How to Run Unit and Integration Tests

Prerequisites:
1. Clone Team-Teamwork-CSStructural
2. Import net.sf.eclipsecs.sample from Team-Teamwork-CSStructual in Eclipse (see software documentation on how to)
3. Add JUnit 4 to the projects build path.
   a. Right click net.sf.eclipsecs.sample -> Build Path -> Configure Build Path
   b. Click on Libraries Tab
   c. Click on Add Library -> JUnit -> Next -> JUnit 4 -> Finish

Unit Tests:
1. In Eclipse, click on the src directory
2. Right click net.sf.eclipsecs.sample.checks -> Run As -> JUnit Test
3. Make sure the Window -> Show View -> JUnit is enabled

Integration Tests:
NOTE: To run the integration tests, you have to do it manually, adding in one component at a time, so bear with it.
1. Must have access to terminal (Mac OSX or Linux system)
2. Enter this command to get into the right directory
   cd <path>/Team-Teamwork-CSStructural/net.sf.eclipsecs.sample
   Where <path> is the directory you cloned the repo
3. Once inside, open up "sample_checks.xml" with a text editor
4. In the xml comment all modules out everything but the one:

   `<module name="net.sf.eclipsecs.sample.checks.HalsteadChecksIntegration">`

   `</module>`

   a. Save and exit the XML file
5. Now enter the command:
   bash integration.sh
   a. This will display the results of stubbed call graph for the Halstead Checks Class
6. Reopen the XML file and comment over every module again besides:

   `<module name="net.sf.eclipsecs.sample.checks.HalsteadChecks">`

   `</module>`

7. Renter the command from Step 5.
   a. This will display the actual Halstead Check results on the example.java file without any stubbed methods.
8. Repeat step 3 – 7 with the SuperCheck and MaintainabilityIndexCheck classes by commenting and uncommenting their modules in the "sample_checks.xml" file