



Training evaluation report

Training session: Embedded Linux Training

Training dates: June 11-15, 2007 (5 days)

Number of participants: 18

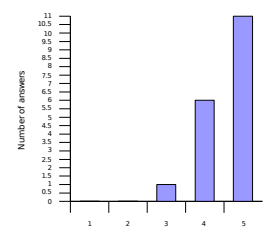
Returned feedback forms: 18/18
(1 form apparently lost during travel... sorry!)

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

Learning objectives

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

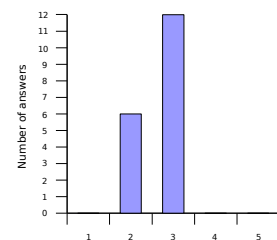
Rating	Answers	Description
1	0	Not met
2	0	
3	1	
4	6	
5	11	Fully met



5 - It was a very nice course. I had learned a lot of things that I didn't know.

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	6	A little too short
3	12	Just fine
4	0	A little too long
5	0	Definitely too long. The concepts could be learned in much less time.



2 - I think that the agenda was very long, because had themes that it will be necessary to expand.

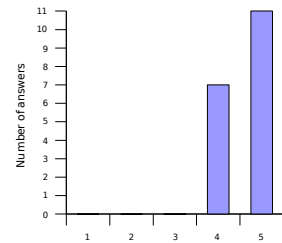
2 - Probably two weeks will be the perfect time slice to teach so much amount of information :)



Lecture materials

3. How helpful did you find the lecture materials?

Rating	Answers	Description
1	0	Not helpful. Made things more difficult to learn and understand.
2	0	
3	0	
4	7	
5	11	Really made things easier to understand and learn.



5 - I would like to have a more deep explanation in real-time Linux.

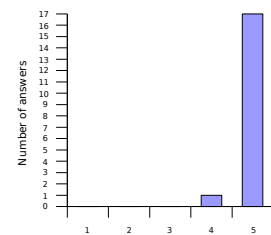
5 - Very well. The documents are very interesting.

5 - But I think that the examples should be explained in more extensive form (more literature).

5 - Very good week!!

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	1	
5	17	Definitely

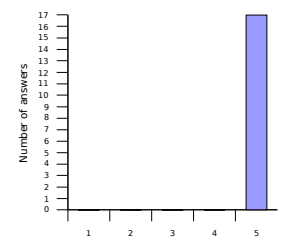


5 - Of course

5 - The materials have a lot of successful <unreadable word> (web work)

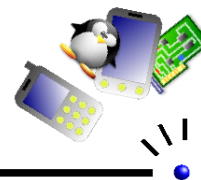
5. Will you use these materials again in the future, for command or resource references?

Rating	Answers	Description
1	0	No. I will look for other sources of information.
2	0	
3	0	
4	0	
5	17	Definitely



5 - Of course

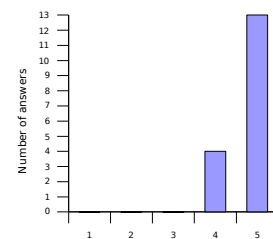
5 - Yes



Instructor added value

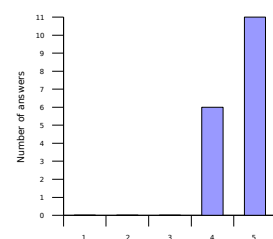
6. How knowledgeable was the instructor?

Rating	Answers	Description
1	0	Not enough for my own technical experience.
2	0	
3	0	
4	4	
5	13	More than enough for my own experience.



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	6	
5	11	Yes. The instructor really made very useful oral explanations.

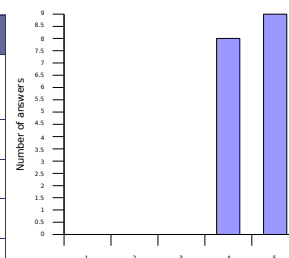


5 - Michael has been a very good instructor

5 - I had written a lot of notes on the lecture materials

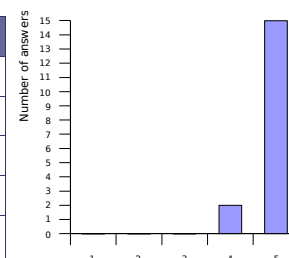
8. How well did the instructor answer questions from the audience?

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	8	
5	9	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	2	
5	15	Yes. The instructor definitely helped to make labs a learning opportunity.

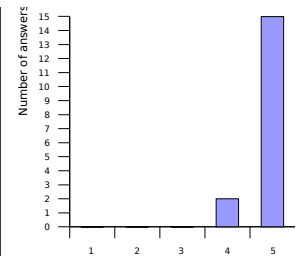




Training labs

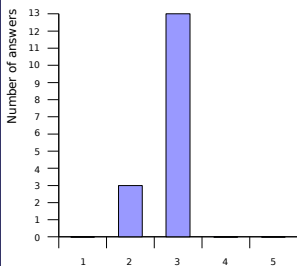
10. How useful did you find the training labs?

Rating	Answers	Description
1	0	Not useful. Didn't add significant value to the lectures.
2	0	
3	0	
4	2	
5	15	Very useful. Helped to highlight things not understood and build useful experience.



