

Report on Session 3

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(with Jacob Abraham and Jiri Gaisler)**

I posed two main questions:

- Q1: Have I gained new insights regarding dependability issues of open source hardware and software?
- A1: Yes, just found everything was new and interesting, and the Session 3 presentations were excellent
- Q2: Do I see significant advantages and or disadvantages of Open Source vs. COTS?
- A2: Yes, it is an advantage to be able to delete unnecessary functionality and to add fault tolerance functions to a design

However, since these answers are rather short, I have asked both speakers, Jacob and Jiri, and the participants as well, to add their answers, which are found hereafter

Some answers

➤ Question 1

- ✓ So far, open source has little awareness wrt hardware issues. This should be further worked out
- ✓ Open source has already a significant impact for development tools (both for hardware and software)
- ✓ Open source movement sets a new standard in cooperative work. But, licensing issues are to be worked out for a better match with companies concerns
- ✓ What about, open repositories for failure data and data issued from controlled experiments

➤ Question 2

- ✓ Open source should allow for a better balance between increased quality and added functionality
- ✓ Open source is a key factor for small companies
- ✓ Open source is a facilitator with respect to Education
- ✓ Access to the source code allows for classical software engineering methods and tools to be readily applied
- ✓ Access to the source code is often required by certification processes
- ✓ Opposite arguments can put out concerning security aspects
-> further investigations needed