

Software Engineering Homework #9 – due April 17, 2008

Instructions

The following is a testing report template. Each team must send a copy of this completed document to barrett@cs.nyu.edu by midnight on the due date. The subject line of the email message must contain only the word “hw9”.

Your Project Name
Testing Report

Date

Version *major.minor*

1 Unit Testing

Describe your strategy for unit testing. Was it successful? What problems did you discover?

2 Integration Testing

What was your approach to integration testing? What problems did you discover? Did you uncover ambiguities in the specification or design? Did you discover problems that could have been caught by better unit testing?

3 System Testing

What was your approach to system testing? What problems did you discover? Did you discover problems that could have been caught by better unit or integration testing?

4 Valgrind

Come up with a strategy for using valgrind to test for memory problems. Describe your strategy. Describe the results. What kinds of problems did you discover?

5 Coverage

Come up with a strategy for using gcov to check how well your tests cover the functionality of the program. Describe your strategy. Describe the results. Did you discover significant functionality of the program that was left uncovered?