CombineKML.java

```xml
<?xml version="1.0" encoding="UTF-8" ?>

<Form version="1.3" maxVersion="1.9"
type="org.netbeans.modules.form.forminfo.JDialogFormInfo">
  <Properties>
    <Property name="defaultCloseOperation" type="int" value="2"/>
  </Properties>
  <SyntheticProperties>
    <SyntheticProperty name="formSizePolicy" type="int" value="1"/>
    <SyntheticProperty name="generateCenter" type="boolean" value="true"/>
  </SyntheticProperties>
  <AuxValues>
    <AuxValue name="FormSettings_autoResourcing" type="java.lang.Integer" value="0"/>
    <AuxValue name="FormSettings_autoSetComponentName" type="java.lang.Boolean"
value="false"/>
    <AuxValue name="FormSettings_generateFQN" type="java.lang.Boolean" value="true"/>
    <AuxValue name="FormSettings_generateMnemonicsCode" type="java.lang.Boolean"
value="false"/>
    <AuxValue name="FormSettings_i18nAutoMode" type="java.lang.Boolean" value="false"/>
    <AuxValue name="FormSettings_layoutCodeTarget" type="java.lang.Integer" value="1"/>
    <AuxValue name="FormSettings_listenerGenerationStyle" type="java.lang.Integer"
value="0"/>
    <AuxValue name="FormSettings_variablesLocal" type="java.lang.Boolean" value="false"/>
    <AuxValue name="FormSettings_variablesModifier" type="java.lang.Integer" value="2"/>
  </AuxValues>

  <Layout>
    <DimensionLayout dim="0">
      <Group type="103" groupAlignment="0" attributes="0">
        <Group type="102" alignment="0" attributes="0">
          <EmptySpace min="-2" pref="31" max="-2" attributes="0"/>
          <Group type="103" groupAlignment="0" attributes="0">
            <Group type="102" attributes="0">
              <Component id="jLabel1" min="-2" max="-2" attributes="0"/>
              <EmptySpace max="32767" attributes="0"/>
            </Group>
            <Group type="102" attributes="0">
              <Component id="jScrollPane1" min="-2" pref="168" max="-2" attributes="0"/>
              <EmptySpace pref="46" max="32767" attributes="0"/>
              <Group type="103" groupAlignment="0" attributes="0">
                <Group type="102" alignment="1" attributes="0">
                  <Component id="jButtonAddKMLs" min="-2" pref="110" max="-2"
attributes="0"/>
                  <EmptySpace min="-2" pref="19" max="-2" attributes="0"/>
```

```
              </Group>
              <Group type="102" attributes="0">
                 <Group type="103" groupAlignment="0" attributes="0">
                    <Component id="jButtonDelKMLS" min="-2" pref="110" max="-2"
attributes="0"/>
                       <Component id="jButtonCombine" alignment="0" min="-2" pref="110"
max="-2" attributes="0"/>
                       <Component id="jButtonDelAllKmls" min="-2" pref="110" max="-2"
attributes="0"/>
                 </Group>
                 <EmptySpace max="-2" attributes="0"/>
              </Group>
           </Group>
        </Group>
      </Group>
    </Group>
  </DimensionLayout>
  <DimensionLayout dim="1">
    <Group type="103" groupAlignment="0" attributes="0">
      <Group type="102" alignment="0" attributes="0">
        <EmptySpace max="-2" attributes="0"/>
        <Component id="jLabel1" min="-2" max="-2" attributes="0"/>
        <EmptySpace type="separate" max="-2" attributes="0"/>
        <Group type="103" groupAlignment="0" attributes="0">
           <Group type="102" attributes="0">
             <Component id="jButtonAddKMLs" min="-2" pref="60" max="-2"
attributes="0"/>
             <EmptySpace type="separate" max="-2" attributes="0"/>
             <Component id="jButtonDelKMLS" min="-2" pref="60" max="-2"
attributes="0"/>
             <EmptySpace type="unrelated" max="-2" attributes="0"/>
             <Component id="jButtonDelAllKmls" min="-2" pref="58" max="-2"
attributes="0"/>
             <EmptySpace type="separate" max="-2" attributes="0"/>
             <Component id="jButtonCombine" min="-2" pref="62" max="-2" attributes="0"/>
           </Group>
           <Component id="jScrollPane1" alignment="0" min="-2" pref="285" max="-2"
attributes="0"/>
        </Group>
        <EmptySpace pref="67" max="32767" attributes="0"/>
      </Group>
    </Group>
  </DimensionLayout>
</Layout>
<SubComponents>
```

```xml
<Container class="javax.swing.JScrollPane" name="jScrollPane1">
  <AuxValues>
    <AuxValue name="autoScrollPane" type="java.lang.Boolean" value="true"/>
  </AuxValues>

  <Layout
class="org.netbeans.modules.form.compat2.layouts.support.JScrollPaneSupportLayout"/>
  <SubComponents>
    <Component class="javax.swing.JList" name="jListKMLCombine">
      <Properties>
        <Property name="model" type="javax.swing.ListModel"
editor="org.netbeans.modules.form.editors2.ListModelEditor">
          <StringArray count="0"/>
        </Property>
      </Properties>
    </Component>
  </SubComponents>
</Container>
<Component class="javax.swing.JLabel" name="jLabel1">
  <Properties>
    <Property name="font" type="java.awt.Font"
editor="org.netbeans.beaninfo.editors.FontEditor">
      <Font name="Tahoma" size="14" style="0"/>
    </Property>
    <Property name="text" type="java.lang.String" value="KMLs to combine:"/>
  </Properties>
</Component>
<Component class="javax.swing.JButton" name="jButtonDelKMLS">
  <Properties>
    <Property name="text" type="java.lang.String" value="Delete"/>
  </Properties>
  <Events>
    <EventHandler event="actionPerformed" listener="java.awt.event.ActionListener"
parameters="java.awt.event.ActionEvent" handler="jButtonDelKMLSActionPerformed"/>
  </Events>
</Component>
<Component class="javax.swing.JButton" name="jButtonAddKMLs">
  <Properties>
    <Property name="text" type="java.lang.String" value="Add More"/>
  </Properties>
  <Events>
    <EventHandler event="actionPerformed" listener="java.awt.event.ActionListener"
parameters="java.awt.event.ActionEvent" handler="jButtonAddKMLsActionPerformed"/>
  </Events>
</Component>
<Component class="javax.swing.JButton" name="jButtonCombine">
```

```
    <Properties>
      <Property name="text" type="java.lang.String" value="Combine"/>
    </Properties>
    <Events>
      <EventHandler event="actionPerformed" listener="java.awt.event.ActionListener"
parameters="java.awt.event.ActionEvent" handler="jButtonCombineActionPerformed"/>
    </Events>
  </Component>
  <Component class="javax.swing.JButton" name="jButtonDelAllKmls">
    <Properties>
      <Property name="text" type="java.lang.String" value="Remove All"/>
    </Properties>
    <Events>
      <EventHandler event="actionPerformed" listener="java.awt.event.ActionListener"
parameters="java.awt.event.ActionEvent" handler="jButtonDelAllKmlsActionPerformed"/>
    </Events>
  </Component>
 </SubComponents>
</Form>
```

CombineKML.java

```java
import java.awt.event.WindowEvent;
import java.io.BufferedReader;
import java.io.BufferedWriter;
import java.io.FileInputStream;
import java.io.FileWriter;
import java.io.IOException;
import java.io.InputStreamReader;
import java.util.ArrayList;
import java.util.logging.Level;
import java.util.logging.Logger;
import javax.swing.DefaultListModel;
import javax.swing.JFileChooser;
import javax.swing.filechooser.FileNameExtensionFilter;

/*
 * To change this license header, choose License Headers in Project Properties.
 * To change this template file, choose Tools | Templates
 * and open the template in the editor.
 */
/**
 *
 * @author Tim
 */
public class CombineKML extends javax.swing.JDialog {

    /**
     * Creates new form CombineKML
     */
    JFileChooser fileChooser = null;
    // public java.io.File[] selectedKMLs;
    ArrayList<java.io.File> selectedKMLs = new ArrayList<>();
    DefaultListModel kmlslist;

    public CombineKML(java.awt.Frame parent, boolean modal) {
        super(parent, modal);
        initComponents();
    }

    /**
     * This method is called from within the constructor to initialize the form.
     * WARNING: Do NOT modify this code. The content of this method is always
     * regenerated by the Form Editor.
     */
```

```java
    @SuppressWarnings("unchecked")
    // <editor-fold defaultstate="collapsed" desc="Generated Code">//GEN-
BEGIN:initComponents
    private void initComponents() {

        jScrollPane1 = new javax.swing.JScrollPane();
        jListKMLCombine = new javax.swing.JList();
        jLabel1 = new javax.swing.JLabel();
        jButtonDelKMLS = new javax.swing.JButton();
        jButtonAddKMLs = new javax.swing.JButton();
        jButtonCombine = new javax.swing.JButton();
        jButtonDelAllKmls = new javax.swing.JButton();

        setDefaultCloseOperation(javax.swing.WindowConstants.DISPOSE_ON_CLOSE);

        jScrollPane1.setViewportView(jListKMLCombine);

        jLabel1.setFont(new java.awt.Font("Tahoma", 0, 14)); // NOI18N
        jLabel1.setText("KMLs to combine:");

        jButtonDelKMLS.setText("Delete");
        jButtonDelKMLS.addActionListener(new java.awt.event.ActionListener() {
            public void actionPerformed(java.awt.event.ActionEvent evt) {
                jButtonDelKMLSActionPerformed(evt);
            }
        });

        jButtonAddKMLs.setText("Add More");
        jButtonAddKMLs.addActionListener(new java.awt.event.ActionListener() {
            public void actionPerformed(java.awt.event.ActionEvent evt) {
                jButtonAddKMLsActionPerformed(evt);
            }
        });

        jButtonCombine.setText("Combine");
        jButtonCombine.addActionListener(new java.awt.event.ActionListener() {
            public void actionPerformed(java.awt.event.ActionEvent evt) {
                jButtonCombineActionPerformed(evt);
            }
        });

        jButtonDelAllKmls.setText("Remove All");
        jButtonDelAllKmls.addActionListener(new java.awt.event.ActionListener() {
            public void actionPerformed(java.awt.event.ActionEvent evt) {
                jButtonDelAllKmlsActionPerformed(evt);
            }
```

```java
    });

    javax.swing.GroupLayout layout = new javax.swing.GroupLayout(getContentPane());
    getContentPane().setLayout(layout);
    layout.setHorizontalGroup(
        layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
        .addGroup(layout.createSequentialGroup()
            .addGap(31, 31, 31)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
            .addGroup(layout.createSequentialGroup()
                .addComponent(jLabel1)
                .addContainerGap())
            .addGroup(layout.createSequentialGroup()
                .addComponent(jScrollPane1, javax.swing.GroupLayout.PREFERRED_SIZE,
168, javax.swing.GroupLayout.PREFERRED_SIZE)
                .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED, 46,
Short.MAX_VALUE)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
                .addGroup(javax.swing.GroupLayout.Alignment.TRAILING,
layout.createSequentialGroup()
                    .addComponent(jButtonAddKMLs,
javax.swing.GroupLayout.PREFERRED_SIZE, 110,
javax.swing.GroupLayout.PREFERRED_SIZE)
                    .addGap(19, 19, 19))
                .addGroup(layout.createSequentialGroup()

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
                    .addComponent(jButtonDelKMLS,
javax.swing.GroupLayout.PREFERRED_SIZE, 110,
javax.swing.GroupLayout.PREFERRED_SIZE)
                    .addComponent(jButtonCombine,
javax.swing.GroupLayout.PREFERRED_SIZE, 110,
javax.swing.GroupLayout.PREFERRED_SIZE)
                    .addComponent(jButtonDelAllKmls,
javax.swing.GroupLayout.PREFERRED_SIZE, 110,
javax.swing.GroupLayout.PREFERRED_SIZE))
                    .addContainerGap()))))))
    );
    layout.setVerticalGroup(
        layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
        .addGroup(layout.createSequentialGroup()
            .addContainerGap()
            .addComponent(jLabel1)
            .addGap(18, 18, 18)
```

```java
                .addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
                    .addGroup(layout.createSequentialGroup()
                        .addComponent(jButtonAddKMLs,
javax.swing.GroupLayout.PREFERRED_SIZE, 60,
javax.swing.GroupLayout.PREFERRED_SIZE)
                        .addGap(18, 18, 18)
                        .addComponent(jButtonDelKMLS,
javax.swing.GroupLayout.PREFERRED_SIZE, 60,
javax.swing.GroupLayout.PREFERRED_SIZE)

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.UNRELATED)
                        .addComponent(jButtonDelAllKmls,
javax.swing.GroupLayout.PREFERRED_SIZE, 58,
javax.swing.GroupLayout.PREFERRED_SIZE)
                        .addGap(18, 18, 18)
                        .addComponent(jButtonCombine,
javax.swing.GroupLayout.PREFERRED_SIZE, 62,
javax.swing.GroupLayout.PREFERRED_SIZE))
                    .addComponent(jScrollPane1, javax.swing.GroupLayout.PREFERRED_SIZE, 285,
javax.swing.GroupLayout.PREFERRED_SIZE))
                .addContainerGap(67, Short.MAX_VALUE))
        );

        pack();
        setLocationRelativeTo(null);
    }// </editor-fold>//GEN-END:initComponents

    private void jButtonAddKMLsActionPerformed(java.awt.event.ActionEvent evt) {//GEN-
FIRST:event_jButtonAddKMLsActionPerformed
        // TODO add your handling code here:

        if (fileChooser == null) {
            fileChooser = new JFileChooser();
            fileChooser.setAcceptAllFileFilterUsed(false);
            fileChooser.setFileFilter(new FileNameExtensionFilter("KML Files", "kml"));
            fileChooser.setMultiSelectionEnabled(true);
            kmlslist = new DefaultListModel();
            jListKMLCombine.setModel(kmlslist);
        }
        int returnVal = fileChooser.showDialog(this, "select");
        if (returnVal == JFileChooser.APPROVE_OPTION) {
            java.io.File[] selected = fileChooser.getSelectedFiles();
            int size = selected.length;
            for (int i = 0; i < size; i++) {
                if (!selectedKMLs.contains(selected[i])) {
