Setup Instructions

How to setup the base GRUVE system and have it running.

1. Install Apache Tomcat [(link)](http://tomcat.apache.org/index.html), the web server that will run the GRUVE system.   
   Check installation by visiting <http://localhost:8080>, to see Tomcat welcome page.
2. Copy everything inside .zip to the webapps folder of Tomcat Install. ( ex: C:\Apache\Tomcat8\webapps )  
   Check installation by visiting <http://localhost:8080/gruve/game-index.html>, to see game welcome page.
3. Edit permissions on \gruve and give yourself full access including write.
4. Proceed to the game. You should see a HTTP Status 500 error below the Instruction. This is because we haven’t configured the gruve system with the location of Tomcat install.
5. In the following locations, edit the root of Tomcat install. ( ex: C:\Apache\Tomcat8 )  
   1. \gruve\WEB-INF\classes\compileAll.bat :1
   2. \gruve\WEB-INF\classes\compileGruveServlet.bat :1
   3. \gruve\WEB-INF\classes\compileWizServlet.bat :1
   4. \gruve\WEB-INF\classes\compileWozLogListServlet.bat :1
   5. \gruve\WEB-INF\classes\compileWozLogServlet.bat :1
   6. \gruve\WEB-INF\classes\GruveServlet.java :70 and :92
   7. \gruve\WEB-INF\classes\GruveWizServlet.java
   8. \gruve\WEB-INF\classes\WozLogListServlet.java
   9. \gruve\WEB-INF\classes\WozLogServlet.java
   10. \gruve\WEB-INF\classes\hw\macs\gruve\GruveIM.java :128
   11. \gruve\WEB-INF\classes\hw\macs\gruve\Route.java :35
6. Add –Xlint:all to all .bat files in \gruve\WEB-INF\classes\
7. Compile the source files by running all .bat files in \gruve\WEB-INF\classes\
8. Add the line @SuppressWarnings(“unchecked”) at functions that show unsafe operations if the above step doesn’t go through.
9. Go to the game index, and attempt to get instruction to a street. If you get an instruction, the base system is now functional. Good luck!