Designing Interactive Systems II
Window System (Part 3)
RAT: Really Awesome Toolkit

Group Members

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Compiling Instructions

The following instructs how to run the program:
1. Put GES.jar in the main folder, where the other source codes are.
2. Compile the source code in command line by
                    $ javac –cp .:GES.jar MyApp.java
3. To run the compiled program, in command line use
                    $ java –cp .:GES.jar MyApp

Testing Your Understanding

1)
GES   *Graphics and Event Library*
MyApp   *Application*
MyCalculator   *Application*
RATButton   *UI Toolkit*
RATLabel   *UI Toolkit*
RATWidget   *UI Toolkit*
RATMouseListener   *UI Toolkit*
SimpleWindow   *Base Window System*
WindowManager   *Window Manager*
WindowSystem   *Base Window System*

2) Callbacks are specific snippets of code that are passed as arguments to another function. Event Listener instead permits a class to watch for an event to occur, and it's their task to associate it with any method they want. Event listener are more flexible, especially cause they permit:
- More than 1 class to register for a single event, and as such more 'callback' methods can be called by different classes
- Classes can register for an event at runtime

Extra Credit

We implemented a simple calculator, which shows on the desktop as well. It allows to do simple mathematical operations (+,-,*,/) of **two** numbers. Sequential operations are not supported.