```

```java
            selectedKMLs.add(selected[i]);
            kmlslist.addElement(selected[i].getName());
          }
        }
      } else {
        System.out.println("File access cancelled by user.");
      }
      //

  }//GEN-LAST:event_jButtonAddKMLsActionPerformed

  private void jButtonDelKMLSActionPerformed(java.awt.event.ActionEvent evt) {//GEN-
FIRST:event_jButtonDelKMLSActionPerformed
      // TODO add your handling code here:

      int[] toDelindices = jListKMLCombine.getSelectedIndices();
      //    for (int a : toDelindices) {
      //      System.out.print(a + " ");
      //    }
      //   System.out.println(" ");
      int temp;
      for (int i = 0; i < toDelindices.length - 1; i++) {
        for (int j = i + 1; j < toDelindices.length; j++) {
          if (toDelindices[i] < toDelindices[j]) {
            temp = toDelindices[j];
            toDelindices[j] = toDelindices[i];
            toDelindices[i] = temp;
          }
        }
      }
      //  for (int a : toDelindices) {
      //      System.out.print(a + " ");
      //    }
      //   System.out.println(" ");
      for (int i = 0; i < toDelindices.length; i++) {
        selectedKMLs.remove(toDelindices[i]);
        kmlslist.remove(toDelindices[i]);
      }

  }//GEN-LAST:event_jButtonDelKMLSActionPerformed

  private void jButtonDelAllKmlsActionPerformed(java.awt.event.ActionEvent evt) {//GEN-
FIRST:event_jButtonDelAllKmlsActionPerformed
      // TODO add your handling code here:
      selectedKMLs = new ArrayList<>();
      kmlslist = new DefaultListModel();
```

```java
        jListKMLCombine.setModel(kmlslist);
    }//GEN-LAST:event_jButtonDelAllKmlsActionPerformed

    private void jButtonCombineActionPerformed(java.awt.event.ActionEvent evt) {//GEN-
FIRST:event_jButtonCombineActionPerformed
        // TODO add your handling code here:
        BufferedWriter writer;
        StringBuilder result = new StringBuilder();
        StringBuilder eachFile;
        FileInputStream fstream;
        BufferedReader br;
        String strLine;
        String xmlName = null;
        boolean nameFoundFlag = false;

        JFileChooser KMLoutputChooser = new JFileChooser();
        KMLoutputChooser.setAcceptAllFileFilterUsed(false);

        KMLoutputChooser.setFileFilter(new FileNameExtensionFilter("KML Files", "kml"));
        KMLoutputChooser.setMultiSelectionEnabled(true);

        int returnVal = KMLoutputChooser.showDialog(this, "save");

        if (returnVal == JFileChooser.APPROVE_OPTION) {
            java.io.File output = KMLoutputChooser.getSelectedFile();
            StringBuilder filename = new StringBuilder();
            if (!output.getName().contains(".kml")) {
                filename.append(output.getName()).append(".kml");
                output = new java.io.File(KMLoutputChooser.getSelectedFile() + ".kml");
            } else {
                filename.append(output.getName());
            }
            result.append(GenerateKML.KMLHEADER);
            result.append("<Document>\n" + "    <name>").append(filename).append("</name>\n");
            result.append(GenerateKML.KMLSTYLER);
            try {
                for (int i = 0; i < selectedKMLs.size(); i++) {
                    //eachFile = new StringBuilder();
                    fstream = new FileInputStream(selectedKMLs.get(i).getAbsolutePath());
                    br = new BufferedReader(new InputStreamReader(fstream));
                    while ((strLine = br.readLine()) != null) {
                        if (!nameFoundFlag) {
                            if (strLine.contains("        <name>")) {
                                xmlName = strLine.substring(strLine.indexOf('>') + 1,
strLine.indexOf("</name>"));
                                System.out.println(xmlName);
```

```java
                        nameFoundFlag = true;
                    }
                } else {
                    if (strLine.contains("<Folder>")) {
                        result.append("          <Folder>\n");
                        while (!(strLine = br.readLine()).contains("</Document>")) {
                            result.append("          ").append(strLine).append("\n");
                        }
                        nameFoundFlag = false;
                        break;
                    }
                }
            }
            br.close();
        }
        result.append("</Document>\n"
                + "</kml>");
        writer = new BufferedWriter(new FileWriter(output));
        writer.write(result.toString());
        writer.close();
    } catch (IOException ex) {
        Logger.getLogger(CombineKML.class.getName()).log(Level.SEVERE, null, ex);
    }

    //  System.out.println(result.toString());
} else {
    System.out.println("Output cancelled by user.");

}
this.setVisible(false);
this.dispatchEvent(new WindowEvent(
        this, WindowEvent.WINDOW_CLOSING));
}//GEN-LAST:event_jButtonCombineActionPerformed

/**
 * @param args the command line arguments
 */
public static void main(String args[]) {
    /* Set the Nimbus look and feel */
    //<editor-fold defaultstate="collapsed" desc=" Look and feel setting code (optional) ">
    /* If Nimbus (introduced in Java SE 6) is not available, stay with the default look and feel.
     * For details see http://download.oracle.com/javase/tutorial/uiswing/lookandfeel/plaf.html
     */
    try {
        for (javax.swing.UIManager.LookAndFeelInfo info :
javax.swing.UIManager.getInstalledLookAndFeels()) {
```

```java
            if ("Nimbus".equals(info.getName())) {
                javax.swing.UIManager.setLookAndFeel(info.getClassName());
                break;
            }
        }
    } catch (ClassNotFoundException ex) {

java.util.logging.Logger.getLogger(CombineKML.class.getName()).log(java.util.logging.Level.
SEVERE, null, ex);
    } catch (InstantiationException ex) {

java.util.logging.Logger.getLogger(CombineKML.class.getName()).log(java.util.logging.Level.
SEVERE, null, ex);
    } catch (IllegalAccessException ex) {

java.util.logging.Logger.getLogger(CombineKML.class.getName()).log(java.util.logging.Level.
SEVERE, null, ex);
    } catch (javax.swing.UnsupportedLookAndFeelException ex) {

java.util.logging.Logger.getLogger(CombineKML.class.getName()).log(java.util.logging.Level.
SEVERE, null, ex);
    }
    //</editor-fold>

    /* Create and display the dialog */
    java.awt.EventQueue.invokeLater(new Runnable() {
        public void run() {
            CombineKML dialog = new CombineKML(new javax.swing.JFrame(), true);
            dialog.addWindowListener(new java.awt.event.WindowAdapter() {
                @Override
                public void windowClosing(java.awt.event.WindowEvent e) {
                    System.exit(0);
                }
            });
            dialog.setVisible(true);
        }
    });
}

// Variables declaration - do not modify//GEN-BEGIN:variables
private javax.swing.JButton jButtonAddKMLs;
private javax.swing.JButton jButtonCombine;
private javax.swing.JButton jButtonDelAllKmls;
private javax.swing.JButton jButtonDelKMLS;
private javax.swing.JLabel jLabel1;
private javax.swing.JList jListKMLCombine;
```

```java
    private javax.swing.JScrollPane jScrollPane1;
    // End of variables declaration//GEN-END:variables
}
```

ConfigureGD.form

```xml
<?xml version="1.0" encoding="UTF-8" ?>

<Form version="1.3" maxVersion="1.9"
type="org.netbeans.modules.form.forminfo.JDialogFormInfo">
  <Properties>
    <Property name="defaultCloseOperation" type="int" value="2"/>
  </Properties>
  <SyntheticProperties>
    <SyntheticProperty name="formSizePolicy" type="int" value="1"/>
    <SyntheticProperty name="generateCenter" type="boolean" value="true"/>
  </SyntheticProperties>
  <AuxValues>
    <AuxValue name="FormSettings_autoResourcing" type="java.lang.Integer" value="0"/>
    <AuxValue name="FormSettings_autoSetComponentName" type="java.lang.Boolean"
value="false"/>
    <AuxValue name="FormSettings_generateFQN" type="java.lang.Boolean" value="true"/>
    <AuxValue name="FormSettings_generateMnemonicsCode" type="java.lang.Boolean"
value="false"/>
    <AuxValue name="FormSettings_i18nAutoMode" type="java.lang.Boolean" value="false"/>
    <AuxValue name="FormSettings_layoutCodeTarget" type="java.lang.Integer" value="1"/>
    <AuxValue name="FormSettings_listenerGenerationStyle" type="java.lang.Integer"
value="0"/>
    <AuxValue name="FormSettings_variablesLocal" type="java.lang.Boolean" value="false"/>
    <AuxValue name="FormSettings_variablesModifier" type="java.lang.Integer" value="2"/>
  </AuxValues>

  <Layout>
    <DimensionLayout dim="0">
      <Group type="103" groupAlignment="0" attributes="0">
        <Group type="102" attributes="0">
          <EmptySpace max="-2" attributes="0"/>
          <Group type="103" groupAlignment="0" attributes="0">
            <Group type="102" alignment="1" attributes="0">
              <EmptySpace min="0" pref="0" max="32767" attributes="0"/>
              <Group type="103" groupAlignment="0" max="-2" attributes="0">
                <Component id="TextFieldRequestUrl" pref="543" max="32767"
attributes="0"/>
                <Component id="TextfieldAuthCode" max="32767" attributes="0"/>
                <Component id="jButton1" alignment="0" min="-2" pref="115" max="-2"
attributes="0"/>
              </Group>
            </Group>
            <Group type="102" attributes="0">
              <Group type="103" groupAlignment="0" attributes="0">
```

```xml
            <Component id="jLabel1" min="-2" pref="226" max="-2" attributes="0"/>
            <Component id="jLabel2" alignment="0" min="-2" max="-2" attributes="0"/>
          </Group>
          <EmptySpace min="0" pref="414" max="32767" attributes="0"/>
        </Group>
      </Group>
      <EmptySpace max="-2" attributes="0"/>
    </Group>
  </Group>
</DimensionLayout>
<DimensionLayout dim="1">
  <Group type="103" groupAlignment="0" attributes="0">
    <Group type="102" alignment="0" attributes="0">
      <EmptySpace max="-2" attributes="0"/>
      <Component id="jLabel1" min="-2" pref="31" max="-2" attributes="0"/>
      <EmptySpace type="unrelated" max="-2" attributes="0"/>
      <Component id="TextFieldRequestUrl" min="-2" pref="44" max="-2" attributes="0"/>
      <EmptySpace min="-2" pref="35" max="-2" attributes="0"/>
      <Component id="jLabel2" min="-2" max="-2" attributes="0"/>
      <EmptySpace min="-2" pref="23" max="-2" attributes="0"/>
      <Component id="TextfieldAuthCode" min="-2" pref="49" max="-2" attributes="0"/>
      <EmptySpace pref="75" max="32767" attributes="0"/>
      <Component id="jButton1" min="-2" pref="51" max="-2" attributes="0"/>
      <EmptySpace min="-2" pref="44" max="-2" attributes="0"/>
    </Group>
  </Group>
</DimensionLayout>
</Layout>
<SubComponents>
  <Component class="javax.swing.JTextField" name="TextFieldRequestUrl">
    <Properties>
      <Property name="font" type="java.awt.Font"
editor="org.netbeans.beaninfo.editors.FontEditor">
        <Font name="Tahoma" size="14" style="0"/>
      </Property>
      <Property name="text" type="java.lang.String" value="none"/>
    </Properties>
    <Events>
      <EventHandler event="focusGained" listener="java.awt.event.FocusListener"
parameters="java.awt.event.FocusEvent" handler="TextFieldRequestUrlFocusGained"/>
    </Events>
    <AuxValues>
      <AuxValue name="JavaCodeGenerator_VariableModifier" type="java.lang.Integer"
value="1"/>
    </AuxValues>
  </Component>
```

```xml
    <Component class="javax.swing.JLabel" name="jLabel1">
      <Properties>
        <Property name="font" type="java.awt.Font"
editor="org.netbeans.beaninfo.editors.FontEditor">
          <Font name="Tahoma" size="14" style="0"/>
        </Property>
        <Property name="text" type="java.lang.String" value="Open this in your browser to
auth"/>
      </Properties>
    </Component>
    <Component class="javax.swing.JTextField" name="TextfieldAuthCode">
      <Properties>
        <Property name="font" type="java.awt.Font"
editor="org.netbeans.beaninfo.editors.FontEditor">
          <Font name="Tahoma" size="14" style="0"/>
        </Property>
      </Properties>
    </Component>
    <Component class="javax.swing.JButton" name="jButton1">
      <Properties>
        <Property name="text" type="java.lang.String" value="Done"/>
      </Properties>
      <Events>
        <EventHandler event="actionPerformed" listener="java.awt.event.ActionListener"
parameters="java.awt.event.ActionEvent" handler="jButton1ActionPerformed"/>
      </Events>
    </Component>
    <Component class="javax.swing.JLabel" name="jLabel2">
      <Properties>
        <Property name="font" type="java.awt.Font"
editor="org.netbeans.beaninfo.editors.FontEditor">
          <Font name="Tahoma" size="14" style="0"/>
        </Property>
        <Property name="text" type="java.lang.String" value="Paste the code here"/>
      </Properties>
    </Component>
  </SubComponents>
</Form>
```

ConfigureGD.java

```java
import com.google.api.client.googleapis.auth.oauth2.GoogleAuthorizationCodeFlow;
import com.google.api.client.googleapis.auth.oauth2.GoogleCredential;
import com.google.api.client.googleapis.auth.oauth2.GoogleTokenResponse;
import com.google.api.client.http.HttpTransport;
```

```java
import com.google.api.client.http.javanet.NetHttpTransport;
import com.google.api.client.json.JsonFactory;
import com.google.api.client.json.jackson2.JacksonFactory;
import com.google.api.services.drive.Drive;
import com.google.api.services.drive.DriveScopes;
import java.awt.event.WindowEvent;
import java.io.IOException;
import java.util.Arrays;
import java.util.logging.Level;
import java.util.logging.Logger;

/*
 * To change this license header, choose License Headers in Project Properties.
