Deliverable #1

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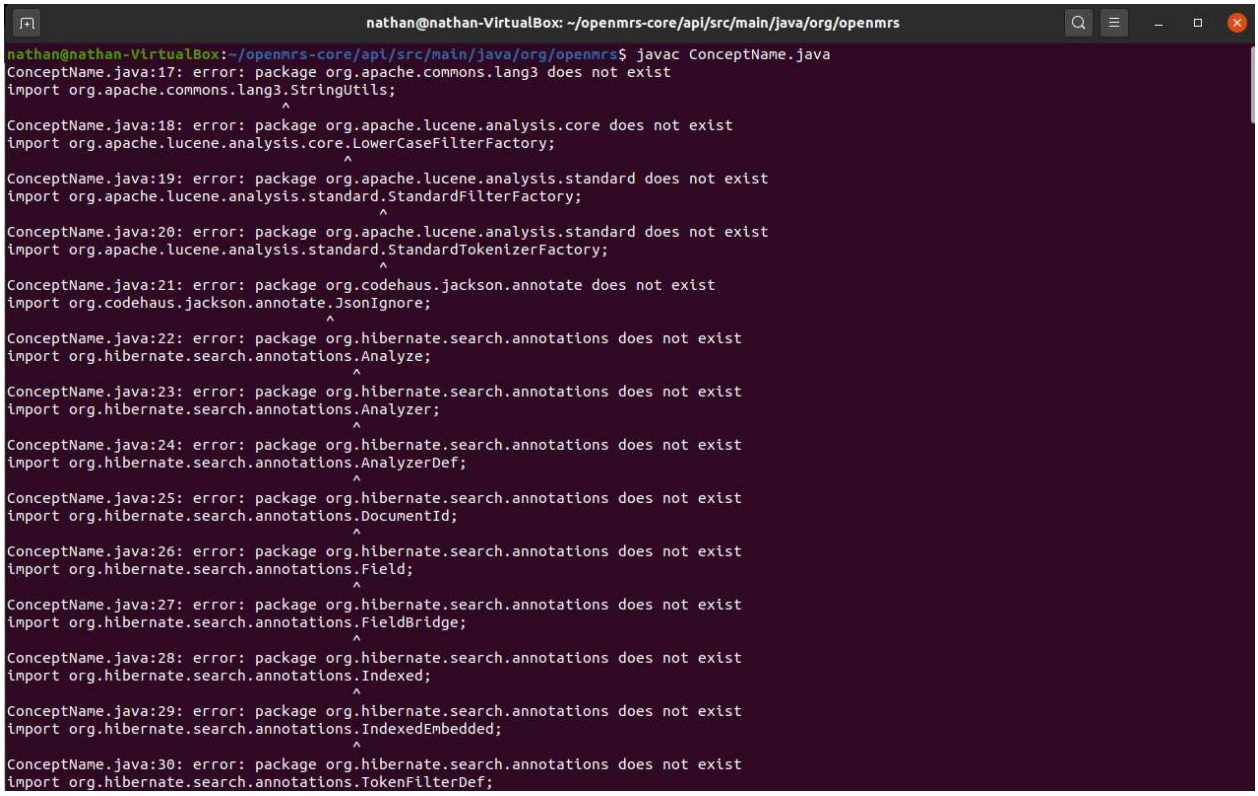
Tanaguru Contrast Finder vs OpenMRS:

