

Settings.java

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1 /**
2 Settings.java
3 This file defines the Settings class. This is intended to store the state of the
4     settings currently selected by the user, and to communicate this between windows
5     e.g. through the mainSettings and currentSettings instances
6 **/
7
8 import org.eclipse.swt.graphics.Color;
9 import org.eclipse.swt.widgets.Display;
10
11 public class Settings {
12     boolean showGridlines = false; //Not yet implemented
13     boolean showAxes = true;
14     boolean labelAxes = true; //Not yet implemented
15     boolean labelIntercepts = true; //Not yet implemented
16     boolean labelIntersections = false; //Not yet implemented
17
18     //If true, prints out debug statements to console, otherwise prints nothing
19     //Also ensures the unit tests are run
20     static public boolean debugMode = true;
21
22     Color backgroundColor = new Color(Display.getCurrent(), 255, 255, 255);
23     Color penColor = new Color(Display.getCurrent(), 0, 0, 0);
24
25     double xZoom = 50;
26     double yZoom = 50;
27     int xPan = 0;
28     int yPan = 0;
29     int panSpeed = 10;
30     double zoomRatio = 1; //xZoom over yZoom
31     double zoomSpeed = 1.1;
```

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```
32  double accuracyThreshold = 3;
33  double inequalityTransparency = 0.5; //Not yet implemented
34  String currentEquations = "";
35 }
36
```