 * To change this template file, choose Tools | Templates
 * and open the template in the editor.
 */
/**
 *
 * @author Tim
 */
public class ConfigureGD extends javax.swing.JDialog {

    private static String CLIENT_ID = "746571760506.apps.googleusercontent.com";
    private static String CLIENT_SECRET = "PEV7Q8JYWk7D4NIOWcIizcal";

    private static String REDIRECT_URI = "urn:ietf:wg:oauth:2.0:oob";

    GoogleAuthorizationCodeFlow flow;
    HttpTransport httpTransport;
    JsonFactory jsonFactory;
    public Drive service;

    /**
     * Creates new form ConfigureGD
     */
    public ConfigureGD(java.awt.Frame parent, boolean modal) {
        super(parent, modal);
        initComponents();

        httpTransport = new NetHttpTransport();
        jsonFactory = new JacksonFactory();

        flow = new GoogleAuthorizationCodeFlow.Builder(
                httpTransport, jsonFactory, CLIENT_ID, CLIENT_SECRET,
Arrays.asList(DriveScopes.DRIVE))
                .setAccessType("online")
```

```java
            .setApprovalPrompt("auto").build();

        String url = flow.newAuthorizationUrl().setRedirectUri(REDIRECT_URI).build();
        TextFieldRequestUrl.setText(url);

    }

    /**
     * This method is called from within the constructor to initialize the form.
     * WARNING: Do NOT modify this code. The content of this method is always
     * regenerated by the Form Editor.
     */
    @SuppressWarnings("unchecked")
    // <editor-fold defaultstate="collapsed" desc="Generated Code">//GEN-
BEGIN:initComponents
    private void initComponents() {

        TextFieldRequestUrl = new javax.swing.JTextField();
        jLabel1 = new javax.swing.JLabel();
        TextfieldAuthCode = new javax.swing.JTextField();
        jButton1 = new javax.swing.JButton();
        jLabel2 = new javax.swing.JLabel();

        setDefaultCloseOperation(javax.swing.WindowConstants.DISPOSE_ON_CLOSE);

        TextFieldRequestUrl.setFont(new java.awt.Font("Tahoma", 0, 14)); // NOI18N
        TextFieldRequestUrl.setText("none");
        TextFieldRequestUrl.addFocusListener(new java.awt.event.FocusAdapter() {
            public void focusGained(java.awt.event.FocusEvent evt) {
                TextFieldRequestUrlFocusGained(evt);
            }
        });

        jLabel1.setFont(new java.awt.Font("Tahoma", 0, 14)); // NOI18N
        jLabel1.setText("Open this in your browser to auth");

        TextfieldAuthCode.setFont(new java.awt.Font("Tahoma", 0, 14)); // NOI18N

        jButton1.setText("Done");
        jButton1.addActionListener(new java.awt.event.ActionListener() {
            public void actionPerformed(java.awt.event.ActionEvent evt) {
                jButton1ActionPerformed(evt);
            }
        });

        jLabel2.setFont(new java.awt.Font("Tahoma", 0, 14)); // NOI18N
```

```
    jLabel2.setText("Paste the code here");

    javax.swing.GroupLayout layout = new javax.swing.GroupLayout(getContentPane());
    getContentPane().setLayout(layout);
    layout.setHorizontalGroup(
        layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
        .addGroup(layout.createSequentialGroup()
            .addContainerGap()

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
            .addGroup(javax.swing.GroupLayout.Alignment.TRAILING,
layout.createSequentialGroup()
                .addGap(0, 0, Short.MAX_VALUE)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING, false)
                .addComponent(TextFieldRequestUrl,
javax.swing.GroupLayout.DEFAULT_SIZE, 543, Short.MAX_VALUE)
                .addComponent(TextfieldAuthCode)
                .addComponent(jButton1, javax.swing.GroupLayout.PREFERRED_SIZE, 115,
javax.swing.GroupLayout.PREFERRED_SIZE)))
            .addGroup(layout.createSequentialGroup()

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
                .addComponent(jLabel1, javax.swing.GroupLayout.PREFERRED_SIZE, 226,
javax.swing.GroupLayout.PREFERRED_SIZE)
                .addComponent(jLabel2))
            .addGap(0, 414, Short.MAX_VALUE)))
        .addContainerGap())
    );
    layout.setVerticalGroup(
        layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
        .addGroup(layout.createSequentialGroup()
            .addContainerGap()
            .addComponent(jLabel1, javax.swing.GroupLayout.PREFERRED_SIZE, 31,
javax.swing.GroupLayout.PREFERRED_SIZE)
            .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.UNRELATED)
            .addComponent(TextFieldRequestUrl, javax.swing.GroupLayout.PREFERRED_SIZE,
44, javax.swing.GroupLayout.PREFERRED_SIZE)
            .addGap(35, 35, 35)
            .addComponent(jLabel2)
            .addGap(23, 23, 23)
            .addComponent(TextfieldAuthCode, javax.swing.GroupLayout.PREFERRED_SIZE,
49, javax.swing.GroupLayout.PREFERRED_SIZE)
            .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED, 75,
Short.MAX_VALUE)
```

```java
                .addComponent(jButton1, javax.swing.GroupLayout.PREFERRED_SIZE, 51,
javax.swing.GroupLayout.PREFERRED_SIZE)
                .addGap(44, 44, 44))
        );

        pack();
        setLocationRelativeTo(null);
    }// </editor-fold>//GEN-END:initComponents

    private void TextFieldRequestUrlFocusGained(java.awt.event.FocusEvent evt) {//GEN-
FIRST:event_TextFieldRequestUrlFocusGained
        // TODO add your handling code here:
        TextFieldRequestUrl.selectAll();
    }//GEN-LAST:event_TextFieldRequestUrlFocusGained

    private void jButton1ActionPerformed(java.awt.event.ActionEvent evt) {//GEN-
FIRST:event_jButton1ActionPerformed
        // TODO add your handling code here:
        String code = TextfieldAuthCode.getText();
        GoogleTokenResponse response = null;
        GoogleCredential credential;
        try {
            response = flow.newTokenRequest(code).setRedirectUri(REDIRECT_URI).execute();

        } catch (IOException ex) {
            Logger.getLogger(ConfigureGD.class.getName()).log(Level.SEVERE, null, ex);
        }
        credential = new GoogleCredential().setFromTokenResponse(response);
        service = new Drive.Builder(httpTransport, jsonFactory, credential).build();
        this.setVisible(false);
        this.dispatchEvent(new WindowEvent(
            this, WindowEvent.WINDOW_CLOSING));
    }//GEN-LAST:event_jButton1ActionPerformed

    /**
     * @param args the command line arguments
     */
    public static void main(String args[]) {
        /* Set the Nimbus look and feel */
        //<editor-fold defaultstate="collapsed" desc=" Look and feel setting code (optional) ">
        /* If Nimbus (introduced in Java SE 6) is not available, stay with the default look and feel.
         * For details see http://download.oracle.com/javase/tutorial/uiswing/lookandfeel/plaf.html
         */
        try {
            for (javax.swing.UIManager.LookAndFeelInfo info :
javax.swing.UIManager.getInstalledLookAndFeels()) {
```

```java
            if ("Nimbus".equals(info.getName())) {
                javax.swing.UIManager.setLookAndFeel(info.getClassName());
                break;
            }
        }
    } catch (ClassNotFoundException ex) {

java.util.logging.Logger.getLogger(ConfigureGD.class.getName()).log(java.util.logging.Level.S
EVERE, null, ex);
    } catch (InstantiationException ex) {

java.util.logging.Logger.getLogger(ConfigureGD.class.getName()).log(java.util.logging.Level.S
EVERE, null, ex);
    } catch (IllegalAccessException ex) {

java.util.logging.Logger.getLogger(ConfigureGD.class.getName()).log(java.util.logging.Level.S
EVERE, null, ex);
    } catch (javax.swing.UnsupportedLookAndFeelException ex) {

java.util.logging.Logger.getLogger(ConfigureGD.class.getName()).log(java.util.logging.Level.S
EVERE, null, ex);
    }
    //</editor-fold>

    /* Create and display the dialog */
    java.awt.EventQueue.invokeLater(new Runnable() {
        public void run() {
            ConfigureGD dialog = new ConfigureGD(new javax.swing.JFrame(), true);
            dialog.addWindowListener(new java.awt.event.WindowAdapter() {
                @Override
                public void windowClosing(java.awt.event.WindowEvent e) {
                    System.exit(0);
                }
            });
            dialog.setVisible(true);
        }
    });
}

// Variables declaration - do not modify//GEN-BEGIN:variables
public javax.swing.JTextField TextFieldRequestUrl;
private javax.swing.JTextField TextfieldAuthCode;
private javax.swing.JButton jButton1;
private javax.swing.JLabel jLabel1;
private javax.swing.JLabel jLabel2;
// End of variables declaration//GEN-END:variables
```

}

```xml
<?xml version="1.0" encoding="UTF-8" ?>

<Form version="1.3" maxVersion="1.9"
type="org.netbeans.modules.form.forminfo.JDialogFormInfo">
  <Properties>
    <Property name="defaultCloseOperation" type="int" value="2"/>
  </Properties>
  <SyntheticProperties>
    <SyntheticProperty name="formSizePolicy" type="int" value="1"/>
    <SyntheticProperty name="generateCenter" type="boolean" value="true"/>
  </SyntheticProperties>
  <AuxValues>
    <AuxValue name="FormSettings_autoResourcing" type="java.lang.Integer" value="0"/>
    <AuxValue name="FormSettings_autoSetComponentName" type="java.lang.Boolean"
value="false"/>
    <AuxValue name="FormSettings_generateFQN" type="java.lang.Boolean" value="true"/>
    <AuxValue name="FormSettings_generateMnemonicsCode" type="java.lang.Boolean"
value="false"/>
    <AuxValue name="FormSettings_i18nAutoMode" type="java.lang.Boolean" value="false"/>
    <AuxValue name="FormSettings_layoutCodeTarget" type="java.lang.Integer" value="1"/>
    <AuxValue name="FormSettings_listenerGenerationStyle" type="java.lang.Integer"
value="0"/>
    <AuxValue name="FormSettings_variablesLocal" type="java.lang.Boolean" value="false"/>
    <AuxValue name="FormSettings_variablesModifier" type="java.lang.Integer" value="2"/>
  </AuxValues>

  <Layout>
    <DimensionLayout dim="0">
      <Group type="103" groupAlignment="0" attributes="0">
        <Group type="102" attributes="0">
          <EmptySpace max="-2" attributes="0"/>
          <Group type="103" groupAlignment="0" attributes="0">
            <Group type="102" attributes="0">
              <Component id="jLabel1" min="-2" max="-2" attributes="0"/>
              <EmptySpace min="-2" max="-2" attributes="0"/>
              <Component id="jLabelCurrentFolderName" min="-2" pref="128" max="-2"
attributes="0"/>
              <EmptySpace type="unrelated" max="-2" attributes="0"/>
              <Component id="jLabel2" min="-2" pref="244" max="-2" attributes="0"/>
              <EmptySpace min="0" pref="0" max="32767" attributes="0"/>
            </Group>
            <Group type="102" attributes="0">
              <Component id="jScrollPane1" min="-2" pref="181" max="-2" attributes="0"/>
              <EmptySpace type="unrelated" max="-2" attributes="0"/>
```

```xml
                    <Component id="jScrollPane3" min="-2" pref="335" max="-2" attributes="0"/>
                    <EmptySpace pref="12" max="32767" attributes="0"/>
                    <Component id="jPanel1" min="-2" max="-2" attributes="0"/>
                </Group>
            </Group>
            <EmptySpace max="-2" attributes="0"/>
        </Group>
    </Group>
</DimensionLayout>
<DimensionLayout dim="1">
    <Group type="103" groupAlignment="0" attributes="0">
