Bubble Trouble Configuration Tutorial
Last updated: 30/10/15, Group: 1

Preparations

Before starting, please make sure you have done the following, and drank coffee
- Installed Eclipse and Maven on your system (this tutorial uses Eclipse Luna, sorry IntelliJ users)
- Installed the Java SE Development Kit **1.8** minimum (yes, we've upgraded our requirements)
- Grabbed the latest version of Bubble Trouble from our Github repository
- Set resolution to a **min**. of **1600x1000**. Bubble Trouble DOES NOT support scaling right now.

Importing into eclipse

1. Go to File > Import > Maven > Existing Maven Project
2. Navigate to and import the project folder 'Bubble Trouble' (or similar)
3. Wait for Eclipse to finish importing everything. Ignore any Maven Plugin Connector warnings.
4. Ignore any Maven Plugin Connector warnings for now

Dependencies

Now that you've imported the project, time to setup the dependencies. We don't include these - and they don't work out of the box - because they are OS-dependent. So, different settings for Linux, OSX, and Windows.

1. Go to Project > Properties > Java Build Path > Libraries
2. If you don't see Slick2D down here, press 'Add Library > User Library'
3. If you see Slick2D, add it and go to step 5.
4. If you don't see Slick2D:
    1. Click 'User Libraries > New', and name the new Library 'Slick2D'
    2. Click 'Add Jars'
        1. Add lwjgl/jar/lwgjl.jar
        2. Add libraries/slick.jar, lwjgl_util.jar, jinput.jar, jogg-0.0.7.jar, jorbis-0.0.15 - **DO NOT add lwjgl.jar** from here
    3. Click 'OK, select Slick2D in user libraries, and click 'Finish''
5. Expand 'Slick2D > Native library location (none)'.
    1. Click Edit > Workspace
    2. Select lwjgl/native/ - OS of your choice.
    3. Click 'OK'
6. Click 'OK"

Depending on your system, the game may or may not run at this point. The main class is called 'GUI/MainGame.java'. You should attempt to run it. If you get more than 4 errors and cannot successfully run, continue.

Maven

If it still does not work, do the following:

1. Open a command prompt / terminal with Maven
2. Navigate to the project folder of 'Bubble Trouble'
3. Run 'mvn install', wait for it to finish
4. Run 'mvn site -X', wait for it to finish
5. Open eclipse again. You should have no more than 4 errors now, and the project should run.