Tutorial NetBean n0

Objectif

Utilisation d'un JavaBean comme modèle pour un ensemble de sélection (Voir la capture à la fin). **Etape 1** : créer un nouveau projet Java



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Etape2 : créer un Jframe Form click droit sur le projet puis New->JFrame Form dans le pop up

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Saisir TripleChoice comme nom de Jframe Form

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Click droit sur le projet puis properties puis Run Fixer la Main Class a "TripleChoice" Etape3 : Ajouter une Combo Box à partir de la palette (drag and drop)

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Etape 4 : modifier le model de la combo box.

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click droit sur la combo box puis properties dans le pop up

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Editer la propriété model de la combobox (Bordeau, côte du rhone, Bourgogne) à la place de item1, item 2 ...)

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Etape 5 : Créer un button group (drag and drop de la palette vers la form, le button group est invisible)

Etape 6 : creer les trois radio button (drag and drop des radio button de la palette vers la Jframe form)

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Modifier la propriété "nom" des buttons (Rouge, Blanc, Rosé) et fixer la propriété "buttonGroup" à buttonGroup1.



Etape 7 : ajouter la liste des années (drag and drop une jList de la palette vers la jFrame) Modifier la propriété model avec la liste des années possibles et modifier la propriété "selectionMode" avec SINGLE

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Etape 8 : Ajout du Bean ChoiceBean qui contiendra le modèle. click droit projet->new->java beans component On l'appelle ChoiceBean

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Effecer les ligne en gras public class ChoiceBean implements Serializable {

public static final String PROP_SAMPLE_PROPERTY = "sampleProperty";

private String sampleProperty;

```
private PropertyChangeSupport propertySupport;
  public ChoiceBean() {
    propertySupport = new PropertyChangeSupport(this);
  }
  public String getSampleProperty() {
    return sampleProperty;
  }
  public void setSampleProperty(String value) {
    String oldValue = sampleProperty;
    sampleProperty = value;
    propertySupport.firePropertyChange(PROP SAMPLE PROPERTY, oldValue,
sampleProperty);
  }
  public void addPropertyChangeListener(PropertyChangeListener listener) {
    propertySupport.addPropertyChangeListener(listener);
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  public void removePropertyChangeListener(PropertyChangeListener listener) {
    propertySupport.removePropertyChangeListener(listener);
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}

click droit dans le source->insert code->insert code puis selectionner add property dans le pop up



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Ajouter un boutton, modifier sa propriété text avec "OK" Ajouter un TextArea

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Etape 9 : Ajout du Bean dans la palette click droit sur ChoiceBean.java->Tools->Add to Palette

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sélectionner ChoiceBean dans la palette puis faites un drag and drop sur la form. ChoiceBean apparaît dans le navigator en bas a droite, sous other components

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Etape 10 : Connection de la combobox au bean selectionner l'icone du mode de connection (le 2eme a droite de design)



selectionner la source de l'événement (jComboBox1) et le recepteur de l'evenement (ChoiceBean) dans le connection wizard, selectionner actionPerformed pour JcomboBox1

pour ChoiceBean choisisser setProperty region

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choisisser user code et taper : "\n"+((JComboBox)evt.getSource()).getSelectedItem().toString()

dans le source de tripleChoice.java, ajouter l'import javax.swing.JComboBox

Etape 11 : Connecter jRadioButton1 à ChoiceBean choisissez actionPerformed pour JradioButton1 choisissez setProperty "Type" pour ChoiceBean choisissez user code et tapper : "\n"+jRadioButton1.getText()

faire de même pour jRadioButton2 (avec "\n"+jRadioButton2.getText() comme user code) et JradioButton3 (avec "\n"+jRadioButton3.getText() comme user code).

To run this application from the command line without Ant, try: java -jar "C:\Users\depalma\Documents\NetBeansProjects\netbean-tuto 0\dist\netbean-tuto 0.jar'

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jScrollPane2 [JScrollPane]

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Tasks

tx jTextArea1 [JTextArea

Etape 12 : Connecter la list à ChoiceBean

selectionner mouse puis mouseClicked comme evenement source pour la jList choisissez setProperty "annee" pour ChoiceBean choisissez user code et tapper : "\n"+(String) ((JList)evt.getSource()).getSelectedValue() dans le source java de TripleChoice importer javax.swing.JList

Etape 13 : Connecter le boutton au textarea selection action puis actionPerformed comme evenement source pour le bouton selectionner method call puis append(String) pour le textarea selectionner usercode et tapper : "\nVotre Choix :"+ "\nRegion : "+choiceBean1.getRegion()+ "\nType : "+choiceBean1.getType()+ "\nAnnee : "+choiceBean1.getAnnee()

Etape 14 : Lancer le programme.

