OS Status Meeting Minutes

January 14, 2008

Steve Bergwerff

- Important Trinity 2 dates to be aware of:
    - M4 test review later today
    - M5 build is tomorrow

Brian Stecher

- Provided first part of kernel talk for support team training.
- Had been going through code inspections for locking done on Memory Partitioning. More left to do.
- Resolved Trinity2 PR 54546. One of the test machines would only let you login as root.
- Working on Trinity2 PR 54559 SMP mapping issue as top priority. All other activities are on hold.

Mike Kisel

- Have been working on two Trinity 2 test stopper PRs that have been there for last 2 milestone builds but can't reproduce the issue. Working with build team to understand why this is the case.
- Renamed APS utility to AP.
- Have two outstanding code inspections out for review on Memory Partitioning.
- Waiting on review from Brian and Attilla on potential locking issues with Memory Partiioning.
- Working on PR 43611 for Memory Partitioning.
- Generally working on solidifying Memory Partitioning for Trinity2 and seeing what can be put in for tomorrow's build.

Attilla Danko

- Had a meeting on adaptive partitioning with a large customer.
- Helping out on Memory Partitioning with code reviews and solutions for SMP mutual exclusion.
- Working on Trinity 2 PR 52847 for issues with one of the ppc boards.
- Responding to questions regarding process certifications.
- Had a meeting on better integration of static analysis tools into the development infrastructure.

Colin Burgess

- Fixed Trinity 2 PR 54563. Customer reported issue with devctl call on SMP.
- Working on tiger team for getting a full head branch using the gcc 4.2.1 compiler.
- Working on merge of Trinity2 branches needed for a customer to continue testing. Need to meet with customer ot understand some of their proposed changes.
- Working on a optimization in Trinity2 that was initially implemented as a temporary workaround but now require a full solution.
- Involved in compiler discussions with a customer on gcc 4.2.1.

Scott Miller

- Focusing on analysis of Trinity2 benchmark results. Tried running the benchmarks on a laptop. Seeing only improvments in the numbers. Will verify that the same compiler version is being used for the comparisons.
- Looking at Trinity2 PR 54433 for a test stopper issue with pathname corruption.

- Attended Brian's kernel training seesion.

Doug Bailey

- Working on Trinity2 PR 53696 and PR 52939 to fix two test case failures. Difficult to reproduce.
- Fixed PR 53959 and a PSP was created and tested.
- Working on some experimental code for SH SMP
- Planning to have Trinity2 PR 52925 fix in for this weeks milestone build.

Shiv Nagarajan

- Working on three customer reported issues for Trinity 2.
  - PR 53749 for a select() issue with telnet. Seem to have discovered the problem Tested it and waiting on a code review.
  - PR 53750 for a reported crash triggered by a qnet test. Still unable to reproduce it.
  - PR 54903 for a reported crash crash seen under low memory conditions.

David Joo

- Not in attendance today.

Peter Mitsis

- Working on Tirnity 2 PR 54456 for a problem mounting a flash device. Problem appears to be a loop in a link list in procmgr.

Angelina Gomes

- Was on vacation last week
- Currently working on OS and IDE documentation.
- Received email from Mike with additional details on AP utility.