

Training evaluation report

Training session: Embedded Linux System Development Training
Training dates: Sep. 20-24, 2010 (5 days)
Country: Portugal

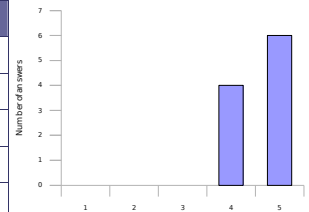
Number of participants: 10
Returned evaluation forms: 10

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

Learning objectives

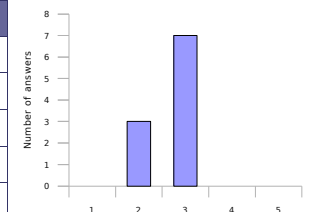
1. How well did the course meet your learning objectives?

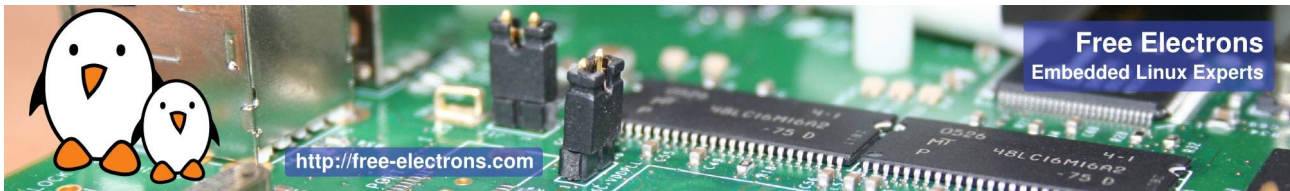
Rating	Answers	Description
1	0	Not met
2	0	
3	0	
4	4	
5	6	Fully met



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	3	A little too short
3	7	Just fine
4	0	A little too long
5	0	Definitely too long. The concepts could be learned in much less time.

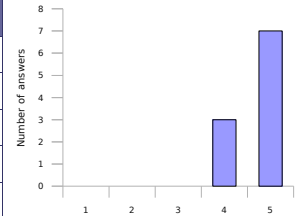




Lecture materials

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	7	Really made things easier to understand and learn.

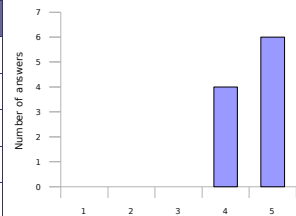


5 - The lab lecture materials were not appropriate because they were not too much detailed so that people need to look for the information in the slides.

Free Electrons note: this was done on purpose. In our labs, we mostly tell people what to do, but not how to do it when this has already been explained in the slides. This helps participants to find that they haven't remembered or understood well, and get back to the right slides if needed. This really helps to learn, as opposed to directive labs in which participants just execute commands without always understanding them.

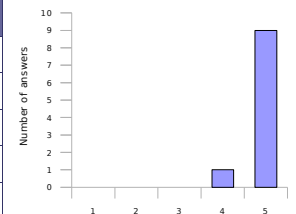
4. Will you recommend these materials to others?

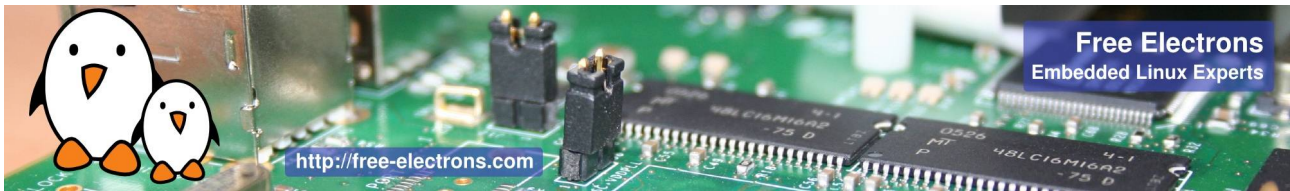
Rating	Answers	Description
1	0	No. Not helpful without following the sessions.
2	0	
3	0	
4	4	
5	6	Definitely



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	1	
5	9	Definitely

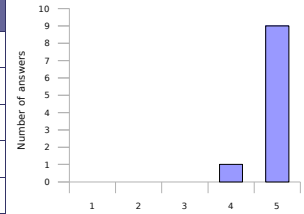




Instructor added value

6. How knowledgeable was the instructor?

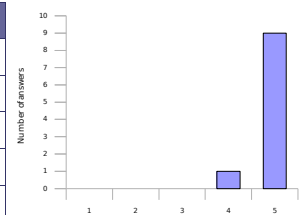
Rating	Answers	Description
1	0	Not enough for my own technical experience.
2	0	
3	0	
4	1	
5	9	More than enough for my own experience.



