

Training evaluation report

Training session: Embedded Linux Training
Training dates: Apr. 20-24, 2009 (5 days)
Country: Portugal

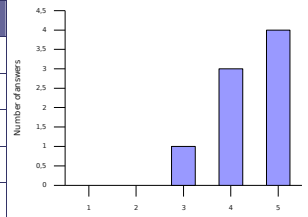
Number of participants: 8
Returned evaluation forms: 8

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

Learning objectives

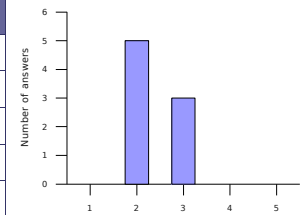
1. How well did the course meet your learning objectives?

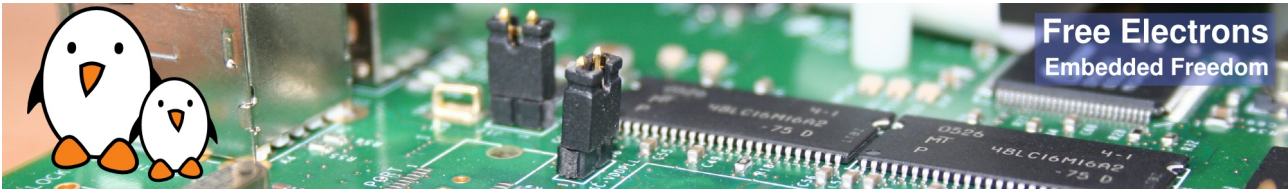
Rating	Answers	Description
1	0	Not met
2	0	
3	1	
4	3	
5	4	Fully met



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

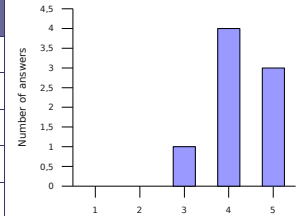




Lecture materials

3. How helpful were the lecture materials?

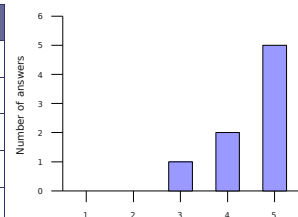
Rating	Answers	Description
1	0	Not helpful. Made things more difficult to learn and understand.
2	0	
3	1	
4	4	
5	3	Really made things easier to understand and learn.



3 - The materials are fine... with the professor near us. I am afraid of reading the slides 1 month later from now (I will be kind of lost).

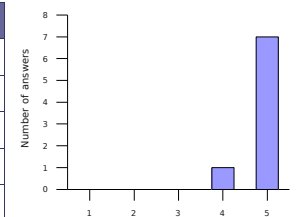
4. Will you recommend these materials to others?

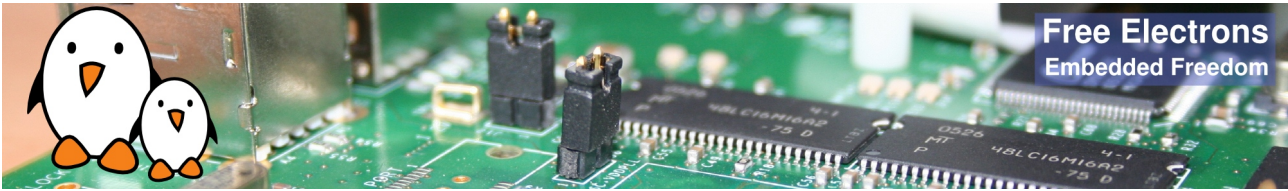
Rating	Answers	Description
1	0	No. Not helpful without following the sessions.
2	0	
3	1	
4	2	
5	5	Definitely



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	7	Definitely

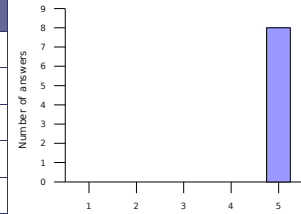




Instructor added value

6. How knowledgeable was the instructor?

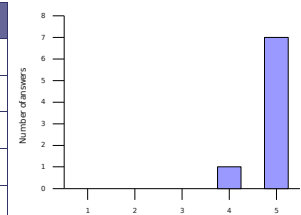
Rating	Answers	Description
1	0	Not enough for my own technical experience.
2	0	
3	0	
4	0	
5	8	More than enough for my own experience.



5 - Perfect professor. All subjects are perfectly covered. Even in unexpected situations.