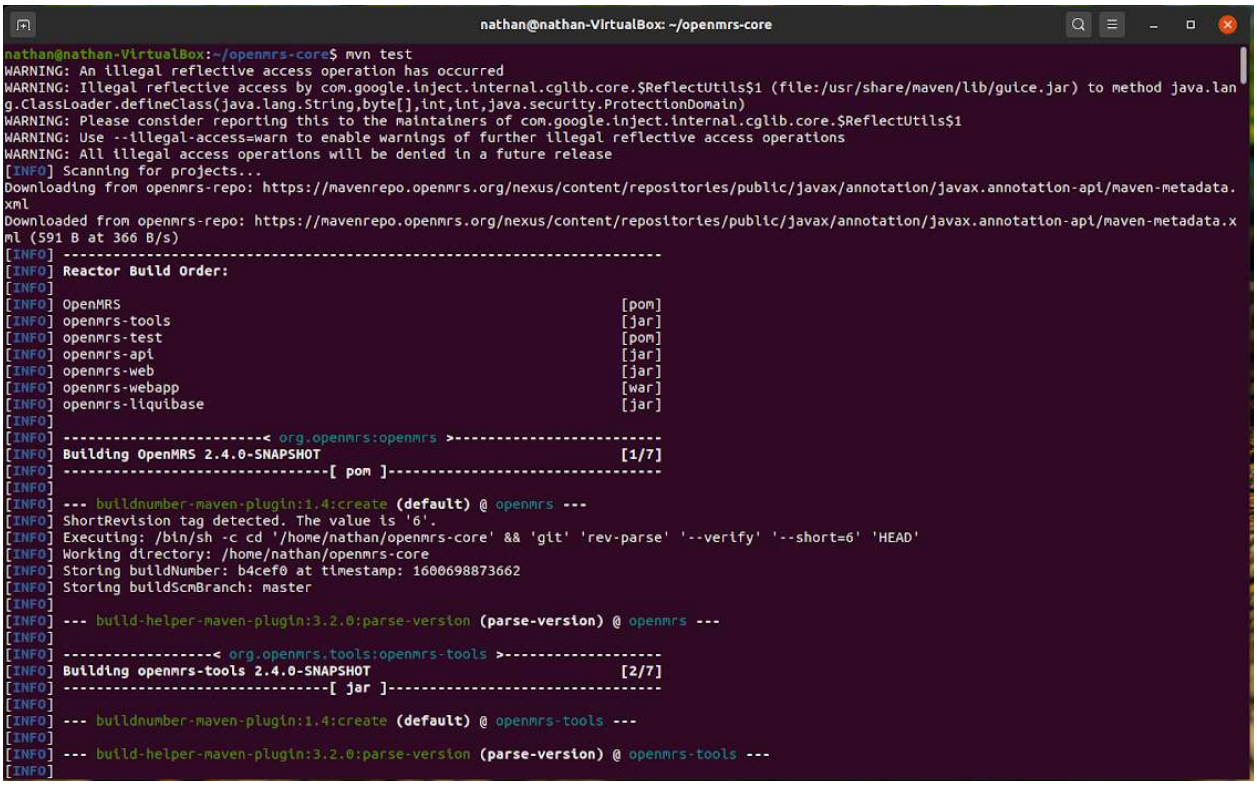
After hopefully finally understanding just exactly what we are expected to do with our choice of open source project for this class, we are considering switching what project we are going to test. While digging through the files of OpenMRS looking for java files that we could compile and test we came into quite a few issues. The main issue being that we seemingly cannot compile individual files. When typing “javac FileName.java” into terminal the output nearly always looks like this



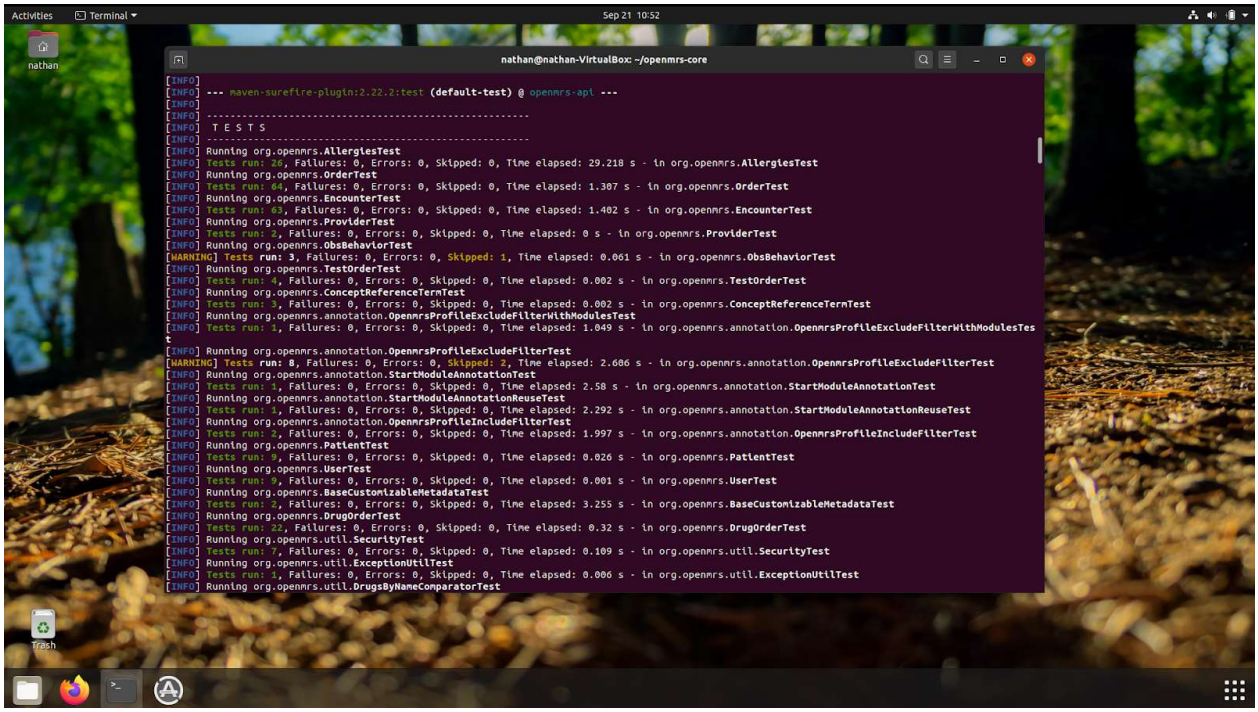
When we ran into this we decided to take a step back at our original choice of project: Tanaguru Contrast Finder. Our reason for not selecting the contrast finder originally was because we were having trouble deploying it with Tomcat. Compiling it was very easy. Compiling and running individual java classes also works fine and running them is very simple. If this is what we are to create test cases for and automate for the next deliverables. Unless there is something we are not understanding, it is likely best that we switch our choice of project to the Tanaguru Contrast finder.

