## Overall rating

16. How much did you learn?

Rating	Answers	Description
1	0	Definitely not much
2	0	
3	0	
4	3	
5	2	Definitely more than I expected.

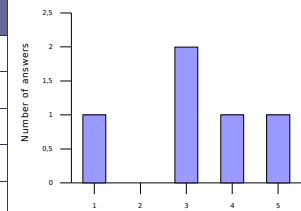


5 - Learned a lot

5 - I believe I have learned many things - not shown in labs unfortunately

17. How useful will this course be in your daily job?

Rating	Answers	Description
1	1	Not useful.
2	0	
3	2	
4	1	
5	1	Very useful. Will make my job easier and more productive.

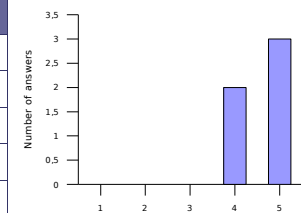


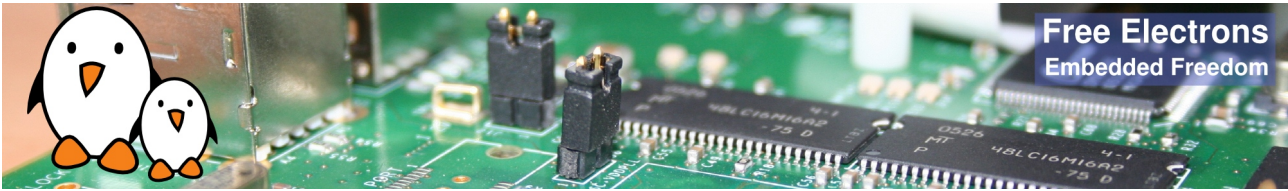
1 - I am waiting for an opportunity and I continue at home in the meantime.

3 - We shall see, possible opportunity for future if we can get head around some features.

18. Would you recommend this course to others?

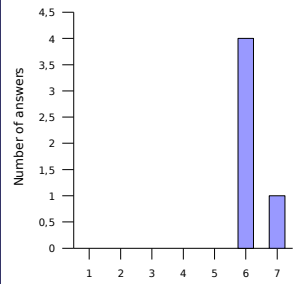
Rating	Answers	Description
1	0	No.
2	0	
3	0	
4	2	
5	3	Yes, definitely





### 19. Overall rating

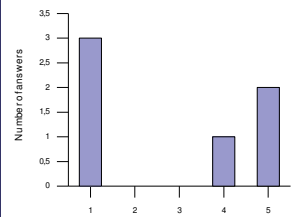
Rating	Answers	Description
1	0	Very disappointing
2	0	Disappointing
3	0	A little bit disappointing
4	0	OK
5	0	Pretty good
6	4	Very good
7	1	Excellent



6 - I must practice, practice, practice and practice more!

### 20. An extra session?

Rating	Answers	Description
1	3	No
2	0	
3	0	Why not?
4	1	
5	2	Yes, definitely



1 - As already done kernel drivers!

1 - But probably once I have had time for it all to "sink in"

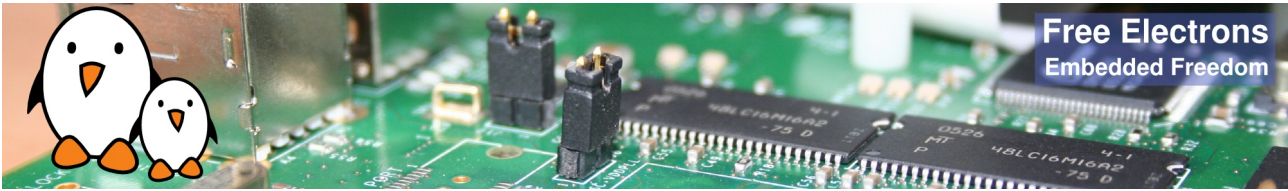
### Number of votes for topics in an extra session

Understanding the Linux kernel	Linux device driver development	Linux board support packages	Embedded system development	Miscellaneous needs
Process management	1 USB device drivers	Processor specific code	1 Lightweight tools	1 Java
Filesystem implementation	USB host drivers	Board specific code	Embedded system development tools	Real-time
Memory management	PCI drivers	Board specific interrupt support code	Cross-compiling toolchains	Audio
Scheduling implementation	Network drivers	DMA support	1 Debugging solutions	Video
Bootstrap code	Block drivers	Bootloader development	Software development tools	uClinux
	Flash drivers		Programming with graphical libraries	1 Voice over IP
	I2S drivers		POSIX API	
	Input drivers		System optimization	
	Sound drivers		Root filesystem creation	1
	Video drivers			

### Free Electrons comments

Thanks to the (sometimes oral) suggestions from the audience, we will improve future training sessions...

- By ..



## Life after training

After this training session, do not hesitate to get back to us! Here are things we could do to support you in your embedded Linux projects:

- More training: you may be interested in the other training sessions that we propose, either embedded Linux system development or Linux kernel and driver development, depending on the course you have already taken. See <http://free-electrons.com/training> for details.
- If some people in your organization missed the session, and you don't have enough requests to organize another session, they can choose to go to our public training sessions. See <http://free-electrons.com/training/sessions> for details.
- Linux kernel porting. Adding Linux support to your boards, or supporting you in doing this.
- Having your board support code merged in mainstream sources (Linux, U-boot), so that your sources are maintained by the community. This also means for customers that your boards will be supported for a long time.
- System development and integration. Creating demos and prototypes.
- System optimization: improving system performance and features (power consumption, speed, size...)
- Investigating and fixing nasty bugs that you don't have time to cope with by yourselves.

See <http://free-electrons.com/services> for details.