5 - Both the instructors were very experienced

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

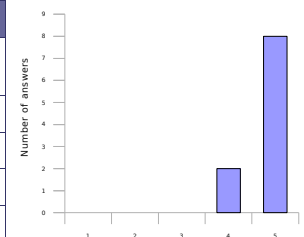
Rating	Answers	Description
1	0	No added value to reading the materials.
2	0	
3	0	
4	1	
5	9	Yes. The instructor really made very useful oral explanations.



5 - It is important to have a common language like English, and have experience talking it in order to discuss the subjects of the lectures.

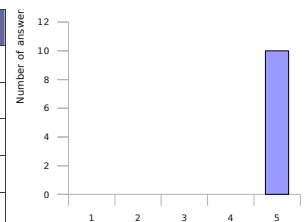
8. How well did the instructor answer questions from the audience?

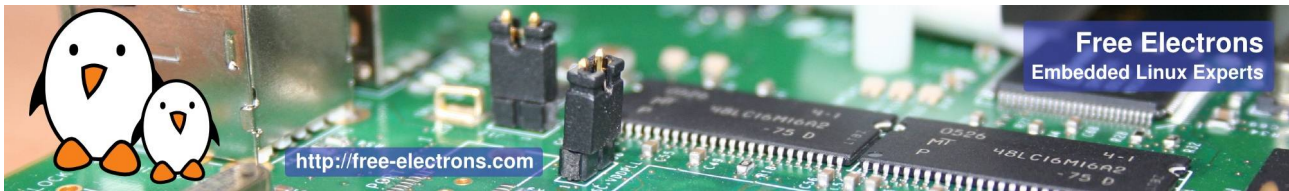
Rating	Answers	Description
1	0	Poorly. Didn't try to understand the questions well or rarely managed to find useful answers.
2	0	
3	0	
4	2	
5	8	Answered very well to questions from the audience



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	10	Yes. The instructor definitely helped to make labs a learning opportunity.

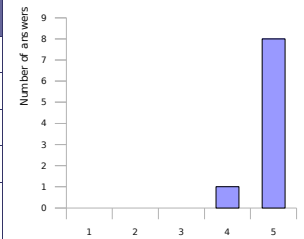




Training labs

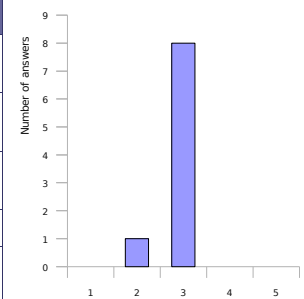
10. How useful were the training labs?

Rating	Answers	Description
1	0	Not useful. Didn't add significant value to the lectures.
2	0	
3	0	
4	1	
5	8	Very useful. Helped to highlight things not understood and build useful experience.



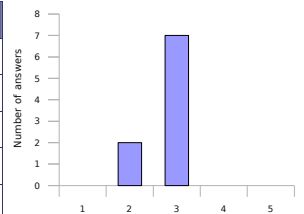
11. How difficult were the training labs?

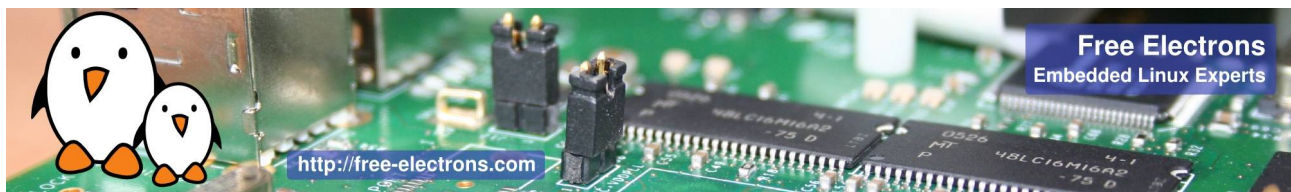
Rating	Answers	Description
1	0	Too difficult. Didn't help or even discouraged a beginner to get more familiar with the tools and concepts.
2	1	A bit too difficult. Would be better if the lab instructions gave a bit more details about explanations.
3	8	Just fine. Prompted me to look for answers, get my 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.



