

CS 576 Dependable Software Systems

JUnit Testing Assignment 3

Please submit a **PDF** file via email. The file should be in the form **id_JUnit3.pdf** (in my case it would be **jhk39_JUnit3.pdf**). You should send the email to jayk@drexel.edu with the subject **CS576 JUnit3 id** (again, in my case the subject would be **CS576 JUnit3 jhk39**). If you have any questions, let me know and I will get back to you as soon as possible.

Due: Sept 2nd, 2006

The objective of this assignment is for you to put together what you have learned so far about unit testing, and coverage testing. You will have till the **last day of classes** to finish the assignment. I would like for you to take a JAVA assignment that you have written previously and develop a test suite for it. If you don't have a JAVA application that you have previously written, contact me as soon as possible.

I realize that this is a difficult assignment. Turn in a listing of your newly created test cases, evidence that test suite is good (i.e. show the coverage), and a description of how you went about creating new test cases, and why you created the test cases you did.

You can also demonstrate that the code you have (the application) by running other software metric tools on it as we did in the first assignment.

Good Luck!

Resources

The following website provides an excellent resource for learning how to develop test case for JUnit:

- JUnit Primer: <http://clarkware.com/articles/JUnitPrimer.html>
- If you use eclipse: <http://open.ncsu.edu/se/tutorials/junit/>