Student Project Selection

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January 23, 2014

Student Presentations

Assignment

1. Retrieve the source code and determine the testing process in place.
2. If one does not exist determine what tools you wish to implement.
3. Required Tools:
   1. Build system: ex: make, maven, groovy
   2. Unit tests: ex: JUnit, CUnit, etc...
   3. Code and Branch Coverage: ex: Coburtera
   4. Static Code Analyzer: ex: Sonar
   5. Automated Testing: Usually scripts, sometimes they will use a tool like Jenkins
4. Run each of these tools yourself and generate a reports from 3-2, 3-3, 3-4 (Note that 3-2 and 3-3 may be combined like in the case of Coburtera).
5. Write a paper describing the build system and automated testing (one page is fine, but do go into some depth).

Due in the dropbox February 6, 2014 2359
Deliverables: Write-up of 3-1/3-5 and report from 3-2, 3-3, and
3-4.
Start immediately! Some of these steps may rely on people
who are working a project for fun!