12. Was enough time dedicated to the practical labs?

Rating	Answers	Description
1	0	No. More practice is needed
2	2	A little bit more time would help.
3	7	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

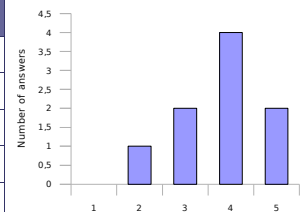




Training conditions

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

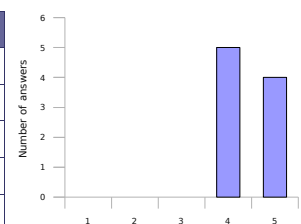
Rating	Answers	Description
1	0	Poor.
2	1	
3	2	
4	4	
5	2	Very good.



2 - We could have more space available

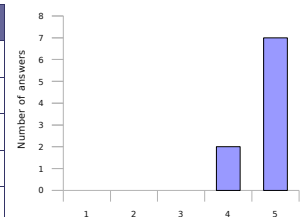
14. How do you rate the training equipment (mainly computers)?

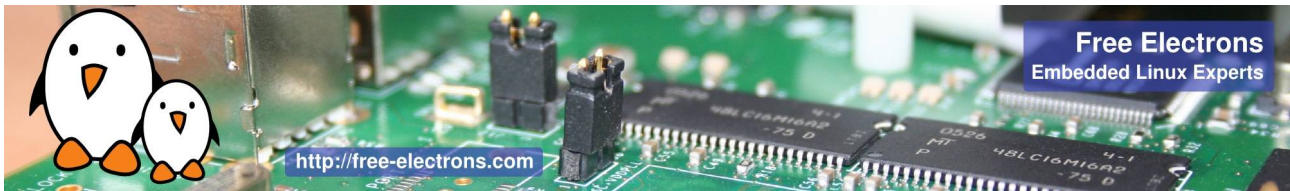
Rating	Answers	Description
1	0	Poor. Not powerful enough to execute practical labs.
2	0	
3	0	
4	5	
5	4	Very good. Very little time waiting, more time learning.



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

Rating	Answers	Description
1	0	Not well
2	0	
3	0	
4	2	
5	7	Very well

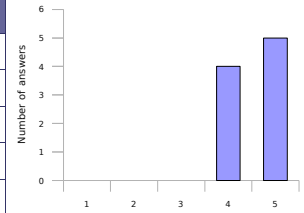




Overall rating

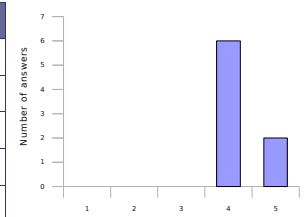
16. How much did you learn?

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



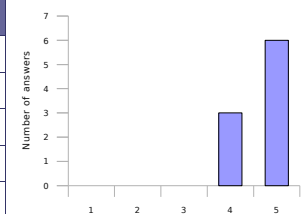
17. How useful will this course be in your daily job?

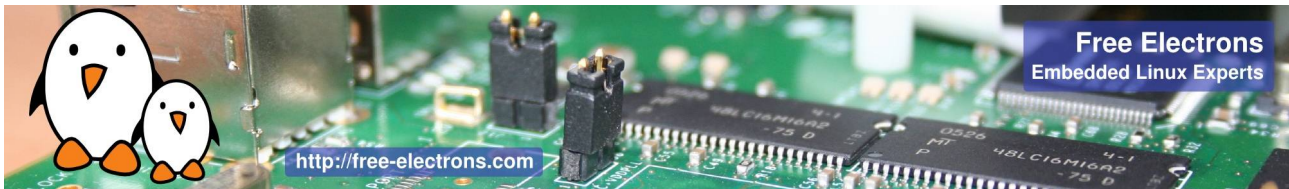
Rating	Answers	Description
1	0	Not useful.
2	0	
3	0	
4	6	
5	2	Very useful. Will make my job easier and more productive.