        <Group type="102" attributes="0">
            <Group type="103" groupAlignment="3" attributes="0">
                <Component id="jLabel1" alignment="3" min="-2" pref="25" max="-2"
attributes="0"/>
                <Component id="jLabelCurrentFolderName" alignment="3" min="-2" max="-2"
attributes="0"/>
                <Component id="jLabel2" alignment="3" min="-2" max="-2" attributes="0"/>
            </Group>
            <EmptySpace max="-2" attributes="0"/>
            <Group type="103" groupAlignment="0" max="-2" attributes="0">
                <Component id="jPanel1" max="32767" attributes="0"/>
                <Component id="jScrollPane1" alignment="0" pref="427" max="32767"
attributes="0"/>
                <Component id="jScrollPane3" alignment="0" max="32767" attributes="0"/>
            </Group>
            <EmptySpace max="32767" attributes="0"/>
        </Group>
    </Group>
</DimensionLayout>
</Layout>
<SubComponents>
    <Container class="javax.swing.JScrollPane" name="jScrollPane1">
        <AuxValues>
            <AuxValue name="autoScrollPane" type="java.lang.Boolean" value="true"/>
        </AuxValues>

        <Layout
class="org.netbeans.modules.form.compat2.layouts.support.JScrollPaneSupportLayout"/>
        <SubComponents>
            <Component class="javax.swing.JList" name="ListpictureNames">
            </Component>
        </SubComponents>
    </Container>
    <Component class="javax.swing.JLabel" name="jLabel1">
        <Properties>
```

```xml
      <Property name="font" type="java.awt.Font"
editor="org.netbeans.beaninfo.editors.FontEditor">
        <Font name="Tahoma" size="14" style="0"/>
      </Property>
      <Property name="text" type="java.lang.String" value="Pictures in "/>
    </Properties>
  </Component>
  <Component class="javax.swing.JLabel" name="jLabelCurrentFolderName">
    <Properties>
      <Property name="font" type="java.awt.Font"
editor="org.netbeans.beaninfo.editors.FontEditor">
        <Font name="Tahoma" size="14" style="0"/>
      </Property>
      <Property name="text" type="java.lang.String" value="."/>
    </Properties>
  </Component>
  <Component class="javax.swing.JLabel" name="jLabel2">
    <Properties>
      <Property name="font" type="java.awt.Font"
editor="org.netbeans.beaninfo.editors.FontEditor">
        <Font name="Tahoma" size="14" style="0"/>
      </Property>
      <Property name="text" type="java.lang.String" value="Longitude, Latitude, Altitude Pic,
Color"/>
    </Properties>
  </Component>
  <Container class="javax.swing.JScrollPane" name="jScrollPane3">
    <AuxValues>
      <AuxValue name="autoScrollPane" type="java.lang.Boolean" value="true"/>
    </AuxValues>

    <Layout
class="org.netbeans.modules.form.compat2.layouts.support.JScrollPaneSupportLayout"/>
    <SubComponents>
      <Component class="javax.swing.JList" name="jListGPS">
        <Properties>
          <Property name="model" type="javax.swing.ListModel"
editor="org.netbeans.modules.form.editors2.ListModelEditor">
            <StringArray count="0"/>
          </Property>
        </Properties>
        <Events>
          <EventHandler event="valueChanged"
listener="javax.swing.event.ListSelectionListener"
parameters="javax.swing.event.ListSelectionEvent" handler="jListGPSValueChanged"/>
        </Events>
```

```
          </Component>
        </SubComponents>
      </Container>
      <Container class="javax.swing.JPanel" name="jPanel1">
        <Properties>
          <Property name="border" type="javax.swing.border.Border"
editor="org.netbeans.modules.form.editors2.BorderEditor">
            <Border info="org.netbeans.modules.form.compat2.border.LineBorderInfo">
             <LineBorder roundedCorners="true"/>
            </Border>
          </Property>
        </Properties>

        <Layout>
          <DimensionLayout dim="0">
           <Group type="103" groupAlignment="0" attributes="0">
              <Group type="102" alignment="0" attributes="0">
                <EmptySpace min="-2" pref="15" max="-2" attributes="0"/>
                <Group type="103" groupAlignment="0" max="-2" attributes="0">
                  <Component id="jButtonImportGPS" alignment="0" pref="177" max="32767"
attributes="0"/>
                  <Component id="jButtonDoneConfigPath" alignment="0" max="32767"
attributes="0"/>
                </Group>
                <EmptySpace max="32767" attributes="0"/>
              </Group>
              <Group type="102" alignment="1" attributes="0">
                <EmptySpace pref="12" max="32767" attributes="0"/>
                <Group type="103" groupAlignment="0" attributes="0">
                  <Component id="jRadioButtonG" min="-2" max="-2" attributes="0"/>
                  <Component id="jRadioButtonR" alignment="0" min="-2" max="-2"
attributes="0"/>
                  <Component id="jRadioButtonY" alignment="0" min="-2" max="-2"
attributes="0"/>
                  <Component id="jLabel3" min="-2" max="-2" attributes="0"/>
                </Group>
                <EmptySpace max="-2" attributes="0"/>
              </Group>
            </Group>
          </DimensionLayout>
          <DimensionLayout dim="1">
           <Group type="103" groupAlignment="0" attributes="0">
              <Group type="102" alignment="0" attributes="0">
                <EmptySpace max="-2" attributes="0"/>
                <Component id="jLabel3" min="-2" max="-2" attributes="0"/>
                <EmptySpace type="separate" max="-2" attributes="0"/>
```

```xml
                <Component id="jRadioButtonG" min="-2" max="-2" attributes="0"/>
                <EmptySpace type="unrelated" min="-2" max="-2" attributes="0"/>
                <Component id="jRadioButtonY" min="-2" max="-2" attributes="0"/>
                <EmptySpace type="unrelated" max="-2" attributes="0"/>
                <Component id="jRadioButtonR" min="-2" max="-2" attributes="0"/>
                <EmptySpace pref="113" max="32767" attributes="0"/>
                <Component id="jButtonImportGPS" min="-2" pref="74" max="-2" attributes="0"/>
                <EmptySpace type="separate" max="-2" attributes="0"/>
                <Component id="jButtonDoneConfigPath" min="-2" pref="77" max="-2"
attributes="0"/>
                <EmptySpace min="-2" pref="22" max="-2" attributes="0"/>
          </Group>
        </Group>
      </DimensionLayout>
    </Layout>
    <SubComponents>
      <Component class="javax.swing.JRadioButton" name="jRadioButtonG">
        <Properties>
          <Property name="font" type="java.awt.Font"
editor="org.netbeans.beaninfo.editors.FontEditor">
            <Font name="Tahoma" size="12" style="0"/>
          </Property>
          <Property name="text" type="java.lang.String" value="Green (good spot)"/>
        </Properties>
        <Events>
          <EventHandler event="actionPerformed" listener="java.awt.event.ActionListener"
parameters="java.awt.event.ActionEvent" handler="jRadioButtonGActionPerformed"/>
        </Events>
      </Component>
      <Component class="javax.swing.JRadioButton" name="jRadioButtonY">
        <Properties>
          <Property name="font" type="java.awt.Font"
editor="org.netbeans.beaninfo.editors.FontEditor">
            <Font name="Tahoma" size="12" style="0"/>
          </Property>
          <Property name="text" type="java.lang.String" value="Yellow"/>
        </Properties>
        <Events>
          <EventHandler event="actionPerformed" listener="java.awt.event.ActionListener"
parameters="java.awt.event.ActionEvent" handler="jRadioButtonGActionPerformed"/>
        </Events>
      </Component>
      <Component class="javax.swing.JRadioButton" name="jRadioButtonR">
        <Properties>
          <Property name="font" type="java.awt.Font"
editor="org.netbeans.beaninfo.editors.FontEditor">
```

```xml
          <Font name="Tahoma" size="12" style="0"/>
        </Property>
        <Property name="text" type="java.lang.String" value="Red (rough spot)"/>
      </Properties>
      <Events>
        <EventHandler event="actionPerformed" listener="java.awt.event.ActionListener"
parameters="java.awt.event.ActionEvent" handler="jRadioButtonGActionPerformed"/>
      </Events>
    </Component>
    <Component class="javax.swing.JButton" name="jButtonImportGPS">
      <Properties>
        <Property name="font" type="java.awt.Font"
editor="org.netbeans.beaninfo.editors.FontEditor">
          <Font name="Tahoma" size="14" style="0"/>
        </Property>
        <Property name="text" type="java.lang.String" value="import GPS file"/>
      </Properties>
      <Events>
        <EventHandler event="actionPerformed" listener="java.awt.event.ActionListener"
parameters="java.awt.event.ActionEvent" handler="jButtonImportGPSActionPerformed"/>
      </Events>
    </Component>
    <Component class="javax.swing.JButton" name="jButtonDoneConfigPath">
      <Properties>
        <Property name="font" type="java.awt.Font"
editor="org.netbeans.beaninfo.editors.FontEditor">
          <Font name="Tahoma" size="14" style="0"/>
        </Property>
        <Property name="text" type="java.lang.String" value="Done"/>
      </Properties>
      <Events>
        <EventHandler event="actionPerformed" listener="java.awt.event.ActionListener"
parameters="java.awt.event.ActionEvent" handler="jButtonDoneConfigPathActionPerformed"/>
      </Events>
    </Component>
    <Component class="javax.swing.JLabel" name="jLabel3">
      <Properties>
        <Property name="font" type="java.awt.Font"
editor="org.netbeans.beaninfo.editors.FontEditor">
          <Font name="Tahoma" size="14" style="0"/>
        </Property>
        <Property name="text" type="java.lang.String" value="Set Pin Color(default is green)"/>
      </Properties>
    </Component>
  </SubComponents>
</Container>
```

```
      </SubComponents>
   </Form>
```

ConfigurePath.java

```java
import com.google.api.services.drive.model.File;
import java.awt.event.WindowEvent;
import java.io.BufferedReader;
import java.io.FileInputStream;

import java.io.IOException;
import java.io.InputStreamReader;
import java.util.ArrayList;
import java.util.List;
import java.util.logging.Level;
import java.util.logging.Logger;
import javax.swing.DefaultListModel;
import javax.swing.JFileChooser;
import javax.swing.filechooser.FileNameExtensionFilter;



/*
 * To change this license header, choose License Headers in Project Properties.
 * To change this template file, choose Tools | Templates
 * and open the template in the editor.
 */
/**
 *
 * @author Tim
 */
public class ConfigurePath extends javax.swing.JDialog {

    DefaultListModel picturelistModel;
    java.awt.Frame parentFrame = null;
    List<File> Pictures = null;
    JFileChooser fileChooser = null;
    public ArrayList<String> GPSPoints;
    DefaultListModel GPSListModel;
    public List<String> GPSPinColorURL;

    /**
     * Creates new form configurePath
     */
    public ConfigurePath(java.awt.Frame parent, boolean modal) {
        super(parent, modal);
        initComponents();
        parentFrame = parent;
        Pictures = ((mainWindow) parentFrame).configureFolderwindow.AllFilesinFolder;
```

```java
    }

    /**
     * This method is called from within the constructor to initialize the form.
     * WARNING: Do NOT modify this code. The content of this method is always
     * regenerated by the Form Editor.
