

Notes on Java, Eclipse, TortoiseSVN, Linux

Graham Jones

2011-09-19

1 TortoiseSVN

1. Before trying to commit BEAST code, relocate to `vberb+https://+` not `https://`
2. Google hides my password under Committers - graham853 - Settings, or some such.

2 Java and Eclipse

1. Maths library commons-math-2.2.jar (or similar) not found. Version keeps updating. Select beast16, go to Project - Properties - Java Build path - Add jars.
2. assertions are off by default, even in debug mode. Go to Project - Properties - Run/Debug settings.

Then select BeastMain. Click Edit..., go to Arguments. Then type “-enableassertions” in VM arguments.

Repeat for AlloppNetworkModelTEST and other tests instead of BeastMain

3. I get build errors relating to launch4j and jarbundler. I think these are for making executables on windows and Mac.
4. Window - Reset Perspective is the only way I know to restore sanity after an accidental drag or double click rearranges the windows.
5. Bookmarks. Right click in left of course and Add Bookmark... and fill in stuff. Then Window - show view - Other... and choose Bookmarks.
6. CLASSPATH. All this on one line:

```
java -classpath .;C:\AAA\Programming\Goteborg\workspace\beast16\bin;  
C:\AAA\Programming\Goteborg\workspace\beast16\lib\*  
dr.app.beast.BeastMain -seed 42
```

(No space between first line and second, but space between second line and third.)

3 Linux

1. Need to go to System - Preferences - Mouse and turn off touchpad clicks to make touchpad useable in menus.
2. `$PWD` = current working directory. `cd` to directory containing `foo`, then `$PWD/foo` to run it.
3. `gcc` needs `-lm` flag for maths library. (Why?)