Read the Background below. Then start on the www.Protractor.org page. Look around at all of it. Then, do the tutorial at <https://www.protractortest.org/#/tutorial>. We should discuss the tutorial when done.

Java Resource download page:

<http://www.oracle.com/technetwork/java/javase/downloads/index.html>

Will require you to navigate to

<http://www.oracle.com/technetwork/java/javase/downloads/jdk8-downloads-2133151.html>

So, just go there in the first place. Get the Java SE Dev Kit 8u121 for whatever platform you’re on.

A key resource for next week:

<http://www.protractortest.org/#/api?view=ElementArrayFinder>

A key resource for next week and the future:

<https://jasmine.github.io/2.0/introduction.html>

Other Tutorials: Look them over. Possibly work them

<http://blog.scottlogic.com/2015/11/06/ProtractorForBeginnersPart1.html>

<http://testdetective.com/protractor-tutorial-example-project-setup/>

Maybe try: I may try this on myself. Looks fun

<https://semaphoreci.com/community/tutorials/getting-started-with-node-js-and-jasmine>

Background:

You will install some software for your mac or PC. All software Is OPEN SOURCE. There is no cost for any of it. Your resume identifies familiarity with Eclipse. I would stick with that for now. But just use it as your editor and viewer. I haven’t figured how to configure it for the additional features available like IntelliJ or other products.

If you don’t want to use Eclipse, that is ok as well. Do what you feel most comfortable with. I’ll discuss using eclipse with you in the future.

I am discussing these instructions from the PC standpoint, but I’ve done it on Mac as well.

Details in the Protractor tutorial cover some of the following, but Its nice to know on the outset what you might need before you start. You will install Node.js on your machine. From then on you will use the npm tool ( Node Package Manager ) for nearly all the other installation parts. Addional parts will all be node modules.

The Tutorials all give fairly clear example of command line entries and an explanation of what or why. The version of node I’ve got on my PC is 6.9.4 . it looks like there is a stable 6.10.0 ver available. I would go with that one. Let’s stay away from the 7.7.2 latest ver.

Java SDK: You will need the most recent JDK from Oracle. Not just the Runtime Env. But the Entire Java SDK

Note: just background: Delta is not currently developing Angular Web apps. Our webpage is not based upon Angular. If that is not absolutely clear to you what that means, don’t worry about it. You’ll catch up .

Some of the tutorials ( specifically the Juliemar.calculator ) are an angular app But the difference between angular and non-angular w.r.t Javascript/protractor is almost negligent.

Gain access to the Delta Dental Repositories, specifically GitHub: DEVPROJECTS/dd-cx-test

Look around. Don’t commit or change ANYTHING! That will happen soon enough.

Once you and I are familiar and feel like we aren’t having any problems with executing, modifying and re\_executing the modifications and understanding the differences, we will start working on some of the early code I wrote