     */
    @SuppressWarnings("unchecked")
    // <editor-fold defaultstate="collapsed" desc="Generated Code">//GEN-
BEGIN:initComponents
    private void initComponents() {

        jScrollPane1 = new javax.swing.JScrollPane();
        ListpictureNames = new javax.swing.JList();
        jLabel1 = new javax.swing.JLabel();
        jLabelCurrentFolderName = new javax.swing.JLabel();
        jLabel2 = new javax.swing.JLabel();
        jScrollPane3 = new javax.swing.JScrollPane();
        jListGPS = new javax.swing.JList();
        jPanel1 = new javax.swing.JPanel();
        jRadioButtonG = new javax.swing.JRadioButton();
        jRadioButtonY = new javax.swing.JRadioButton();
        jRadioButtonR = new javax.swing.JRadioButton();
        jButtonImportGPS = new javax.swing.JButton();
        jButtonDoneConfigPath = new javax.swing.JButton();
        jLabel3 = new javax.swing.JLabel();

        setDefaultCloseOperation(javax.swing.WindowConstants.DISPOSE_ON_CLOSE);

        jScrollPane1.setViewportView(ListpictureNames);

        jLabel1.setFont(new java.awt.Font("Tahoma", 0, 14)); // NOI18N
        jLabel1.setText("Pictures in ");

        jLabelCurrentFolderName.setFont(new java.awt.Font("Tahoma", 0, 14)); // NOI18N
        jLabelCurrentFolderName.setText(".");

        jLabel2.setFont(new java.awt.Font("Tahoma", 0, 14)); // NOI18N
        jLabel2.setText("Longitude, Latitude, Altitude Pic, Color");

        jListGPS.addListSelectionListener(new javax.swing.event.ListSelectionListener() {
            public void valueChanged(javax.swing.event.ListSelectionEvent evt) {
                jListGPSValueChanged(evt);
            }
        });
```

```java
jScrollPane3.setViewportView(jListGPS);

jPanel1.setBorder(new javax.swing.border.LineBorder(new java.awt.Color(0, 0, 0), 1,
true));

jRadioButtonG.setFont(new java.awt.Font("Tahoma", 0, 12)); // NOI18N
jRadioButtonG.setText("Green (good spot)");
jRadioButtonG.addActionListener(new java.awt.event.ActionListener() {
   public void actionPerformed(java.awt.event.ActionEvent evt) {
      jRadioButtonGActionPerformed(evt);
   }
});

jRadioButtonY.setFont(new java.awt.Font("Tahoma", 0, 12)); // NOI18N
jRadioButtonY.setText("Yellow");
jRadioButtonY.addActionListener(new java.awt.event.ActionListener() {
   public void actionPerformed(java.awt.event.ActionEvent evt) {
      jRadioButtonGActionPerformed(evt);
   }
});

jRadioButtonR.setFont(new java.awt.Font("Tahoma", 0, 12)); // NOI18N
jRadioButtonR.setText("Red (rough spot)");
jRadioButtonR.addActionListener(new java.awt.event.ActionListener() {
   public void actionPerformed(java.awt.event.ActionEvent evt) {
      jRadioButtonGActionPerformed(evt);
   }
});

jButtonImportGPS.setFont(new java.awt.Font("Tahoma", 0, 14)); // NOI18N
jButtonImportGPS.setText("import GPS file");
jButtonImportGPS.addActionListener(new java.awt.event.ActionListener() {
   public void actionPerformed(java.awt.event.ActionEvent evt) {
      jButtonImportGPSActionPerformed(evt);
   }
});

jButtonDoneConfigPath.setFont(new java.awt.Font("Tahoma", 0, 14)); // NOI18N
jButtonDoneConfigPath.setText("Done");
jButtonDoneConfigPath.addActionListener(new java.awt.event.ActionListener() {
   public void actionPerformed(java.awt.event.ActionEvent evt) {
      jButtonDoneConfigPathActionPerformed(evt);
   }
});

jLabel3.setFont(new java.awt.Font("Tahoma", 0, 14)); // NOI18N
```

```java
        jLabel3.setText("Set Pin Color(default is green)");

        javax.swing.GroupLayout jPanel1Layout = new javax.swing.GroupLayout(jPanel1);
        jPanel1.setLayout(jPanel1Layout);
        jPanel1Layout.setHorizontalGroup(
            jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
            .addGroup(jPanel1Layout.createSequentialGroup()
                .addGap(15, 15, 15)

.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING,
false)
                    .addComponent(jButtonImportGPS, javax.swing.GroupLayout.DEFAULT_SIZE,
177, Short.MAX_VALUE)
                    .addComponent(jButtonDoneConfigPath,
javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.DEFAULT_SIZE,
Short.MAX_VALUE))
                    .addContainerGap(javax.swing.GroupLayout.DEFAULT_SIZE,
Short.MAX_VALUE))
                .addGroup(javax.swing.GroupLayout.Alignment.TRAILING,
jPanel1Layout.createSequentialGroup()
                    .addContainerGap(12, Short.MAX_VALUE)

.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
                    .addComponent(jRadioButtonG)
                    .addComponent(jRadioButtonR)
                    .addComponent(jRadioButtonY)
                    .addComponent(jLabel3))
                .addContainerGap())
        );
        jPanel1Layout.setVerticalGroup(
            jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
            .addGroup(jPanel1Layout.createSequentialGroup()
                .addContainerGap()
                .addComponent(jLabel3)
                .addGap(18, 18, 18)
                .addComponent(jRadioButtonG)
                .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.UNRELATED)
                .addComponent(jRadioButtonY)
                .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.UNRELATED)
                .addComponent(jRadioButtonR)
                .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED, 113,
Short.MAX_VALUE)
                .addComponent(jButtonImportGPS, javax.swing.GroupLayout.PREFERRED_SIZE,
74, javax.swing.GroupLayout.PREFERRED_SIZE)
                .addGap(18, 18, 18)
```

```
            .addComponent(jButtonDoneConfigPath,
javax.swing.GroupLayout.PREFERRED_SIZE, 77,
javax.swing.GroupLayout.PREFERRED_SIZE)
            .addGap(22, 22, 22))
    );

    javax.swing.GroupLayout layout = new javax.swing.GroupLayout(getContentPane());
    getContentPane().setLayout(layout);
    layout.setHorizontalGroup(
      layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
      .addGroup(layout.createSequentialGroup()
        .addContainerGap()

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
          .addGroup(layout.createSequentialGroup()
            .addComponent(jLabel1)
            .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)
            .addComponent(jLabelCurrentFolderName,
javax.swing.GroupLayout.PREFERRED_SIZE, 128,
javax.swing.GroupLayout.PREFERRED_SIZE)

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.UNRELATED)
            .addComponent(jLabel2, javax.swing.GroupLayout.PREFERRED_SIZE, 244,
javax.swing.GroupLayout.PREFERRED_SIZE)
            .addGap(0, 0, Short.MAX_VALUE))
          .addGroup(layout.createSequentialGroup()
            .addComponent(jScrollPane1, javax.swing.GroupLayout.PREFERRED_SIZE,
181, javax.swing.GroupLayout.PREFERRED_SIZE)

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.UNRELATED)
            .addComponent(jScrollPane3, javax.swing.GroupLayout.PREFERRED_SIZE,
335, javax.swing.GroupLayout.PREFERRED_SIZE)
            .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED, 12,
Short.MAX_VALUE)
            .addComponent(jPanel1, javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE)))
        .addContainerGap())
    );
    layout.setVerticalGroup(
      layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
      .addGroup(layout.createSequentialGroup()

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
          .addComponent(jLabel1, javax.swing.GroupLayout.PREFERRED_SIZE, 25,
javax.swing.GroupLayout.PREFERRED_SIZE)
          .addComponent(jLabelCurrentFolderName)
```

```java
                    .addComponent(jLabel2))
                .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING, false)
                    .addComponent(jPanel1, javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING, false)
                    .addComponent(jScrollPane1, javax.swing.GroupLayout.DEFAULT_SIZE, 427,
Short.MAX_VALUE)
                    .addComponent(jScrollPane3)))
                .addContainerGap(javax.swing.GroupLayout.DEFAULT_SIZE,
Short.MAX_VALUE))
        );

        pack();
        setLocationRelativeTo(null);
    }// </editor-fold>//GEN-END:initComponents

    private String parseGPS(String inputLine) {//return coordinates only
        String GPSLineCord;

        GPSLineCord = inputLine.substring(inputLine.indexOf('*')+1, inputLine.indexOf(' ',
inputLine.indexOf('*')+1));

        return GPSLineCord;
    }

    public void refreshPictures() {
        Pictures = ((mainWindow) parentFrame).configureFolderwindow.AllFilesinFolder;
        jLabelCurrentFolderName.setText(((mainWindow) parentFrame).currentFolder.getTitle());
        picturelistModel = new DefaultListModel();
        for (int i = 0; i < Pictures.size(); i++) {
            picturelistModel.addElement(Pictures.get(i).getTitle());
        }

        ListpictureNames.setModel(picturelistModel);
    }
    private void jButtonDoneConfigPathActionPerformed(java.awt.event.ActionEvent evt)
{//GEN-FIRST:event_jButtonDoneConfigPathActionPerformed
        // TODO add your handling code here:
        this.setVisible(false);
        this.dispatchEvent(new WindowEvent(
            this, WindowEvent.WINDOW_CLOSING));
    }//GEN-LAST:event_jButtonDoneConfigPathActionPerformed
```

```java
    private void jButtonImportGPSActionPerformed(java.awt.event.ActionEvent evt) {//GEN-
FIRST:event_jButtonImportGPSActionPerformed
        try {
            // TODO add your handling code here:
            if (fileChooser == null) {
                fileChooser = new JFileChooser();
                fileChooser.setAcceptAllFileFilterUsed(false);
                fileChooser.setFileFilter(new FileNameExtensionFilter("TEXT FILES", "txt", "text"));

            }
            int returnVal = fileChooser.showDialog(this, "select");
            java.io.File GPSfile;
            if (returnVal == JFileChooser.APPROVE_OPTION) {
                GPSfile = fileChooser.getSelectedFile();
            } else {
                System.out.println("File access cancelled by user.");
                return;
            }

            FileInputStream fstream = new FileInputStream(GPSfile.getAbsolutePath());
            BufferedReader br = new BufferedReader(new InputStreamReader(fstream));

            GPSListModel = new DefaultListModel();

            GPSPoints = new ArrayList<>();

            GPSPinColorURL = new ArrayList<>();
            String line;

            //Read File Line By Line
            while ((line = br.readLine()) != null) {
                // Print the content on the console

                GPSPoints.add(parseGPS(line));
                GPSListModel.addElement(line + ":");
                GPSPinColorURL.add("Green");
            }
            System.out.println(GPSPoints);
            jListGPS.setModel(GPSListModel);
            //Close the input stream
            br.close();
        } catch (IOException ex) {
            Logger.getLogger(ConfigurePath.class.getName()).log(Level.SEVERE, null, ex);
        }

    }//GEN-LAST:event_jButtonImportGPSActionPerformed
```

```java
    private void jRadioButtonGActionPerformed(java.awt.event.ActionEvent evt) {//GEN-
FIRST:event_jRadioButtonGActionPerformed
        // TODO add your handling code here:
        javax.swing.JRadioButton button = (javax.swing.JRadioButton) evt.getSource();
        if (jListGPS.getSelectedIndices().length == 0) {
            // System.out.println("none selected");
            jRadioButtonG.setSelected(false);
            jRadioButtonY.setSelected(false);
            jRadioButtonR.setSelected(false);
            return;
        }
        String color;
        if (button.equals(jRadioButtonG)) {
            color = "Green";
            jRadioButtonY.setSelected(false);
            jRadioButtonR.setSelected(false);
        } else if (button.equals(jRadioButtonY)) {
            color = "Yellow";
            jRadioButtonG.setSelected(false);
            jRadioButtonR.setSelected(false);
        } else {
            color = "Red";
            jRadioButtonG.setSelected(false);
            jRadioButtonY.setSelected(false);
        }
        int[] selectedGPSpoints = jListGPS.getSelectedIndices();

        String GPSLISTLine;
        for (int i = 0; i < selectedGPSpoints.length; i++) {

            GPSLISTLine = (String) GPSListModel.get(selectedGPSpoints[i]);
            GPSListModel.setElementAt(GPSLISTLine.substring(0, GPSLISTLine.indexOf(":")) +
":" + color, selectedGPSpoints[i]);
            //GPSListModel.set(selectedGPSpoints[i], GPSLISTLine.substring(0,
GPSLISTLine.indexOf(":")) + ":" + color);//change list model
            GPSPinColorURL.set(selectedGPSpoints[i], color);//change color in data
        }

        System.out.println(GPSPinColorURL);

        //jListGPS.setModel(GPSListModel);
    }//GEN-LAST:event_jRadioButtonGActionPerformed

    private void jListGPSValueChanged(javax.swing.event.ListSelectionEvent evt) {//GEN-
FIRST:event_jListGPSValueChanged
```

```java
            // TODO add your handling code here:
            jRadioButtonG.setSelected(false);
            jRadioButtonY.setSelected(false);
            jRadioButtonR.setSelected(false);
    }//GEN-LAST:event_jListGPSValueChanged

    /**
     * @param args the command line arguments
     */
    public static void main(String args[]) {
        /* Set the Nimbus look and feel */
        //<editor-fold defaultstate="collapsed" desc=" Look and feel setting code (optional) ">
        /* If Nimbus (introduced in Java SE 6) is not available, stay with the default look and feel.
         * For details see http://download.oracle.com/javase/tutorial/uiswing/lookandfeel/plaf.html
         */
        try {
            for (javax.swing.UIManager.LookAndFeelInfo info :
javax.swing.UIManager.getInstalledLookAndFeels()) {
                if ("Nimbus".equals(info.getName())) {
                    javax.swing.UIManager.setLookAndFeel(info.getClassName());
                    break;
                }
            }
        } catch (ClassNotFoundException ex) {

java.util.logging.Logger.getLogger(ConfigurePath.class.getName()).log(java.util.logging.Level.
SEVERE, null, ex);
        } catch (InstantiationException ex) {

java.util.logging.Logger.getLogger(ConfigurePath.class.getName()).log(java.util.logging.Level.
SEVERE, null, ex);
        } catch (IllegalAccessException ex) {

java.util.logging.Logger.getLogger(ConfigurePath.class.getName()).log(java.util.logging.Level.
SEVERE, null, ex);
        } catch (javax.swing.UnsupportedLookAndFeelException ex) {

java.util.logging.Logger.getLogger(ConfigurePath.class.getName()).log(java.util.logging.Level.