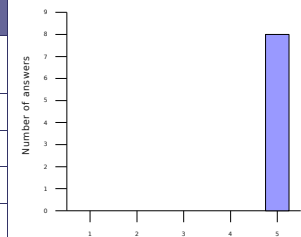
7. Did instructor oral explanations add value to the lecture materials?

Rating	Answers	Description
1	0	No added value to reading the materials.
2	0	
3	0	
4	1	
5	7	Yes. The instructor really made very useful oral explanations.



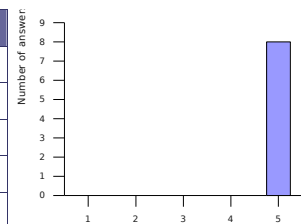
8. How well did the instructor answer questions from the audience?

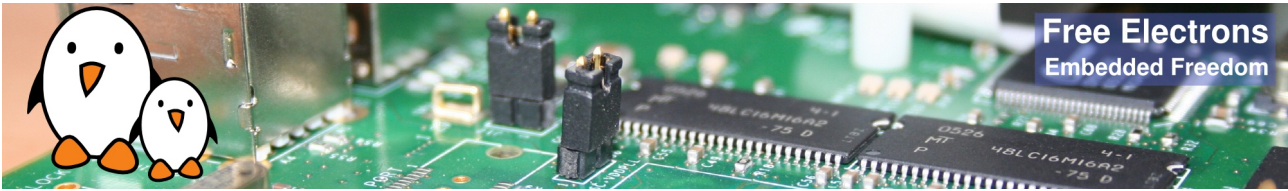
Rating	Answers	Description
1	0	Poorly. Didn't try to understand the questions well or rarely managed to find useful answers.
2	0	
3	0	
4	0	
5	8	Answered very well to questions from the audience



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

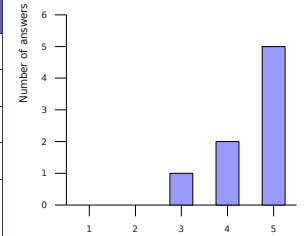




Training labs

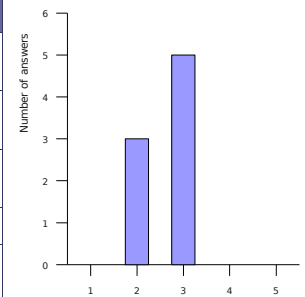
10. How useful were the training labs?

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



11. How difficult were the training labs?

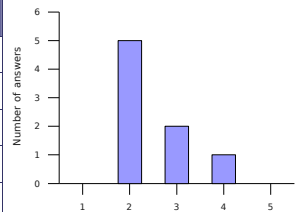
Rating	Answers	Description
1	0	Too difficult. Didn't help or even discouraged a beginner to get more familiar with the tools and concepts.
2	3	A bit too difficult. Would be better if the lab instructions gave a bit more details about explanations.
3	5	Just fine. Prompted me to look for answers, get my 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.



2 - For my level, labs should take longer and have more hints.

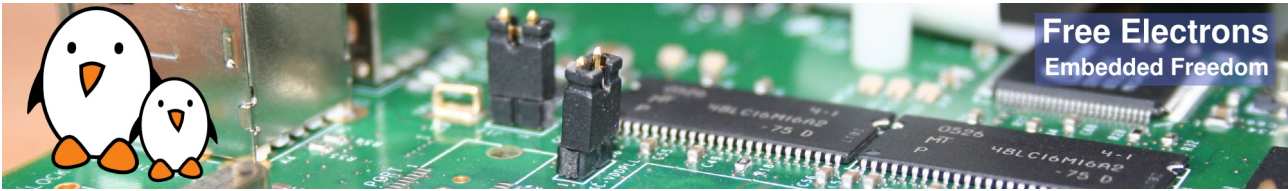
12. Was enough time dedicated to the practical labs?

Rating	Answers	Description
1	0	No. More practice is needed
2	5	A little bit more time would help.
3	2	Just fine
4	1	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 - This depends on the skills in using Linux shell and general Linux environment.

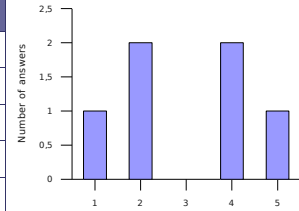
4 - In some labs maybe it could have less time. I'm saying this because I have some knowledge in some labs. But for some people it would be different.