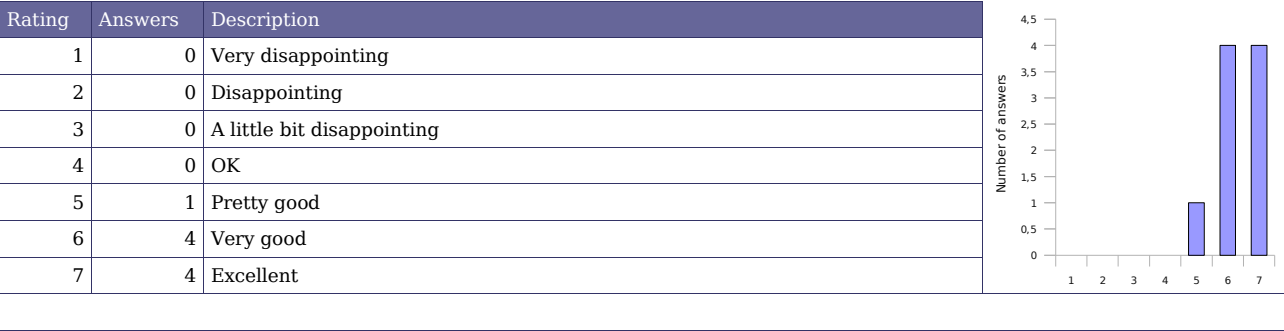
18. Would you recommend this course to others?

Rating	Answers	Description
1	0	No.
2	0	
3	0	
4	3	
5	6	Yes, definitely

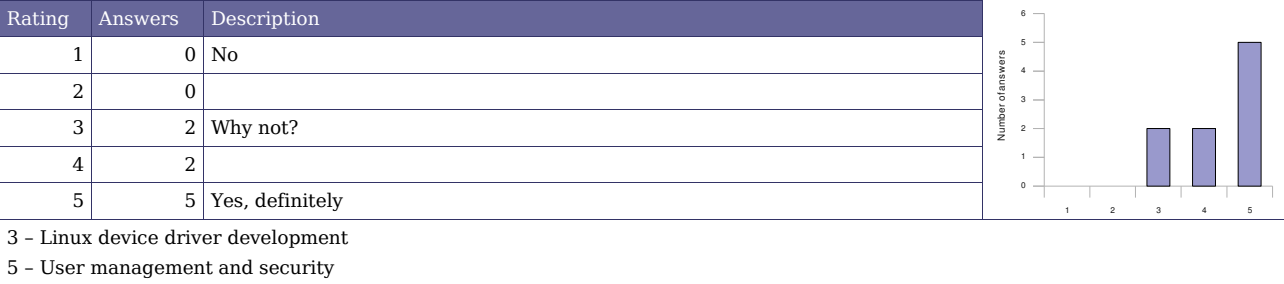




19. Overall rating

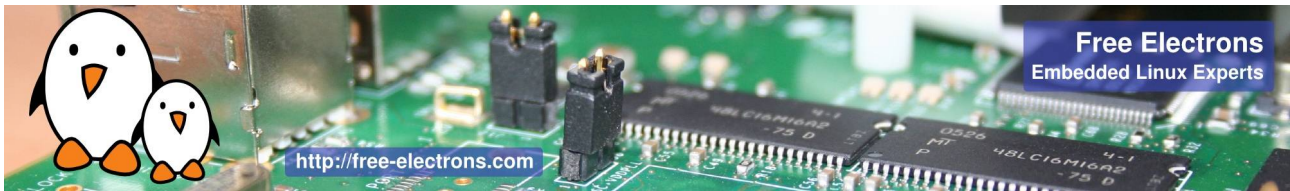


20. An extra session?



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	2 USB device drivers	4 Processor specific code	2 Lightweight tools	2 Java
Filesystem implementation	1 USB host drivers	4 Board specific code	2 Embedded system development tools	2 Real-time
Memory management	2 PCI drivers	2 Board specific interrupt support code	2 Cross-compiling toolchains	2 Audio
Scheduling implementation	2 Network drivers	1 DMA support	Debugging solutions	2 Video
Bootstrap code	Block drivers	3 Bootloader development	3 Software development tools	1 uClinux
	Flash drivers	3	Programming with graphical libraries	1 Voice over IP
	I2S drivers	1	POSIX API	2
	Input drivers	3	System optimization	3
	Sound drivers	3	Root filesystem creation	2
	Video drivers	6		



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.