SEVERE, null, ex);
        }
        //</editor-fold>

        /* Create and display the dialog */
        java.awt.EventQueue.invokeLater(new Runnable() {
            public void run() {
                ConfigurePath dialog = new ConfigurePath(new javax.swing.JFrame(), true);
```

```java
        dialog.addWindowListener(new java.awt.event.WindowAdapter() {
          @Override
          public void windowClosing(java.awt.event.WindowEvent e) {
            System.exit(0);
          }
        });
        dialog.setVisible(true);
      }
    });
  }

  // Variables declaration - do not modify//GEN-BEGIN:variables
  private javax.swing.JList ListpictureNames;
  private javax.swing.JButton jButtonDoneConfigPath;
  private javax.swing.JButton jButtonImportGPS;
  private javax.swing.JLabel jLabel1;
  private javax.swing.JLabel jLabel2;
  private javax.swing.JLabel jLabel3;
  private javax.swing.JLabel jLabelCurrentFolderName;
  private javax.swing.JList jListGPS;
  private javax.swing.JPanel jPanel1;
  private javax.swing.JRadioButton jRadioButtonG;
  private javax.swing.JRadioButton jRadioButtonR;
  private javax.swing.JRadioButton jRadioButtonY;
  private javax.swing.JScrollPane jScrollPane1;
  private javax.swing.JScrollPane jScrollPane3;
  // End of variables declaration//GEN-END:variables
}
```

Folderlist.form

```xml
<?xml version="1.0" encoding="UTF-8" ?>

<Form version="1.3" maxVersion="1.9"
type="org.netbeans.modules.form.forminfo.JDialogFormInfo">
  <Properties>
    <Property name="defaultCloseOperation" type="int" value="2"/>
  </Properties>
  <SyntheticProperties>
    <SyntheticProperty name="formSizePolicy" type="int" value="1"/>
    <SyntheticProperty name="generateCenter" type="boolean" value="true"/>
  </SyntheticProperties>
  <AuxValues>
    <AuxValue name="FormSettings_autoResourcing" type="java.lang.Integer" value="0"/>
    <AuxValue name="FormSettings_autoSetComponentName" type="java.lang.Boolean"
value="false"/>
    <AuxValue name="FormSettings_generateFQN" type="java.lang.Boolean" value="true"/>
    <AuxValue name="FormSettings_generateMnemonicsCode" type="java.lang.Boolean"
value="false"/>
    <AuxValue name="FormSettings_i18nAutoMode" type="java.lang.Boolean" value="false"/>
    <AuxValue name="FormSettings_layoutCodeTarget" type="java.lang.Integer" value="1"/>
    <AuxValue name="FormSettings_listenerGenerationStyle" type="java.lang.Integer"
value="0"/>
    <AuxValue name="FormSettings_variablesLocal" type="java.lang.Boolean" value="false"/>
    <AuxValue name="FormSettings_variablesModifier" type="java.lang.Integer" value="2"/>
  </AuxValues>

  <Layout>
    <DimensionLayout dim="0">
      <Group type="103" groupAlignment="0" attributes="0">
        <Group type="102" attributes="0">
          <Group type="103" groupAlignment="0" attributes="0">
            <Group type="102" attributes="0">
              <EmptySpace min="-2" pref="22" max="-2" attributes="0"/>
              <Component id="jLabel1" min="-2" max="-2" attributes="0"/>
              <EmptySpace min="-2" pref="162" max="-2" attributes="0"/>
              <Component id="jLabel2" min="-2" max="-2" attributes="0"/>
            </Group>
            <Group type="102" alignment="0" attributes="0">
              <EmptySpace max="-2" attributes="0"/>
              <Group type="103" groupAlignment="1" attributes="0">
                <Component id="jScrollPane1" min="-2" pref="201" max="-2" attributes="0"/>
                <Group type="102" attributes="0">
                  <Component id="ButtonNewFolder" min="-2" max="-2" attributes="0"/>
                  <EmptySpace type="unrelated" max="-2" attributes="0"/>
```

```
                <Component id="jTextFieldNewFolderName" min="-2" pref="136" max="-
2" attributes="0"/>
              </Group>
            </Group>
            <EmptySpace min="-2" pref="22" max="-2" attributes="0"/>
            <Group type="103" groupAlignment="0" attributes="0">
              <Group type="102" attributes="0">
                <Component id="jScrollPane2" min="-2" pref="298" max="-2"
attributes="0"/>
                <EmptySpace type="separate" max="-2" attributes="0"/>
                <Group type="103" groupAlignment="0" max="-2" attributes="0">
                  <Component id="jButtonUndelete" max="32767" attributes="0"/>
                  <Component id="jButtonDeleteaFile" max="32767" attributes="0"/>
                </Group>
              </Group>
              <Component id="jButtonDoneSelectingFolder" min="-2" pref="217" max="-2"
attributes="0"/>
            </Group>
          </Group>
        </Group>
        <EmptySpace max="32767" attributes="0"/>
      </Group>
    </Group>
  </DimensionLayout>
  <DimensionLayout dim="1">
    <Group type="103" groupAlignment="0" attributes="0">
      <Group type="102" alignment="0" attributes="0">
        <EmptySpace min="-2" pref="25" max="-2" attributes="0"/>
        <Group type="103" groupAlignment="3" attributes="0">
          <Component id="jLabel1" alignment="3" min="-2" max="-2" attributes="0"/>
          <Component id="jLabel2" alignment="3" min="-2" max="-2" attributes="0"/>
        </Group>
        <EmptySpace type="unrelated" max="-2" attributes="0"/>
        <Group type="103" groupAlignment="0" attributes="0">
          <Group type="103" groupAlignment="1" max="-2" attributes="0">
            <Component id="jScrollPane1" alignment="0" pref="203" max="32767"
attributes="0"/>
            <Component id="jScrollPane2" alignment="0" max="32767" attributes="0"/>
          </Group>
          <Group type="102" attributes="0">
            <Component id="jButtonDeleteaFile" min="-2" pref="42" max="-2"
attributes="0"/>
            <EmptySpace min="-2" pref="8" max="-2" attributes="0"/>
            <Component id="jButtonUndelete" min="-2" pref="44" max="-2" attributes="0"/>
          </Group>
        </Group>
```

```
          <EmptySpace type="separate" max="-2" attributes="0"/>
          <Group type="103" groupAlignment="3" attributes="0">
             <Component id="ButtonNewFolder" alignment="3" min="-2" pref="56" max="-2"
attributes="0"/>
             <Component id="jTextFieldNewFolderName" alignment="3" min="-2" pref="56"
max="-2" attributes="0"/>
             <Component id="jButtonDoneSelectingFolder" min="-2" pref="67" max="-2"
attributes="0"/>
          </Group>
          <EmptySpace pref="23" max="32767" attributes="0"/>
        </Group>
     </Group>
   </DimensionLayout>
 </Layout>
 <SubComponents>
   <Container class="javax.swing.JScrollPane" name="jScrollPane1">
    <AuxValues>
     <AuxValue name="autoScrollPane" type="java.lang.Boolean" value="true"/>
    </AuxValues>

    <Layout
class="org.netbeans.modules.form.compat2.layouts.support.JScrollPaneSupportLayout"/>
    <SubComponents>
     <Component class="javax.swing.JList" name="ListFolder">
      <Properties>
       <Property name="model" type="javax.swing.ListModel"
editor="org.netbeans.modules.form.editors2.ListModelEditor">
        <StringArray count="0"/>
       </Property>
       <Property name="selectionMode" type="int" value="0"/>
      </Properties>
      <Events>
       <EventHandler event="valueChanged"
listener="javax.swing.event.ListSelectionListener"
parameters="javax.swing.event.ListSelectionEvent" handler="ListFolderValueChanged"/>
      </Events>
     </Component>
    </SubComponents>
   </Container>
   <Component class="javax.swing.JLabel" name="jLabel1">
    <Properties>
     <Property name="font" type="java.awt.Font"
editor="org.netbeans.beaninfo.editors.FontEditor">
      <Font name="Tahoma" size="18" style="0"/>
     </Property>
     <Property name="text" type="java.lang.String" value="Folder List"/>
```

```xml
        </Properties>
      </Component>
      <Container class="javax.swing.JScrollPane" name="jScrollPane2">
        <AuxValues>
          <AuxValue name="autoScrollPane" type="java.lang.Boolean" value="true"/>
        </AuxValues>

        <Layout
class="org.netbeans.modules.form.compat2.layouts.support.JScrollPaneSupportLayout"/>
        <SubComponents>
          <Component class="javax.swing.JList" name="ListFilesinFolder">
            <Properties>
              <Property name="model" type="javax.swing.ListModel"
editor="org.netbeans.modules.form.editors2.ListModelEditor">
                <StringArray count="0"/>
              </Property>
              <Property name="selectionMode" type="int" value="0"/>
            </Properties>
          </Component>
        </SubComponents>
      </Container>
      <Component class="javax.swing.JLabel" name="jLabel2">
        <Properties>
          <Property name="font" type="java.awt.Font"
editor="org.netbeans.beaninfo.editors.FontEditor">
            <Font name="Tahoma" size="18" style="0"/>
          </Property>
          <Property name="text" type="java.lang.String" value="Files in this folder:"/>
        </Properties>
      </Component>
      <Component class="javax.swing.JButton" name="ButtonNewFolder">
        <Properties>
          <Property name="font" type="java.awt.Font"
editor="org.netbeans.beaninfo.editors.FontEditor">
            <Font name="Tahoma" size="14" style="0"/>
          </Property>
          <Property name="text" type="java.lang.String" value="New Folder"/>
        </Properties>
        <Events>
          <EventHandler event="actionPerformed" listener="java.awt.event.ActionListener"
parameters="java.awt.event.ActionEvent" handler="ButtonNewFolderActionPerformed"/>
        </Events>
      </Component>
      <Component class="javax.swing.JTextField" name="jTextFieldNewFolderName">
      </Component>
      <Component class="javax.swing.JButton" name="jButtonDoneSelectingFolder">
```

```xml
    <Properties>
      <Property name="font" type="java.awt.Font"
editor="org.netbeans.beaninfo.editors.FontEditor">
        <Font name="Tahoma" size="14" style="0"/>
      </Property>
      <Property name="text" type="java.lang.String" value="Done selecting folder"/>
    </Properties>
    <Events>
      <EventHandler event="actionPerformed" listener="java.awt.event.ActionListener"
parameters="java.awt.event.ActionEvent"
handler="jButtonDoneSelectingFolderActionPerformed"/>
    </Events>
  </Component>
  <Component class="javax.swing.JButton" name="jButtonDeleteaFile">
    <Properties>
      <Property name="font" type="java.awt.Font"
editor="org.netbeans.beaninfo.editors.FontEditor">
        <Font name="Tahoma" size="14" style="0"/>
      </Property>
      <Property name="text" type="java.lang.String" value="Delete"/>
    </Properties>
    <Events>
      <EventHandler event="actionPerformed" listener="java.awt.event.ActionListener"
parameters="java.awt.event.ActionEvent" handler="jButtonDeleteaFileActionPerformed"/>
    </Events>
  </Component>
  <Component class="javax.swing.JButton" name="jButtonUndelete">
    <Properties>
      <Property name="font" type="java.awt.Font"
editor="org.netbeans.beaninfo.editors.FontEditor">
        <Font name="Tahoma" size="14" style="0"/>
      </Property>
      <Property name="text" type="java.lang.String" value="UnDelete"/>
    </Properties>
  </Component>
 </SubComponents>
</Form>
```

Folderlist.java

```java
import com.google.api.services.drive.Drive;

import com.google.api.services.drive.model.File;
import com.google.api.services.drive.model.FileList;

import java.io.IOException;
import java.util.ArrayList;
import java.util.List;
import java.util.logging.Level;
import java.util.logging.Logger;
import javax.swing.DefaultListModel;

/*
 * To change this license header, choose License Headers in Project Properties.
 * To change this template file, choose Tools | Templates
 * and open the template in the editor.
 */
/**
 *
 * @author Tim
 */
public class folderlist extends javax.swing.JDialog {

    List<File> AllFolders;
    public List<File> AllFilesinFolder;//File can be turned into Title by using getTitle()
    public File crrentFolder = null;
    DefaultListModel FolderListModel;
    DefaultListModel FilesinFolderListModel;
    java.awt.Frame parentFrame = null;
    public static int selectedFolderIndex = -1;

    /**
     * Creates new form folderlist
     */
    public folderlist(java.awt.Frame parent, boolean modal) throws IOException {
        super(parent, modal);
        initComponents();
        parentFrame = parent;
        refreshFolderList();

        refreshFilesInFolder();

        //
```

```java
        jButtonDoneSelectingFolder.setEnabled(false);
    }

    public void refreshFolderList() throws IOException {
        AllFolders = retrieveAllFolders(((mainWindow) parentFrame).GDwindow.service);
        FolderListModel = new DefaultListModel();
        for (int i = 0; i < AllFolders.size(); i++) {
            FolderListModel.addElement(AllFolders.get(i).getTitle());
        }
        ListFolder.setModel(FolderListModel);
    }

    public void refreshFilesInFolder() throws IOException {

        if (selectedFolderIndex != -1) {
            AllFilesinFolder = getFilesInFolder(((mainWindow) parentFrame).GDwindow.service,
AllFolders.get(selectedFolderIndex).getId());
            FilesinFolderListModel = new DefaultListModel();
            for (int i = 0; i < AllFilesinFolder.size(); i++) {
                FilesinFolderListModel.addElement(AllFilesinFolder.get(i).getTitle());
            }
            ListFilesinFolder.setModel(FilesinFolderListModel);
        }

    }

    private List<File> getFilesInFolder(Drive service, String folderId) throws IOException {
        List<File> result = new ArrayList<>();
        Drive.Files.List request = service.files().list();
        request.setQ("trashed=false and '" + folderId + "' in parents");
        do {
            try {
                FileList files = request.execute();

                result.addAll(files.getItems());
                request.setPageToken(files.getNextPageToken());
            } catch (IOException e) {
                System.out.println("An error occurred: " + e);
                request.setPageToken(null);
            }
        } while (request.getPageToken() != null
                && request.getPageToken().length() > 0);
        return result;
    }

    private List<File> retrieveAllFolders(Drive service) throws IOException {
```

```java
        List<File> result = new ArrayList<>();
        Drive.Files.List request = service.files().list();
        StringBuilder Q = new StringBuilder("trashed=false");
        Q.append(" and mimeType = 'application/vnd.google-apps.folder'");
        request.setQ(Q.toString());

        do {
            try {
                FileList files = request.execute();

                result.addAll(files.getItems());
                request.setPageToken(files.getNextPageToken());
            } catch (IOException e) {
                System.out.println("An error occurred: " + e);
                request.setPageToken(null);
            }
        } while (request.getPageToken() != null
                && request.getPageToken().length() > 0);
        return result;
    }

    /**
     * This method is called from within the constructor to initialize the form.
