

Login Midlet

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/*
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Help for New J2ME Developers
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*/
import javax.microedition.midlet.MIDlet;
import javax.microedition.lcdui.*;

public class LoginMidlet extends MIDlet implements CommandListener {
    private Display display;
    private TextField userName;
    private TextField password;
    private Form form;
    private Command cancel;
    private Command login;

    public LoginMidlet() {
        userName = new TextField("LoginID:", "", 10, TextField.ANY);
        password = new TextField("Password:", "", 10, TextField.PASSWORD);
        form = new Form("Sign in");
        cancel = new Command("Cancel", Command.CANCEL, 2);
        login = new Command("Login", Command.OK, 2);
    }

    public void startApp() {
        display = Display.getDisplay(this);
        form.append(userName);
        form.append(password);
        form.addCommand(cancel);
        form.addCommand(login);
        form.setCommandListener(this);
        display.setCurrent(form);
    }

    public void pauseApp() {
    }

    public void destroyApp(boolean unconditional) {
        notifyDestroyed();
    }

    public void validateUser(String name, String password) {
        if (name.equals("qm") && password.equals("j2")) {
            menu();
        } else {
            tryAgain();
        }
    }
}
```

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}  
  
public void menu() {  
    List services = new List("Choose one", Choice.EXCLUSIVE);  
    services.append("Check Mail", null);  
    services.append("Compose", null);  
    services.append("Addresses", null);  
    services.append("Options", null);  
    services.append("Sign Out", null);  
    display.setCurrent(services);  
}  
  
public void tryAgain() {  
    Alert error = new Alert("Login Incorrect", "Please try again", null, AlertType.ERROR);  
    error.setTimeout(Alert.FOREVER);  
    userName.setString("");  
    password.setString("");  
    display.setCurrent(error, form);  
}  
  
public void commandAction(Command c, Displayable d) {  
    String label = c.getLabel();  
    if(label.equals("Cancel")) {  
        destroyApp(true);  
    } else if(label.equals("Login")) {  
        validateUser(userName.getString(), password.getString());  
    }  
}  
}
```