

Help needed with NetBeans IDE so sample code will work please?

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- *From:* M <ihatespam.0.a101888@xxxxxxxxxxxxxxxxxxx>
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-

Hi Folks,

Below is some sample code for a Java Applet. If I manually compile it using the command line interpreter & fire it off using an HTML document it works fine. However if I create a project in NetBeans Right Click on the ShowDocument.java file and click Run File, I get a message in the output window "createGUI didn't successfully complete".

Can anyone please tell me exactly what I need to do to get this (and other) sample code to actually work inside the NetBeans IDE.

Regards,

M

```
/*  
 * ShowDocument.java  
 *  
 * Created on 19 October 2006, 07:42  
 *  
 * To change this template, choose Tools | Template Manager  
 * and open the template in the editor.  
 */
```

```
package org.me.ShowDocument;  
  
import java.applet.AppletContext;  
import javax.swing.*;  
import java.awt.GridBagLayout;  
import java.awt.GridBagConstraints;  
import java.awt.Insets;  
import java.awt.event.*;  
import java.net.URL;  
import java.net.MalformedURLException;  
  
public class ShowDocument extends JApplet  
implements ActionListener {  
    URLWindow urlWindow;  

```

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```
public void init() {
//Execute a job on the event-dispatching thread:
//creating this applet's GUI.
try {
SwingUtilities.invokeAndWait(new Runnable() {
public void run() {
createGUI();
}
});
} catch (Exception e) {
System.err.println("createGUI didn't successfully complete");
}
}
```

```
private void createGUI() {
JButton button = new JButton("Bring up URL window");
button.addActionListener(this);
add(button);
```

```
JFrame.setDefaultLookAndFeelDecorated(true);
urlWindow = new URLWindow(getAppletContext());
urlWindow.pack();
}
```

```
public void destroy() {
//Execute a job on the event-dispatching thread:
//creating this applet's GUI.
try {
SwingUtilities.invokeAndWait(new Runnable() {
public void run() {
destroyGUI();
}
});
} catch (Exception e) { }
}
```

```
private void destroyGUI() {
urlWindow.setVisible(false);
urlWindow = null;
}
```

```
public void actionPerformed(ActionEvent event) {
urlWindow.setVisible(true);
}
}
```

```
class URLWindow extends JFrame
implements ActionListener {
JTextField urlField;
JComboBox choice;
```

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```
AppletContext appletContext;
```

```
public URLWindow(AppletContext appletContext) {  
    super("Show a Document!");  
    this.appletContext = appletContext;
```

```
    JPanel contentPane = new JPanel(new GridBagLayout());  
    setContentPane(contentPane);  
    contentPane.setBorder(BorderFactory.createEmptyBorder(10,10,10,10));  
    GridBagConstraints c = new GridBagConstraints();  
    c.fill = GridBagConstraints.HORIZONTAL;
```

```
    JLabel label1 = new JLabel("URL of document to show: ",  
    JLabel.TRAILING);  
    add(label1, c);
```

```
    urlField = new JTextField("http://java.sun.com/", 20);  
label1.setLabelFor(urlField);  
urlField.addActionListener(this);  
c.gridwidth = GridBagConstraints.REMAINDER;  
c.weightx = 1.0;  
add(urlField, c);
```

```
    JLabel label2 = new JLabel("Window/frame to show it in: ",  
JLabel.TRAILING);  
c.gridwidth = 1;  
c.weightx = 0.0;  
add(label2, c);
```

```
    String[] strings = {  
"(browser's choice)", //don't specify  
"My Personal Window", //a window named "My Personal Window"  
" blank", //a new, unnamed window  
" self",  
" parent",  
" top" //the Frame that contained this applet  
};  
choice = new JComboBox(strings);  
label2.setLabelFor(choice);  
c.fill = GridBagConstraints.NONE;  
c.gridwidth = GridBagConstraints.REMAINDER;  
c.insets = new Insets(5,0,0,0);  
c.anchor = GridBagConstraints.LINE_START;  
add(choice, c);
```

```
    JButton button = new JButton("Show document");  
button.addActionListener(this);  
c.weighty = 1.0;  
c.ipadx = 10;  
c.ipady = 10;  
c.insets = new Insets(10,0,0,0);
```

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```
c.anchor = GridBagConstraints.PAGE_END;  
add(button, c);  
}  
  
public void actionPerformed(ActionEvent event) {  
String urlString = urlField.getText();  
URL url = null;  
try {  
url = new URL(urlString);  
} catch (MalformedURLException e) {  
System.err.println("Malformed URL: " + urlString);  
}  
  
if (url != null) {  
if (choice.getSelectedIndex() == 0) {  
appletContext.showDocument(url);  
} else {  
appletContext.showDocument(url,  
(String)choice.getSelectedItem());  
}  
}  
}  
}
```

.