     * WARNING: Do NOT modify this code. The content of this method is always
     * regenerated by the Form Editor.
     */
    @SuppressWarnings("unchecked")
    // <editor-fold defaultstate="collapsed" desc="Generated Code">//GEN-
BEGIN:initComponents
    private void initComponents() {

        jScrollPane1 = new javax.swing.JScrollPane();
        ListFolder = new javax.swing.JList();
        jLabel1 = new javax.swing.JLabel();
        jScrollPane2 = new javax.swing.JScrollPane();
        ListFilesinFolder = new javax.swing.JList();
        jLabel2 = new javax.swing.JLabel();
        ButtonNewFolder = new javax.swing.JButton();
        jTextFieldNewFolderName = new javax.swing.JTextField();
        jButtonDoneSelectingFolder = new javax.swing.JButton();
        jButtonDeleteaFile = new javax.swing.JButton();
        jButtonUndelete = new javax.swing.JButton();

        setDefaultCloseOperation(javax.swing.WindowConstants.DISPOSE_ON_CLOSE);

        ListFolder.setSelectionMode(javax.swing.ListSelectionModel.SINGLE_SELECTION);
```

```java
        ListFolder.addListSelectionListener(new javax.swing.event.ListSelectionListener() {
            public void valueChanged(javax.swing.event.ListSelectionEvent evt) {
                ListFolderValueChanged(evt);
            }
        });
        jScrollPane1.setViewportView(ListFolder);

        jLabel1.setFont(new java.awt.Font("Tahoma", 0, 18)); // NOI18N
        jLabel1.setText("Folder List");


        ListFilesinFolder.setSelectionMode(javax.swing.ListSelectionModel.SINGLE_SELECTION);
        jScrollPane2.setViewportView(ListFilesinFolder);

        jLabel2.setFont(new java.awt.Font("Tahoma", 0, 18)); // NOI18N
        jLabel2.setText("Files in this folder:");

        ButtonNewFolder.setFont(new java.awt.Font("Tahoma", 0, 14)); // NOI18N
        ButtonNewFolder.setText("New Folder");
        ButtonNewFolder.addActionListener(new java.awt.event.ActionListener() {
            public void actionPerformed(java.awt.event.ActionEvent evt) {
                ButtonNewFolderActionPerformed(evt);
            }
        });

        jButtonDoneSelectingFolder.setFont(new java.awt.Font("Tahoma", 0, 14)); // NOI18N
        jButtonDoneSelectingFolder.setText("Done selecting folder");
        jButtonDoneSelectingFolder.addActionListener(new java.awt.event.ActionListener() {
            public void actionPerformed(java.awt.event.ActionEvent evt) {
                jButtonDoneSelectingFolderActionPerformed(evt);
            }
        });

        jButtonDeleteaFile.setFont(new java.awt.Font("Tahoma", 0, 14)); // NOI18N
        jButtonDeleteaFile.setText("Delete");
        jButtonDeleteaFile.addActionListener(new java.awt.event.ActionListener() {
            public void actionPerformed(java.awt.event.ActionEvent evt) {
                jButtonDeleteaFileActionPerformed(evt);
            }
        });

        jButtonUndelete.setFont(new java.awt.Font("Tahoma", 0, 14)); // NOI18N
        jButtonUndelete.setText("UnDelete");

        javax.swing.GroupLayout layout = new javax.swing.GroupLayout(getContentPane());
        getContentPane().setLayout(layout);
```

```java
    layout.setHorizontalGroup(
        layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
        .addGroup(layout.createSequentialGroup()

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
            .addGroup(layout.createSequentialGroup()
                .addGap(22, 22, 22)
                .addComponent(jLabel1)
                .addGap(162, 162, 162)
                .addComponent(jLabel2))
            .addGroup(layout.createSequentialGroup()
                .addContainerGap()

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.TRAILING)
                    .addComponent(jScrollPane1, javax.swing.GroupLayout.PREFERRED_SIZE,
201, javax.swing.GroupLayout.PREFERRED_SIZE)
                    .addGroup(layout.createSequentialGroup()
                        .addComponent(ButtonNewFolder)

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.UNRELATED)
                        .addComponent(jTextFieldNewFolderName,
javax.swing.GroupLayout.PREFERRED_SIZE, 136,
javax.swing.GroupLayout.PREFERRED_SIZE)))
                .addGap(22, 22, 22)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
                    .addGroup(layout.createSequentialGroup()
                        .addComponent(jScrollPane2,
javax.swing.GroupLayout.PREFERRED_SIZE, 298,
javax.swing.GroupLayout.PREFERRED_SIZE)
                        .addGap(18, 18, 18)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING, false)
                        .addComponent(jButtonUndelete,
javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.DEFAULT_SIZE,
Short.MAX_VALUE)
                        .addComponent(jButtonDeleteaFile,
javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.DEFAULT_SIZE,
Short.MAX_VALUE))
                    .addComponent(jButtonDoneSelectingFolder,
javax.swing.GroupLayout.PREFERRED_SIZE, 217,
javax.swing.GroupLayout.PREFERRED_SIZE))))
            .addContainerGap(javax.swing.GroupLayout.DEFAULT_SIZE,
Short.MAX_VALUE))
        );
        layout.setVerticalGroup(
```

```java
        layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
        .addGroup(layout.createSequentialGroup()
            .addGap(25, 25, 25)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
                .addComponent(jLabel1)
                .addComponent(jLabel2))
            .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.UNRELATED)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.TRAILING, false)
                .addComponent(jScrollPane1, javax.swing.GroupLayout.Alignment.LEADING,
javax.swing.GroupLayout.DEFAULT_SIZE, 203, Short.MAX_VALUE)
                .addComponent(jScrollPane2, javax.swing.GroupLayout.Alignment.LEADING))
            .addGroup(layout.createSequentialGroup()
                .addComponent(jButtonDeleteaFile,
javax.swing.GroupLayout.PREFERRED_SIZE, 42,
javax.swing.GroupLayout.PREFERRED_SIZE)
                .addGap(8, 8, 8)
                .addComponent(jButtonUndelete,
javax.swing.GroupLayout.PREFERRED_SIZE, 44,
javax.swing.GroupLayout.PREFERRED_SIZE)))
        .addGap(18, 18, 18)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
            .addComponent(ButtonNewFolder, javax.swing.GroupLayout.PREFERRED_SIZE,
56, javax.swing.GroupLayout.PREFERRED_SIZE)
            .addComponent(jTextFieldNewFolderName,
javax.swing.GroupLayout.PREFERRED_SIZE, 56,
javax.swing.GroupLayout.PREFERRED_SIZE)
            .addComponent(jButtonDoneSelectingFolder,
javax.swing.GroupLayout.PREFERRED_SIZE, 67,
javax.swing.GroupLayout.PREFERRED_SIZE))
        .addContainerGap(23, Short.MAX_VALUE))
    );

    pack();
    setLocationRelativeTo(null);
  }// </editor-fold>//GEN-END:initComponents

  private void ListFolderValueChanged(javax.swing.event.ListSelectionEvent evt) {//GEN-
FIRST:event_ListFolderValueChanged
    int temp=selectedFolderIndex;
    selectedFolderIndex = ListFolder.getSelectedIndex();
    if (selectedFolderIndex == -1) {
```

```java
            selectedFolderIndex=temp;
            return;
        }

        try {
            refreshFilesInFolder();
        } catch (IOException ex) {
            Logger.getLogger(folderlist.class.getName()).log(Level.SEVERE, null, ex);
        }
        crrentFolder = AllFolders.get(ListFolder.getSelectedIndex());
        jButtonDoneSelectingFolder.setEnabled(true);
    }//GEN-LAST:event_ListFolderValueChanged

    private void ButtonNewFolderActionPerformed(java.awt.event.ActionEvent evt) {//GEN-
FIRST:event_ButtonNewFolderActionPerformed
        // TODO add your handling code here:
        for (int i = 0; i < AllFolders.size(); i++) {
            if (AllFolders.get(i).getTitle().equals(jTextFieldNewFolderName.getText())) {
                return;
            }
        }

        File upload = new File();
        upload.setTitle(jTextFieldNewFolderName.getText());

        upload.setMimeType("application/vnd.google-apps.folder");
        try {
            File folder = ((mainWindow)
parentFrame).GDwindow.service.files().insert(upload).execute();
            refreshFolderList();
        } catch (IOException ex) {
            Logger.getLogger(folderlist.class.getName()).log(Level.SEVERE, null, ex);
        }
        if (ListFolder.isSelectionEmpty()) {
            jButtonDoneSelectingFolder.setEnabled(false);
        }
        selectedFolderIndex = -1;
    }//GEN-LAST:event_ButtonNewFolderActionPerformed

    private void jButtonDoneSelectingFolderActionPerformed(java.awt.event.ActionEvent evt)
{//GEN-FIRST:event_jButtonDoneSelectingFolderActionPerformed
        // TODO add your handling code here:
        this.setVisible(false);

    }//GEN-LAST:event_jButtonDoneSelectingFolderActionPerformed
```

```java
    private void jButtonDeleteaFileActionPerformed(java.awt.event.ActionEvent evt) {//GEN-
FIRST:event_jButtonDeleteaFileActionPerformed
        // TODO add your handling code here:
        int index = ListFolder.getSelectedIndex();
        File fileToTrash = AllFilesinFolder.get(ListFilesinFolder.getSelectedIndex());//get selected
file
        trashFile(((mainWindow) parentFrame).GDwindow.service, fileToTrash.getId());
        try {
            refreshFolderList();
            refreshFilesInFolder();
        } catch (IOException ex) {
            Logger.getLogger(folderlist.class.getName()).log(Level.SEVERE, null, ex);
        }

    }//GEN-LAST:event_jButtonDeleteaFileActionPerformed
    private File trashFile(Drive service, String fileId) {
        try {
            return service.files().trash(fileId).execute();
        } catch (IOException e) {
            System.out.println("An error occurred: " + e);
        }
        return null;
    }

    private static File restoreFile(Drive service, String fileId) {
        try {
            return service.files().untrash(fileId).execute();
        } catch (IOException e) {
            System.out.println("An error occurred: " + e);
        }
        return null;
    }

    /**
     * @param args the command line arguments
     */
    public static void main(String args[]) {
        /* Set the Nimbus look and feel */
        //<editor-fold defaultstate="collapsed" desc=" Look and feel setting code (optional) ">
        /* If Nimbus (introduced in Java SE 6) is not available, stay with the default look and feel.
