

WindowRule.java

```

1 package gui;
2 import javax.swing.JPanel;
29
30
31 public class WindowRule extends JPanel {
32     private JTextField textField;
33
34     private SESystem selectedSystem;
35
36     private int ruleId;
37
38     private JLabel lblRule;
39
40     private JRadioButton rdbtnNewRadioButton_1;
41     private JRadioButton rdbtnNewRadioButton;
42
43     public WindowRule() {
44         setLayout(null);
45
46         JButton btnOk = new JButton("OK");
47         btnOk.addActionListener(new ActionListener() {
48             public void actionPerformed(ActionEvent e) {
49                 Rule r = selectedSystem.getRule(ruleId);
50                 r.setComment(textField.getText());
51                 r.setEvaluated(true);
52                 if(rdbtnNewRadioButton.isSelected()){
53                     r.setValid(true);
54                 }
55                 else{
56                     r.setValid(false);
57                 }
58                 setVisible(false);
59             }
60         });
61         btnOk.setBounds(437, 313, 117, 25);
62         add(btnOk);
63
64         JButton btnCancel = new JButton("Cancel");
65         btnCancel.addActionListener(new ActionListener() {
66             public void actionPerformed(ActionEvent e) {
67                 setVisible(false); //kataastrefei to panel
68             }
69         });
70         btnCancel.setBounds(308, 313, 117, 25);
71         add(btnCancel);
72
73         JTextArea textArea = new JTextArea();
74         textArea.setBounds(308, 12, 1, 15);
75         add(textArea);
76
77         textField = new JTextField();
78         textField.setBounds(349, 69, 142, 155);
79         add(textField);
80         textField.setColumns(10);
81
82         rdbtnNewRadioButton = new JRadioButton("Yes");
83         rdbtnNewRadioButton.addActionListener(new ActionListener() {
84             public void actionPerformed(ActionEvent e) {
85                 rdbtnNewRadioButton_1.setSelected(false);
86                 rdbtnNewRadioButton.setSelected(true);
87             }

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88     });
89     rdbtnNewRadioButton.setBounds(345, 267, 62, 23);
90     add(rdbtnNewRadioButton);
91
92     rdbtnNewRadioButton_1 = new JRadioButton("No");
93     rdbtnNewRadioButton_1.addActionListener(new ActionListener() {
94         public void actionPerformed(ActionEvent e) {
95             rdbtnNewRadioButton.setSelected(false);
96             rdbtnNewRadioButton_1.setSelected(true);
97         }
98     });
99     rdbtnNewRadioButton_1.setBounds(437, 267, 54, 23);
100    add(rdbtnNewRadioButton_1);
101
102    JLabel lblYes = new JLabel("Rule Exists?");
103    lblYes.setBounds(364, 244, 149, 15);
104    add(lblYes);
105
106    lblRule = new JLabel("Rule:");
107    lblRule.setBounds(382, 32, 85, 25);
108    add(lblRule);
109
110    JButton btnNewButton = new JButton("Show Diagrams");
111    btnNewButton.addActionListener(new ActionListener() {
112        public void actionPerformed(ActionEvent e) {
113            if( ruleId==1){
114                Law1 law = new Law1(selectedSystem);
115            }
116            else if(ruleId==2){
117                Law2 law = new Law2(selectedSystem);
118            }
119            else if(ruleId==3){
120                Law3 law = new Law3(selectedSystem);
121            }
122            else if(ruleId==4){
123                Law4 law = new Law4(selectedSystem);
124            }
125            else if(ruleId==5){
126                Law5 law = new Law5(selectedSystem);
127            }
128            else if(ruleId==6){
129                Law6 law = new Law6(selectedSystem);
130            }
131            else if(ruleId==7){
132                Law7 law = new Law7(selectedSystem);
133            }
134            else if(ruleId==8){
135                Law8 law = new Law8(selectedSystem);
136            }
137        }
138    });
139    btnNewButton.setBounds(37, 69, 163, 25);
140    add(btnNewButton);
141
142 }
143
144 public SESystem getSelectedSystem() {
145     return selectedSystem;
146 }
147
148 public void setSelectedSystem(SESystem selectedSystem) {

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149     this.selectedSystem = selectedSystem;
150     Rule r = selectedSystem.getRule(ruleId);
151     if(r.isEvaluated()){
152         textField.setText(r.getComment());
153         if(r.isValid()){
154             rdbtnNewRadioButton.setSelected(true);
155             rdbtnNewRadioButton_1.setSelected(false);
156         }
157         else{
158             rdbtnNewRadioButton.setSelected(false);
159             rdbtnNewRadioButton_1.setSelected(true);
160         }
161     }
162 }
163
164 public int getRuleId() {
165     return ruleId;
166 }
167
168 public void setRuleId(int ruleId) {
169     this.lblRule.setText("Rule: "+ruleId);
170     this.ruleId = ruleId;
171 }
172 }
173
```