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\*/

package javaapplication11;

import javax.swing.\*;

import java.awt.\*;

import java.awt.event.\*;

import java.awt.geom.Rectangle2D;

/\*\*

\*

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\*/

class MyFrame extends JFrame{

JFrame frame=this;

int x,y,x2,y2;

public MyFrame() {

this.setSize(500,600);

this.setDefaultCloseOperation(3);

Container c = this.getContentPane();

c.add(new MyPanel());

this.setVisible(true);

}

class MyPanel extends JPanel{

JPanel panel=this;

boolean draw;

MyPanel(){

this.setFocusable(true);

this.addKeyListener(new KL());

this.addMouseListener(new ML());

this.addMouseMotionListener(new MML());

}

public void paintComponent(Graphics g) {

super.paintComponent(g);

Graphics2D g2=(Graphics2D)g;

g2.draw(new Rectangle2D.Double(x,y,x2,y2));

}

class KL implements KeyListener{

public void keyPressed(KeyEvent e) {

}

public void keyReleased(KeyEvent e) {

}

public void keyTyped(KeyEvent e) {

}

}

class ML implements MouseListener{

public void mouseClicked(MouseEvent e){

}

public void mouseExited(MouseEvent e){

// System.out.println("exited");

}

public void mouseEntered(MouseEvent e){

// System.out.println("entered");

}

public void mouseReleased(MouseEvent e){

// System.out.println("released");

}

public void mousePressed(MouseEvent e){

// System.out.println("pressed");

x=e.getX();

y=e.getY();

}

}

class MML implements MouseMotionListener{

public void mouseMoved(MouseEvent e){

frame.setTitle("("+e.getX()+", "+e.getY()+")");

}

public void mouseDragged(MouseEvent e){

x2=e.getX()-x;

y2=e.getY()-y;

panel.repaint();

}

}

}//panel

}//frame

public class JavaApplication11 {

/\*\*

\* @param args the command line arguments

\*/

public static void main(String[] args) {

// TODO code application logic here

new MyFrame();

}

}