

Quick Start

De Wiki

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First start

In this page, we are going to see how to create quickly a frame including a button just to see how it is easy to do it using **GENIUS**.

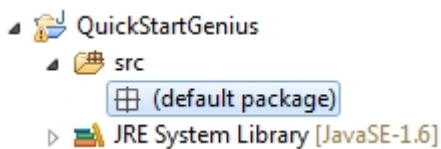
After that, you just will have to follow the next pages to get explanations with more and more details and functionalities ...

To illustrate this example, we started using [Eclipse](#) environment but, of course, you are allowed to use any other environment to use **GENIUS**. Anyway, we considered that the user owns basic knowledge of [Java](#) langage and environment and we will not describe, for example, what is a class and how to create it !

Opening Eclipse and creating a project

First, we will have to create a [Java](#) project. Practically, it could be more interesting to create a [Maven](#) project, mainly to manage dependencies but we preferred to keep a basic [Java](#) project not to impose a solution.

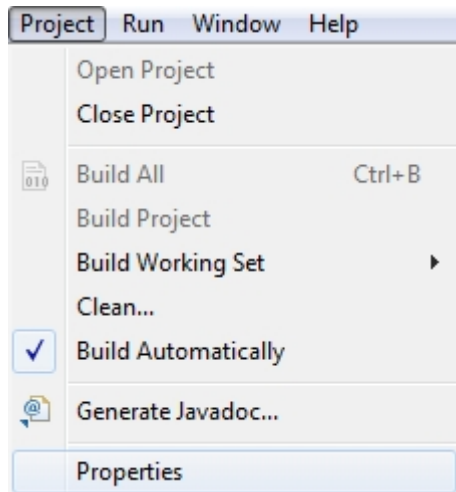
You could see this on the Package Explorer subwindow ...



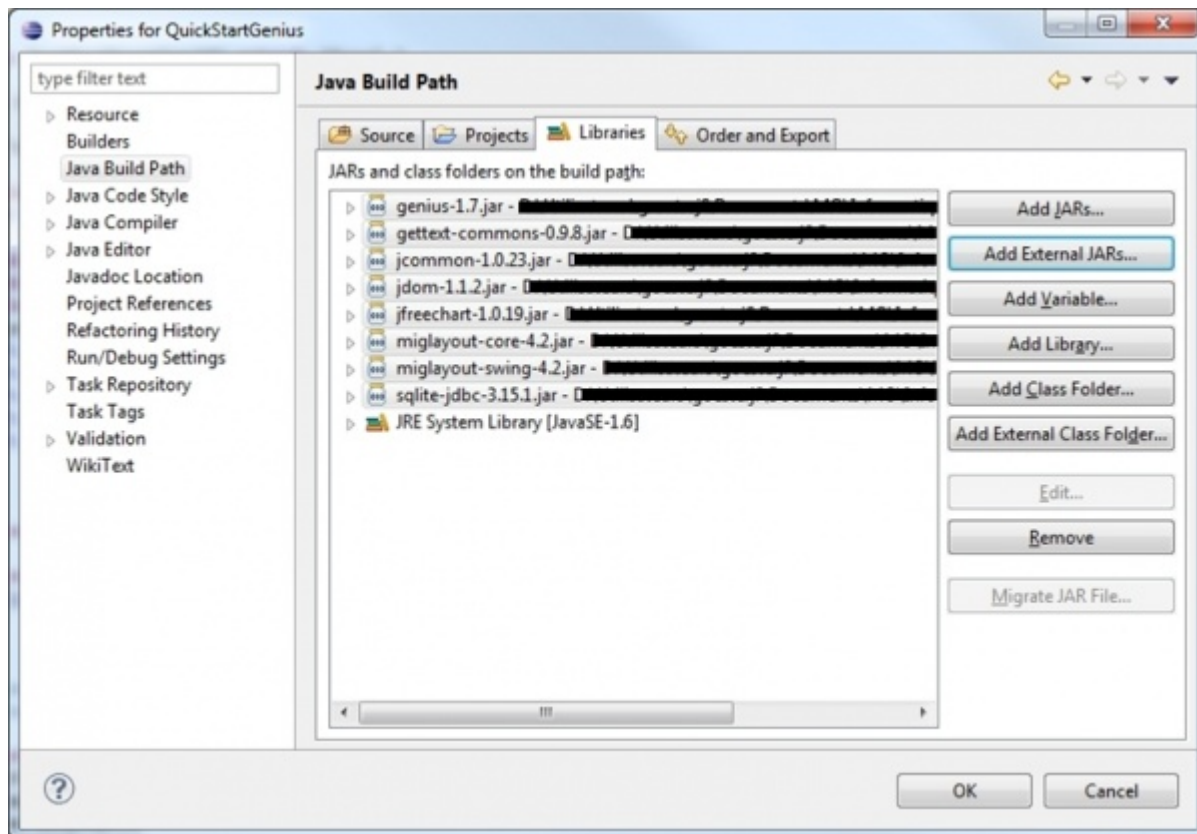
Adding dependencies

Then it will be mandatory to add **GENIUS** library and other dependencies. To do it, you will have to:

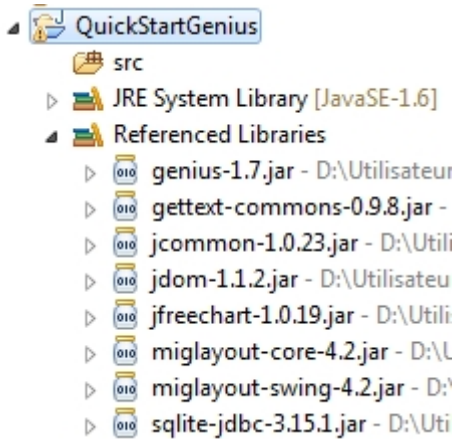
- activate the "*Properties*" subwindow,



- then selecting the "Java Build Path" option,
- going to the "Libraries" tab
- and finally adding libraries as "External jars"



Your project explorer must show this:



Adding the Java code

Now, you may import the following code ...

```
import fr.cnes.genius.exception.GException;
import fr.cnes.genius.lowLevel.GButton;
import fr.cnes.genius.lowLevel.GFrame;
import fr.cnes.genius.lowLevel.GPanel;

public class MyPanel extends GPanel {

    private GButton but;

    public MyPanel () {
        but = new GButton("Button");
    }
    public void display() throws GException {
        put(but);
    }

    public void generic() { }

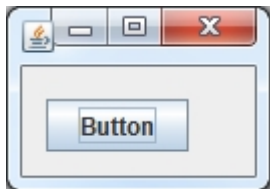
    public static void main(String[] args) {
        MyPanel pan = new MyPanel();
        GFrame frame = new GFrame("Test", pan);
        frame.display();
    }

};
```

Note that the import lines must be added (or refreshed) automatically, using the Ctrl-Shift-O Eclipse shortcut.

Your first GUI !

You will obtain this tiny frame including a button ...



Récupérée de « http://genius.cnes.fr/index.php?title=Quick_Start&oldid=560 »

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