

Minutes from team meeting held on 8/13/2012:

Team meeting 8/13

- We need to plan for our next presentation (end of term presentation).
- We also need to rehearse the presentation.
- Our final presentation needs to be geared toward a more general audience than the midterm presentation was.
- Bart wants to see our V+V plans.
- Following through on V+V plan falls to John.
- Devin will take time off of work next week to ensure that the project is wrapping up smoothly.
- Work still to be completed:
 - Fix the current multi-device bug.
 - Add the search feature to the userspace tool.
- John may have fixed the pahole bug.
- We have one week to squash the multi-device bug and add the search feature.
- Kyle: we need to add a switch to the userspace tool for determining the endian byte order of the hex output.
- To be completed in one week:
 - Search feature
 - Multi-device bug fix
- We will be splitting up into groups of three to tackle all remaining work:
 - Devin, Kyle, and Jacob will work on the driver-side code.
 - John, David, and Katya will work on the user-side code.

User-side meeting 8/13

- Main points:
 - Testing
 - Search feature
- Testing:
 - John spent the past week trying to modularize the userspace.py script.
 - userspace.py needs to be rewritten.
 - We need to test that the information in the blob file is being output correctly by the userspace script.
- Quick summary - To-Do's:
 - Modularize userspace script.
 - Produce a blob file that we can test our code with.

- Test individual functions/modules inside the userspace script.
 - Test the output of the script given specific test blobs.
- Katya will try tonight and tomorrow to finish modularizing userspace.py.
- John will push his work from the past week.
- Search:
 - This feature will be very simple to implement in python.
 - The “argparse” module will make a command-line option search simple to add.
 - We should start with accepting basic character strings for the search.
 - We may add regular expression searching to the search function if possible.
 - Our search feature will search for text in the output of pahole.py.
- Final user-side plan before going home:
 - Katya will modularize userspace.py
 - John will export a blob and insert test material.
 - John will focus on implementing testing for userspace.py
 - David will work on the search feature.