Training conditions

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

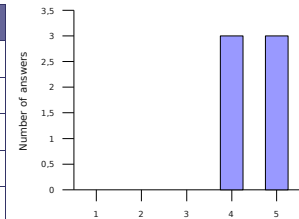
Rating	Answers	Description
1	1	Poor.
2	2	
3	0	
4	2	
5	1	Very good.



- 1 - Of course this is not the responsibility of course providers
- 2 - Room very small (our responsibility)
- 2 - It should have more space to work.

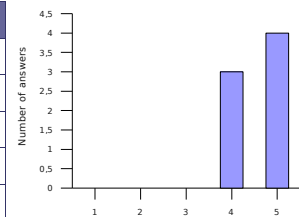
14. How do you rate the training equipment (mainly computers)?

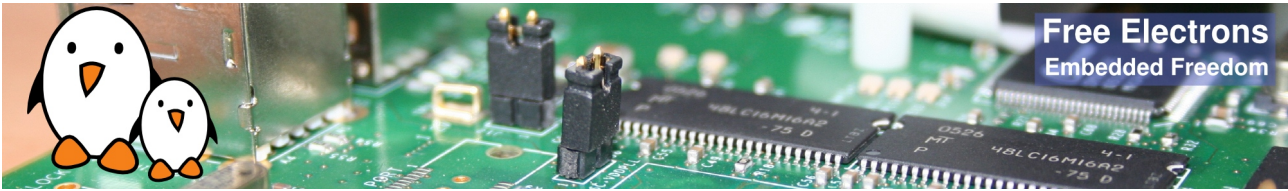
Rating	Answers	Description
1	0	Poor. Not powerful enough to execute practical labs.
2	0	
3	0	
4	3	
5	3	Very good. Very little time waiting, more time learning.



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

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

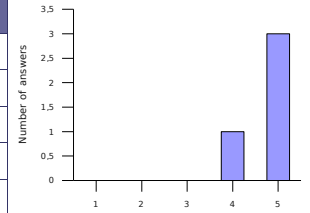




Overall rating

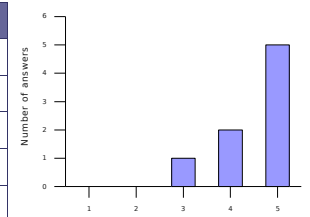
16. How much did you learn?

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



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

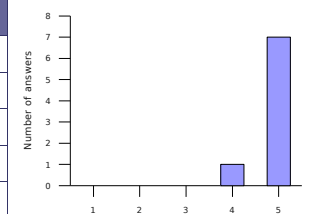
Rating	Answers	Description
1	0	Not useful.
2	0	
3	1	
4	2	
5	5	Very useful. Will make my job easier and more productive.



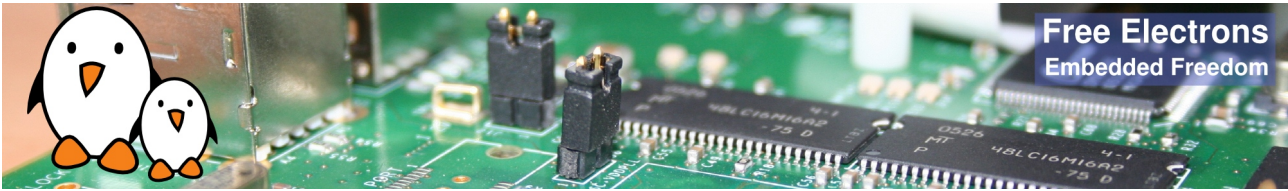
3 - For the moment I'm not using a Linux operating system, but in a near future I'm expecting to have a good use of this training.

18. Would you recommend this course to others?

Rating	Answers	Description
1	0	No.
2	0	
3	0	
4	1	
5	7	Yes, definitely

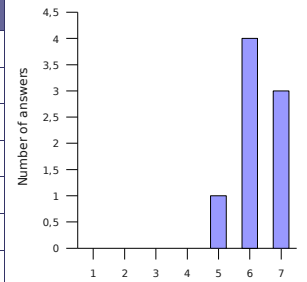


4 - For HW developers, of course



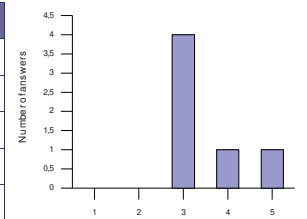
19. Overall rating

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



20. An extra session?

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



3 - It depends on my boss!

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

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: we can organize custom training sessions or workshops on specific topics. Examples: USB device drivers, developing multimedia systems, uClinux, BSP development...
- 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.