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import modules.email.action.*;
import javax.swing.JDialog;
import javax.swing.JTextField;
import javax.swing.JTextArea;
import javax.swing.JLabel;
import javax.swing.SwingConstants;
import javax.swing.JButton;
import java.awt.event.WindowAdapter;
import java.awt.event.WindowEvent;
import java.awt.event.ActionListener;
import java.awt.event.ActionEvent;
import java.io.BufferedReader;
import java.io.InputStreamReader;
import javax.swing.ImageIcon;
import java.awt.Color;

/**
 * New Message Dialog box
 *
 * Creates a new new email message dialog and allows a user to input a message
 * Then calls a shell script to send the message to ACL2 for message generation and
 * processing
 *
 * @author Wesley R. Howell
 */

public class newMessage extends JDialog {
    /**
     *
     */
    private static final long serialVersionUID = 1L;
    private JTextField txtFdTo;
    private JTextField txtFdFrom;
    private JTextField txtFdSubject;
    private JTextArea textArea;
    public newMessage() {
        getContentPane().setBackground(Color.LIGHT_GRAY);
        setResizable(false);
        setTitle("New Message - ACL2 Email System\n");
        addWindowListener(new WindowAdapter() {
            @Override
            public void windowClosed(WindowEvent e) {
                setVisible(false);
            }
        });
        getContentPane().setLayout(null);

        txtFdTo = new JTextField();
        txtFdTo.setBounds(105, 65, 469, 28);
        getContentPane().add(txtFdTo);
        txtFdTo.setColumns(10);

        txtFdFrom = new JTextField();
        txtFdFrom.setBounds(105, 107, 469, 28);
        getContentPane().add(txtFdFrom);
        txtFdFrom.setColumns(10);

        txtFdSubject = new JTextField();
        txtFdSubject.setBounds(105, 154, 469, 28);
        getContentPane().add(txtFdSubject);
        txtFdSubject.setColumns(10);

        textArea = new JTextArea();
        textArea.setBounds(30, 213, 544, 187);
        getContentPane().add(textArea);

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JLabel lblTo = new JLabel("To:");
lblTo.setHorizontalAlignment(SwingConstants.LEFT);
lblTo.setBounds(32, 71, 61, 16);
getContentPane().add(lblTo);

JLabel lblFrom = new JLabel("From:");
lblFrom.setHorizontalAlignment(SwingConstants.LEFT);
lblFrom.setBounds(32, 113, 61, 16);
getContentPane().add(lblFrom);

JLabel lblSubject = new JLabel("Subject:");
lblSubject.setHorizontalAlignment(SwingConstants.LEFT);
lblSubject.setBounds(32, 160, 61, 16);
getContentPane().add(lblSubject);

JLabel lblMessage = new JLabel("Message:");
lblMessage.setBounds(32, 190, 61, 16);
getContentPane().add(lblMessage);

/**
 * Send Button Action
 */
JButton btnSend = new JButton("Send");
btnSend.setIcon(new ImageIcon("lib/email_go.png"));
btnSend.addActionListener(new ActionListener() {
    public void actionPerformed(ActionEvent e) {

        /**
         * Send to ACL2
         */
        // String s;
        String to = txtFdTo.getText();
        String from = txtFdFrom.getText();
        String sub = txtFdSubject.getText();
        String cont = textArea.getText();

        //
        SendEmail.sendMessage(to, from, sub, cont);

//
        String[] cmdArray = {"sh", "/Users/w_howell/code/spring-2013-se2-dijkstra
/client/modules/email/email-action/send-message-java.sh", to, from, sub, cont};
//
//
//      try {
//          Process p = Runtime.getRuntime().exec(cmdArray);
//
//          BufferedReader err = new BufferedReader (
//              new InputStreamReader (p.getErrorStream()));
//          while ((s = err.readLine()) != null) {
//              System.out.println(s);
//          }
//      }
//      catch (Exception x) {
//          x.printStackTrace();
//      }
//
        setVisible(false);
    }
});
btnSend.setBounds(457, 428, 117, 29);
getContentPane().add(btnSend);

/**
 * Cancel Button Action
 */
JButton btnCancel = new JButton("Cancel");
btnCancel.setIcon(new ImageIcon("lib/cancel.png"));
btnCancel.addActionListener(new ActionListener() {

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        public void actionPerformed(ActionEvent arg0) {
            setVisible(false);
        }
    });
    btnCancel.setBounds(328, 428, 117, 29);
    getContentPane().add(btnCancel);

    JLabel lblNewLabel_1 = new JLabel("<html><h2>Create New Message:</h2></html>");
    lblNewLabel_1.setBounds(30, 18, 238, 28);
    getContentPane().add(lblNewLabel_1);

    JLabel lblAclEmailSystem = new JLabel("<html><font size=2>ACL2 Email System <br>\n2013 Team ✓
Dijkstra <br>\nUniversity of Oklahoma");
    lblAclEmailSystem.setBounds(30, 410, 124, 47);
    getContentPane().add(lblAclEmailSystem);
    }
}

```