

Programmers Guide for TIE - TurnItEasier

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Introduction

This project was created to allow people that are new to Java to be able to create their own programs easier without requiring a Medium level of knowledge in Java.

It contains basic functions to make write and reads easier on console as well as some more complex functions to help the programmer and avoid tons of work to create runnables or even frames.

I'm going to use Eclipse on windows for the tutorials.

Organization of this Document

This document will work as a tutorial and documentation for this API.

First I'm going to have tutorials where I'm going to explain how to create basic console programs and how to use them that will include examples, then the same thing for Dynamic Console and finally the windows.

After the tutorials there will be a section with the documentation for this API with all the functions on the API.

Basic Organization of the API

This API is organized by two main accessible classes with in total three Display Modes.

The Display Modes are Console, Dynamic Console and Window and they are used to define the way the program will run.

Console is the basic console that your Operating System as and where you can run Java applications.

Dynamic Console is a console that I created in order to give the programmer a console with a good platform to get keyboard listeners, mouse listeners, colors, fonts and so on.

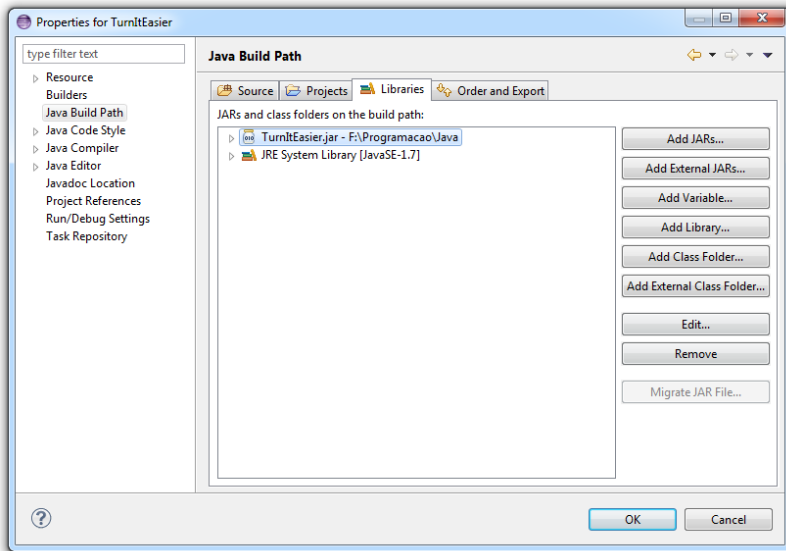
Window, as the name by itself tells us, it is a window, in Java also called frame, where the programmer as full access to it but it makes easier to the programmer to create since with only one line of code it created.

About the classes, the API as two main classes, one is TurnItEasier which contains the basic console commands, and the second is the Display class which contains Methods for the Dynamic Console and Window.

Tutorials/Explanation

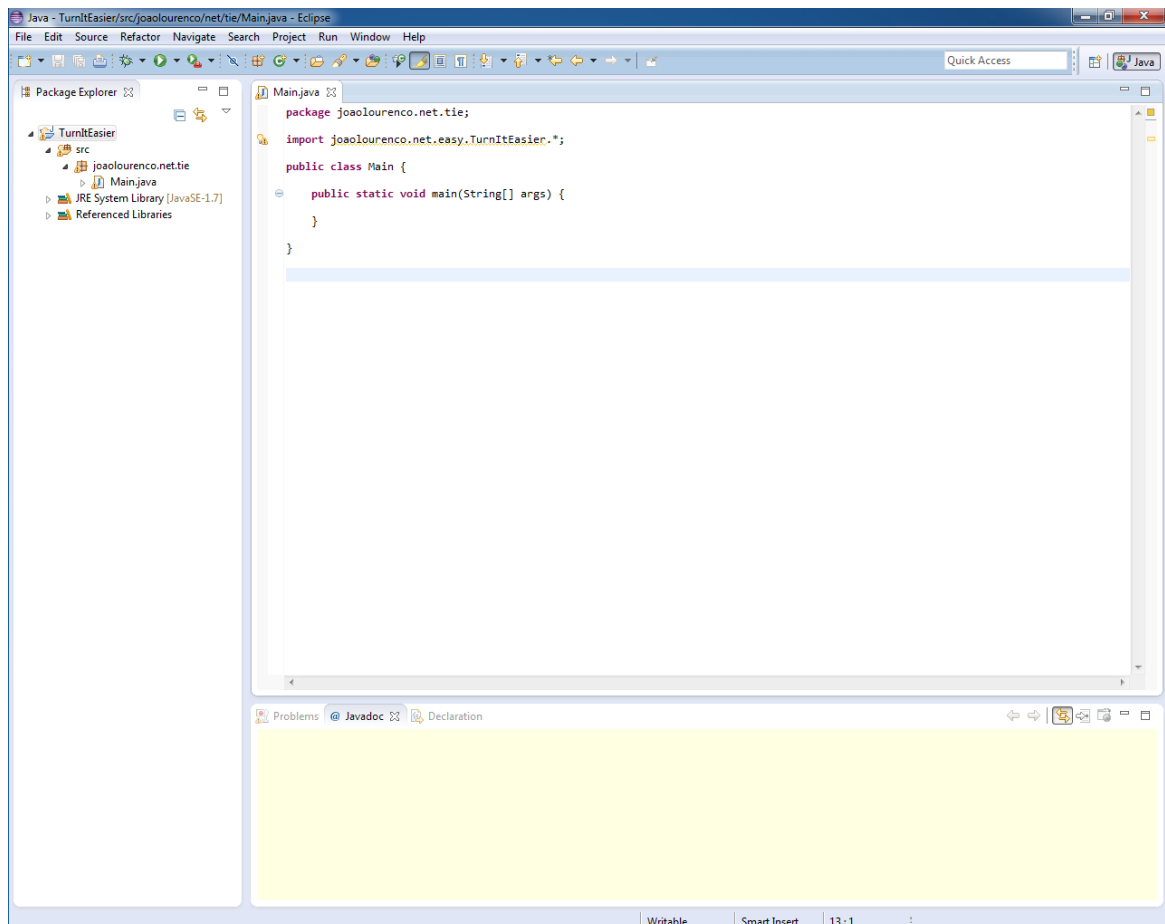
To startup we are going to use the easiest mode on the API, Console.

Create a new Java project at your own description and import the TurnItEasier.jar.



Right-Click on your project ->
Properties -> Java Build Path ->
Add External JAR's (find the
TurnItEasier.jar) -> Open -> OK

Create your Main class and Method, and import as static the package
joaolourengo.net.easy.TurnItEasier.*; .



In this case we didn't created a DisplayType instead we used some console type Methods, this tells the API that we are going to use the default console as DisplayType, this is used to avoid people that don't know much of this yet to give more attention to the Java itself.