Testing OpenMRS: Here are some screenshots of us running the maven test command in openMRS. The same can easily be done with the Contrast Finder

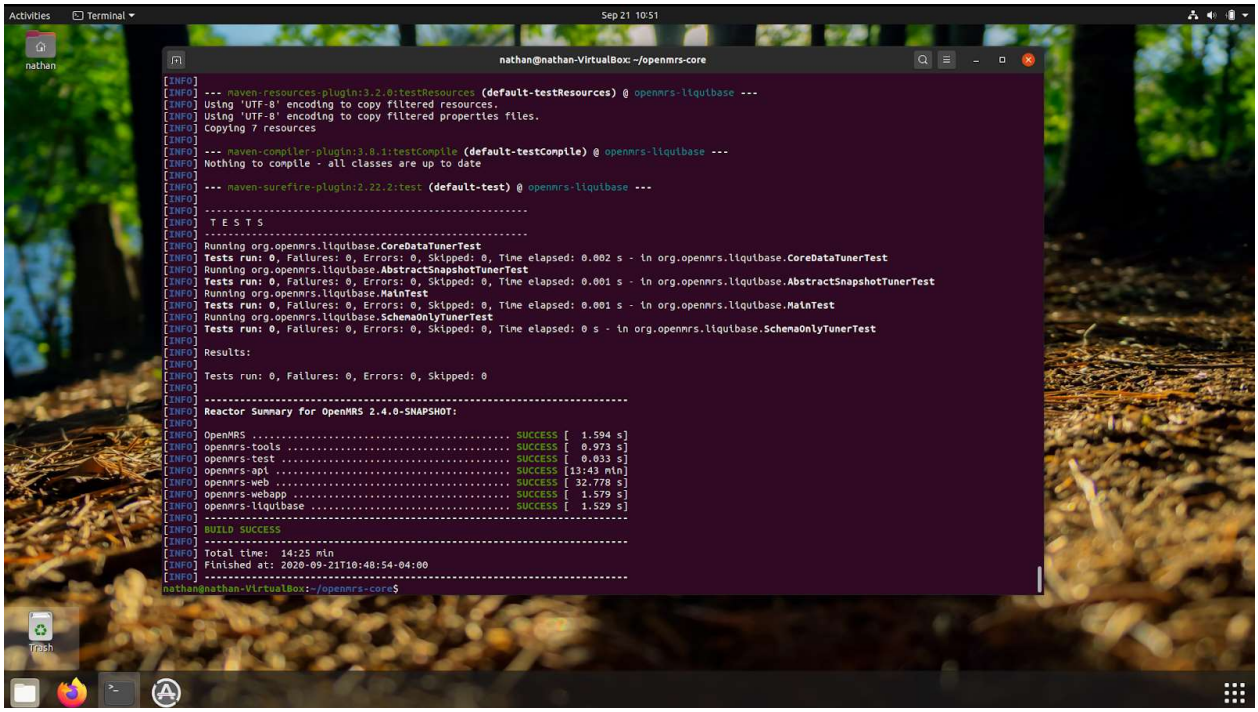
Starting the testing process:



Example of an individual test running:



End of testing output:



Gained Experiences:

- Understanding Virtual Box software for virtual machines
    - allocating enough resources to the virtual machine
    - learning linux
- Working as a team
    - coordinating time to work together
    - splitting up work between members
- Installing and building packages from the terminal
    - compiling and running files through terminal to
- Building and compiling the open source project (OpenMRS)
- Running test cases
- Using Github Wiki
- Reinforcing git and github use

Project Update: With the help of Dr. Bowring, we will decide between OpenMRS and Tanaguru Contrast Finder at the conclusion of this deliverable. If we choose to move one with OpenMRS we must find a way to compile the java files successfully and create a driver for it. If we choose Tanaguru then we will be one step ahead and already have the code compiled. We would just need to create the driver to test the code.