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import java.awt.AWTException;
import java.awt.Frame;
import java.awt.Image;
import java.awt.MenuItem;
import java.awt.PopupMenu;
import java.awt.SystemTray;
import java.awt.Toolkit;
import java.awt.TrayIcon;
import java.awt.event.ActionEvent;
import java.awt.event.ActionListener;
import java.awt.event.MouseEvent;
import java.awt.event.MouseListener;
public class Icon {
private static TrayIcon trayIcon;
private SystemTray tray;
private Image image;
private MouseListener mouseListener;
private String info = null;
private String titelhover = "Titel";
private String latestinfo = "";
private PopupMenu popup;
private MenuItem openItem;
private String logoString = "";
Frame frame= new HauptFenster();
//Konstruktor
public Icon() {
    if (SystemTray.isSupported()) {
        tray = SystemTray.getSystemTray();
        image = Toolkit.getDefaultToolkit().getImage(Icon.class.getResource(
logoString));
        popup = new PopupMenu();
        popup.setName("Menue");
        popup.setFont(schrift);
        openItem = new MenuItem("TitelAnzeige öffnen");
        popup.add(openItem);
        trayIcon = new TrayIcon(image, titelhover, popup);
        ActionListener actionListener = new ActionListener() {
            public void actionPerformed(ActionEvent e) {
                if (frame.getState() == 1) {
                    frame.setState(Frame.NORMAL);
                    frame.setVisible(true);
                }else if (frame.getState() == 0) {
                    frame.setState(Frame.ICONIFIED);
                    frame.setVisible(false);
                }
            }
        };
        trayIcon.setImageAutoSize(true);
    }
}

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        trayIcon.addActionListener(actionListener);
        trayIcon.addMouseListener(mouseListener);
        try{
            tray.add(trayIcon);
        } catch (AWTException e) {
            System.err.println("TrayIcon kann nicht hinzugefuegt werden...");
        }
    }else{
        // System Tray is not supported
        System.err.println(
"Leider unterstützt Ihre Java-Version das Systemtray nicht, bitte updaten sie d
");
    }

/**
 * Getters and Setters */
    public static TrayIcon getTrayIcon() {
        return trayIcon;
    }
    public void setTip(String tip) {
        trayIcon.setToolTip(tip);
    }
    public void setInfoString(String info){
        trayIcon.displayMessage("Information",info,TrayIcon.MessageType.INFO);
    }
    public static void message(String msg){
        trayIcon.displayMessage("Information",msg,TrayIcon.MessageType.INFO);
    }
}

```