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Assignment3 10/26/15

I did not think a lot about designing the project, since I had many errors occurs in the coding when doing the assignment follows the specification step by step. My most attention was dragged by those errors in code due to the unfamiliar of events handling part. Basically what I did just do one step in code and spend tons of time on using system.out to track the state of the code for debugging.

I feel my assignment just an unfinished work, the first error still in code is somehow in text view, the color is always showing null, I forgot to fix that while I was trap in event handling. Second that I did not do the visualization on selected shape. I was hesitate on which way to draw the border, the first easy plan is have a method call to just draw a border, but I not sure how to use graph under a method; second is to draw a shape in back of the selected shape, but that will affect the shape list, I am afraid it will make whole code not working again, so I did not do it yet.

Third is that the move shape method does not work completely, it only work on the last shape drawn. My step is first check if the mouse listener are not on drawing mode, if true, the mousePressed() will get firs x,y location, and check isOn() for top most shape, then see if Dragged() true of false, if true, when mouseReleased(), get 2nd xy, and call change coordination() if drawingmod false and drageing true. I think this problem is because I have update the check topmost shape isOn method in DrawingBoard from last assignment but not update change coordination method, because I was able to move any shape in the JFrame before the update.

The one problem that trapped me whole day long is the mouselistenner event, it work only when I drawing the shapes but not else response to the code, I solve the problem by accidently copy all .java file to another folder intent to try a big modification, but soon as I compile the code after move the .java, the error message “mouselistener cannot be resolved to a type“ shown on docjava, but the .java file on original never show any error message, I have no idea why that happen. And also some other behavior changed after I changed java file location.

I feel this project let me get a lot of better in event handling, if is not the weird mouselistenner bug trap me whole day long, I would do much better on the assignment rather than now.