11. How difficult were the training labs?

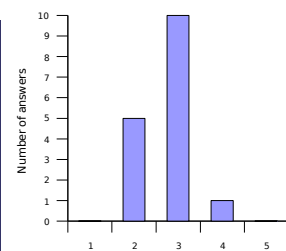
Rating	Answers	Description
1	0	Too difficult. Didn't help or even discouraged a beginner to get more familiar with the tools and concepts.
2	3	A bit too difficult. Would be better if the lab instructions gave a bit more details about explanations.
3	13	Just fine. Prompted me to look for answers, get 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.



N/A - According with the explanations

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	10	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



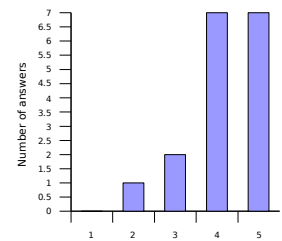
2 - More examples in the lectures would help



Training conditions

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

Rating	Answers	Description
1	0	Poor.
2	1	
3	2	
4	7	
5	7	Very good.



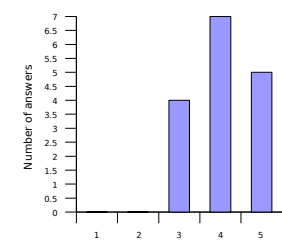
2 - No Internet access during 2 days

3 - Better would be a PC per person instead of 1 PC every 2 people

4 - Next time I hope the web doesn't fail :)

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	4	
4	7	
5	5	Very good. Very little time waiting, more time learning.



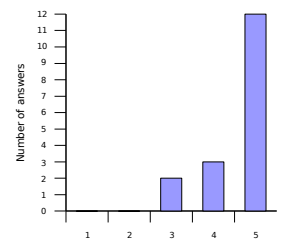
4 - I prefer my computer

5 - Better with one computer for everyone

N/A - I used my own computer

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

Rating	Answers	Description
1	0	Not well
2	0	
3	2	
4	3	
5	12	Very well



5 - Disorganization with the Internet connection

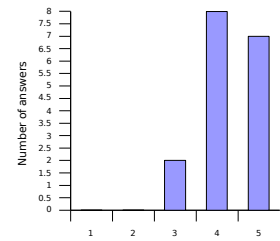
4 - Perhaps the starting time of the lectures should be announced in the schedule.



Overall rating

16. How much did you learn?

Rating	Answers	Description
1	0	Definitely not much
2	0	
3	2	
4	8	
5	7	Definitely more than I expected.



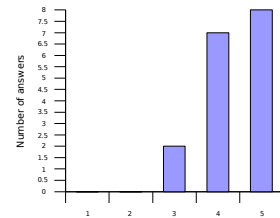
4 - This session helped me to understand certain things I was doing in the Linux project without really understanding.

3 - I have quite experience in embedded Linux

4 - I need to study some more

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

Rating	Answers	Description
1	0	Not useful.
2	0	
3	2	
4	7	
5	8	Very useful. Will make my job easier and more productive.

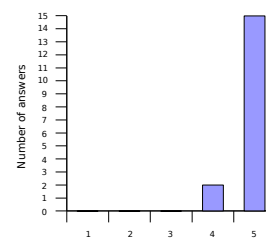


3 - I have quite experience in embedded Linux

5 - Very very useful

18. Would you recommend this course to others?

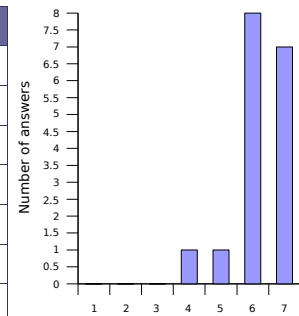
Rating	Answers	Description
1	0	No.
2	0	
3	0	
4	2	
5	15	Yes, definitely





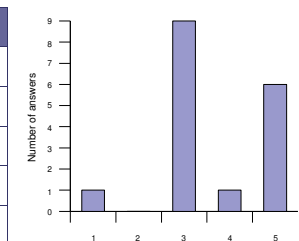
19. Overall rating

Rating	Answers	Description
1	0	Very disappointing
2	0	Disappointing
3	0	A little bit disappointing
4	1	OK
5	1	Pretty good
6	8	Very good
7	7	Excellent



20. An extra session?

Rating	Answers	Description
1	1	No
2	0	
3	9	Why not?
4	1	
5	6	Yes, definitely



1 - For the moment

5 - Multimedia applications, audio, video, etc...

3 - Graphical applications OPIE, QTOPIA etc for embedded

3 - Linux device driver development, uClinux

5 - Yes. Would be interested in 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	3 Processor specific code	2 Lightweight tools	1 Java
Filesystem implementation	2 USB host drivers	2 Board specific code	Embedded system development tools	2 Real-time
Memory management	2 PCI drivers	4 Board specific interrupt support code	Cross-compiling toolchains	1 Audio
Scheduling implementation	2 Network drivers	5 DMA support	2 Debugging solutions	1 Video
Bootstrap code	2 Block drivers	3 Bootloader development	3 Software development tools	1 ucLinux
	Flash drivers	4	Programming with graphical libraries	2 Voice over IP
	I2S drivers	2	POSIX API	1
	Input drivers	1	System optimization	2
	Sound drivers	1	Root filesystem creation	2
	Video drivers	2		

Instructor comments

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

- By giving more examples in the lectures