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import javax.swing.*;
import javax.swing.event.*;

public class QuickEntryMediator {
    private JTextField itsTextField;
    private JList itsList;

    public QuickEntryMediator(JTextField textField, JList list) {
        itsTextField = textField;
        itsList = list;
        itsTextField.getDocument().addDocumentListener(
            new DocumentListener() {
                public void changedUpdate(DocumentEvent e) {
                    textFieldChanged();
                }
                public void insertUpdate(DocumentEvent e) {
                    textFieldChanged();
                }
                public void removeUpdate(DocumentEvent e) {
                    textFieldChanged();
                }
            } // new DocumentListener
        ); // addDocumentListener
    } // QuickEntryMediator()

    private void textFieldChanged() {
        String prefix = itsTextField.getText();
        if (prefix.length() == 0) {
            itsList.clearSelection();
            return;
        }
        ListModel m = itsList.getModel();
        boolean found = false;
        for (int i = 0; found == false && i < m.getSize(); i++) {
            Object o = m.getElementAt(i);
            String s = o.toString();
            if (s.startsWith(prefix)) {
                itsList.setSelectedValue(o, true);
                found = true;
            }
        }
        if (!found)
            itsList.clearSelection();
    } // textFieldChanged()
} // class QuickEntryMediator

// To use quick entry mediator simply...
JTextField textField = new JTextField();
JList list = new JList();
QuickEntryMediator qem = new QuickEntryMediator(textField, list);
// ... and then you can forget it.

```