         * For details see http://download.oracle.com/javase/tutorial/uiswing/lookandfeel/plaf.html
         */
        try {
            for (javax.swing.UIManager.LookAndFeelInfo info :
javax.swing.UIManager.getInstalledLookAndFeels()) {
                if ("Nimbus".equals(info.getName())) {
```

```java
                javax.swing.UIManager.setLookAndFeel(info.getClassName());
                break;
            }
        }
    } catch (ClassNotFoundException ex) {

java.util.logging.Logger.getLogger(folderlist.class.getName()).log(java.util.logging.Level.SEVE
RE, null, ex);
    } catch (InstantiationException ex) {

java.util.logging.Logger.getLogger(folderlist.class.getName()).log(java.util.logging.Level.SEVE
RE, null, ex);
    } catch (IllegalAccessException ex) {

java.util.logging.Logger.getLogger(folderlist.class.getName()).log(java.util.logging.Level.SEVE
RE, null, ex);
    } catch (javax.swing.UnsupportedLookAndFeelException ex) {

java.util.logging.Logger.getLogger(folderlist.class.getName()).log(java.util.logging.Level.SEVE
RE, null, ex);
    }
    //</editor-fold>

    /* Create and display the dialog */
    java.awt.EventQueue.invokeLater(new Runnable() {
        public void run() {
            folderlist dialog = null;
            try {
                dialog = new folderlist(new javax.swing.JFrame(), true);
            } catch (IOException ex) {
                Logger.getLogger(folderlist.class.getName()).log(Level.SEVERE, null, ex);
            }
            dialog.addWindowListener(new java.awt.event.WindowAdapter() {
                @Override
                public void windowClosing(java.awt.event.WindowEvent e) {
                    System.exit(0);
                }
            });
            dialog.setVisible(true);
        }
    });
}

// Variables declaration - do not modify//GEN-BEGIN:variables
private javax.swing.JButton ButtonNewFolder;
private javax.swing.JList ListFilesinFolder;
```

```java
    private javax.swing.JList ListFolder;
    private javax.swing.JButton jButtonDeleteaFile;
    private javax.swing.JButton jButtonDoneSelectingFolder;
    private javax.swing.JButton jButtonUndelete;
    private javax.swing.JLabel jLabel1;
    private javax.swing.JLabel jLabel2;
    private javax.swing.JScrollPane jScrollPane1;
    private javax.swing.JScrollPane jScrollPane2;
    private javax.swing.JTextField jTextFieldNewFolderName;
    // End of variables declaration//GEN-END:variables
}
```

GenerateKML.form

```xml
<?xml version="1.0" encoding="UTF-8" ?>

<Form version="1.3" maxVersion="1.9"
type="org.netbeans.modules.form.forminfo.JDialogFormInfo">
  <Properties>
    <Property name="defaultCloseOperation" type="int" value="2"/>
  </Properties>
  <SyntheticProperties>
    <SyntheticProperty name="formSizePolicy" type="int" value="1"/>
    <SyntheticProperty name="generateCenter" type="boolean" value="true"/>
  </SyntheticProperties>
  <AuxValues>
    <AuxValue name="FormSettings_autoResourcing" type="java.lang.Integer" value="0"/>
    <AuxValue name="FormSettings_autoSetComponentName" type="java.lang.Boolean"
value="false"/>
    <AuxValue name="FormSettings_generateFQN" type="java.lang.Boolean" value="true"/>
    <AuxValue name="FormSettings_generateMnemonicsCode" type="java.lang.Boolean"
value="false"/>
    <AuxValue name="FormSettings_i18nAutoMode" type="java.lang.Boolean" value="false"/>
    <AuxValue name="FormSettings_layoutCodeTarget" type="java.lang.Integer" value="1"/>
    <AuxValue name="FormSettings_listenerGenerationStyle" type="java.lang.Integer"
value="0"/>
    <AuxValue name="FormSettings_variablesLocal" type="java.lang.Boolean" value="false"/>
    <AuxValue name="FormSettings_variablesModifier" type="java.lang.Integer" value="2"/>
  </AuxValues>

  <Layout>
    <DimensionLayout dim="0">
      <Group type="103" groupAlignment="0" attributes="0">
        <Group type="102" alignment="0" attributes="0">
          <EmptySpace max="-2" attributes="0"/>
          <Component id="jScrollPane1" min="-2" pref="355" max="-2" attributes="0"/>
          <EmptySpace min="-2" pref="26" max="-2" attributes="0"/>
          <Component id="jButtonGenerateNow" min="-2" pref="85" max="-2" attributes="0"/>
          <EmptySpace pref="48" max="32767" attributes="0"/>
        </Group>
      </Group>
    </DimensionLayout>
    <DimensionLayout dim="1">
      <Group type="103" groupAlignment="0" attributes="0">
        <Group type="102" alignment="0" attributes="0">
          <EmptySpace max="-2" attributes="0"/>
          <Group type="103" groupAlignment="0" attributes="0">
```

```xml
              <Component id="jButtonGenerateNow" min="-2" pref="46" max="-2"
attributes="0"/>
              <Component id="jScrollPane1" min="-2" pref="406" max="-2" attributes="0"/>
          </Group>
          <EmptySpace pref="36" max="32767" attributes="0"/>
        </Group>
    </Group>
   </DimensionLayout>
 </Layout>
 <SubComponents>
   <Container class="javax.swing.JScrollPane" name="jScrollPane1">
    <AuxValues>
     <AuxValue name="autoScrollPane" type="java.lang.Boolean" value="true"/>
    </AuxValues>

    <Layout
class="org.netbeans.modules.form.compat2.layouts.support.JScrollPaneSupportLayout"/>
    <SubComponents>
     <Component class="javax.swing.JTextArea" name="jTextArea1">
      <Properties>
       <Property name="columns" type="int" value="20"/>
       <Property name="rows" type="int" value="5"/>
      </Properties>
     </Component>
    </SubComponents>
   </Container>
   <Component class="javax.swing.JButton" name="jButtonGenerateNow">
    <Properties>
     <Property name="text" type="java.lang.String" value="Generate"/>
    </Properties>
    <Events>
     <EventHandler event="actionPerformed" listener="java.awt.event.ActionListener"
parameters="java.awt.event.ActionEvent" handler="jButtonGenerateNowActionPerformed"/>
    </Events>
   </Component>
 </SubComponents>
</Form>
```

GenerateKML.java

```java
/*
 * To change this license header, choose License Headers in Project Properties.
 * To change this template file, choose Tools | Templates
 * and open the template in the editor.
 */

/**
 *
 * @author TIC27
 */
public class GenerateKML extends javax.swing.JDialog {

    static final String KMLHEADER = "<?xml version=\"1.0\" encoding=\"UTF-8\"?>\n"
            + "<kml xmlns=\"http://www.opengis.net/kml/2.2\"
xmlns:gx=\"http://www.google.com/kml/ext/2.2\"
xmlns:kml=\"http://www.opengis.net/kml/2.2\"
xmlns:atom=\"http://www.w3.org/2005/Atom\">\n";
    static final String KMLSTYLER
            = "    <open>1</open>\n"
            + "    <StyleMap id=\"m_ylw-pushpin\">\n"
            + "        <Pair>\n"
            + "            <key>normal</key>\n"
            + "            <styleUrl>#s_ylw-pushpin</styleUrl>\n"
            + "        </Pair>\n"
            + "        <Pair>\n"
            + "            <key>highlight</key>\n"
            + "            <styleUrl>#s_ylw-pushpin_hl</styleUrl>\n"
            + "        </Pair>\n"
            + "    </StyleMap>\n"
            + "    <Style id=\"sh_ylw-circle\">\n"
            + "        <IconStyle>\n"
            + "            <scale>0.8</scale>\n"
            + "            <Icon>\n"
            + "                <href>http://maps.google.com/mapfiles/kml/paddle/ylw-circle.png</href>\n"
            + "            </Icon>\n"
            + "            <hotSpot x=\"32\" y=\"1\" xunits=\"pixels\" yunits=\"pixels\"/>\n"
            + "        </IconStyle>\n"
            + "        <ListStyle>\n"
            + "            <ItemIcon>\n"
            + "                <href>http://maps.google.com/mapfiles/kml/paddle/ylw-circle.png</href>\n"
            + "            </ItemIcon>\n"
            + "        </ListStyle>\n"
```

```
+ "        </Style>\n"
+ "        <StyleMap id=\"msn_grn-circle\">\n"
+ "                <Pair>\n"
+ "                        <key>normal</key>\n"
+ "                        <styleUrl>#sn_grn-circle</styleUrl>\n"
+ "                </Pair>\n"
+ "                <Pair>\n"
+ "                        <key>highlight</key>\n"
+ "                        <styleUrl>#sh_grn-circle</styleUrl>\n"
+ "                </Pair>\n"
+ "        </StyleMap>\n"
+ "        <Style id=\"sn_red-circle\">\n"
+ "         <LabelStyle>\n"
+ "           <scale>0</scale>\n"
+ "         </LabelStyle>\n"
+ "                <IconStyle>\n"
+ "                        <scale>0.8</scale>\n"
+ "                        <Icon>\n"
+ "                                <href>http://maps.google.com/mapfiles/kml/paddle/red-circle.png</href>\n"
+ "                        </Icon>\n"
+ "                        <hotSpot x=\"32\" y=\"1\" xunits=\"pixels\" yunits=\"pixels\"/>\n"
+ "                </IconStyle>\n"
+ "                <ListStyle>\n"
+ "                        <ItemIcon>\n"
+ "                                <href>http://maps.google.com/mapfiles/kml/paddle/red-circle.png</href>\n"
+ "                        </ItemIcon>\n"
+ "                </ListStyle>\n"
+ "        </Style>\n"
+ "        <Style id=\"s_ylw-pushpin\">\n"
+ "                <IconStyle>\n"
+ "                        <scale>0.8</scale>\n"
+ "                        <Icon>\n"
+ "                                <href>http://maps.google.com/mapfiles/kml/pushpin/ylw-pushpin.png</href>\n"
+ "                        </Icon>\n"
+ "                        <hotSpot x=\"20\" y=\"2\" xunits=\"pixels\" yunits=\"pixels\"/>\n"
+ "                </IconStyle>\n"
+ "                <LineStyle>\n"
+ "                        <color>ff11ff6c</color>\n"
+ "                </LineStyle>\n"
+ "        </Style>\n"
+ "        <Style id=\"sh_grn-circle\">\n"
+ "                <IconStyle>\n"
+ "                        <scale>0.8</scale>\n"
```

```
            + "                        <Icon>\n"
            + "                           <href>http://maps.google.com/mapfiles/kml/paddle/grn-
circle.png</href>\n"
            + "                        </Icon>\n"
            + "                        <hotSpot x=\"32\" y=\"1\" xunits=\"pixels\" yunits=\"pixels\"/>\n"
            + "                  </IconStyle>\n"
            + "                  <ListStyle>\n"
            + "                        <ItemIcon>\n"
            + "                           <href>http://maps.google.com/mapfiles/kml/paddle/grn-
circle.png</href>\n"
            + "                        </ItemIcon>\n"
            + "                  </ListStyle>\n"
            + "            </Style>\n"
            + "            <Style id=\"sn_grn-circle\">\n"
            + "             <LabelStyle>\n"
            + "               <scale>0</scale>\n"
            + "             </LabelStyle>\n"
            + "                  <IconStyle>\n"
            + "                        <scale>0.8</scale>\n"
            + "                        <Icon>\n"
            + "                           <href>http://maps.google.com/mapfiles/kml/paddle/grn-
circle.png</href>\n"
            + "                        </Icon>\n"
            + "                        <hotSpot x=\"32\" y=\"1\" xunits=\"pixels\" yunits=\"pixels\"/>\n"
            + "                  </IconStyle>\n"
            + "                  <ListStyle>\n"
            + "                        <ItemIcon>\n"
            + "                           <href>http://maps.google.com/mapfiles/kml/paddle/grn-
circle.png</href>\n"
            + "                        </ItemIcon>\n"
            + "                  </ListStyle>\n"
            + "            </Style>\n"
            + "            <Style id=\"sn_ylw-circle\">\n"
            + "             <LabelStyle>\n"
            + "               <scale>0</scale>\n"
            + "             </LabelStyle>\n"
            + "                  <IconStyle>\n"
            + "                        <scale>0.8</scale>\n"
            + "                        <Icon>\n"
            + "                           <href>http://maps.google.com/mapfiles/kml/paddle/ylw-
circle.png</href>\n"
            + "                        </Icon>\n"
            + "                        <hotSpot x=\"32\" y=\"1\" xunits=\"pixels\" yunits=\"pixels\"/>\n"
            + "                  </IconStyle>\n"
            + "                  <ListStyle>\n"
            + "                        <ItemIcon>\n"
```

```
        + "                              <href>http://maps.google.com/mapfiles/kml/paddle/ylw-
circle.png</href>\n"
        + "                      </ItemIcon>\n"
        + "              </ListStyle>\n"
        + "      </Style>\n"
        + "      <Style id=\"s_ylw-pushpin_hl\">\n"
        + "              <IconStyle>\n"
        + "                      <scale>0.8</scale>\n"
        + "                      <Icon>\n"
        + "                              <href>http://maps.google.com/mapfiles/kml/pushpin/ylw-
pushpin.png</href>\n"
        + "                      </Icon>\n"
        + "                      <hotSpot x=\"20\" y=\"2\" xunits=\"pixels\" yunits=\"pixels\"/>\n"
        + "              </IconStyle>\n"
        + "              <LineStyle>\n"
        + "                      <color>ff11ff6c</color>\n"
        + "              </LineStyle>\n"
        + "      </Style>\n"
        + "      <StyleMap id=\"msn_red-circle\">\n"
        + "              <Pair>\n"
        + "                      <key>normal</key>\n"
        + "                      <styleUrl>#sn_red-circle</styleUrl>\n"
        + "              </Pair>\n"
        + "              <Pair>\n"
        + "                      <key>highlight</key>\n"
        + "                      <styleUrl>#sh_red-circle</styleUrl>\n"
        + "              </Pair>\n"
        + "      </StyleMap>\n"
        + "      <Style id=\"sh_red-circle\">\n"
        + "              <IconStyle>\n"
        + "                      <scale>0.8</scale>\n"
        + "                      <Icon>\n"
        + "                              <href>http://maps.google.com/mapfiles/kml/paddle/red-
circle.png</href>\n"
        + "                      </Icon>\n"
        + "                      <hotSpot x=\"32\" y=\"1\" xunits=\"pixels\" yunits=\"pixels\"/>\n"
        + "              </IconStyle>\n"
        + "              <ListStyle>\n"
        + "                      <ItemIcon>\n"
        + "                              <href>http://maps.google.com/mapfiles/kml/paddle/red-
circle.png</href>\n"
        + "                      </ItemIcon>\n"
        + "              </ListStyle>\n"
        + "      </Style>\n"
        + "      <StyleMap id=\"msn_ylw-circle\">\n"
        + "              <Pair>\n"
```

```java
            + "                    <key>normal</key>\n"
            + "                    <styleUrl>#sn_ylw-circle</styleUrl>\n"
            + "            </Pair>\n"
            + "            <Pair>\n"
            + "                    <key>highlight</key>\n"
            + "                    <styleUrl>#sh_ylw-circle</styleUrl>\n"
            + "            </Pair>\n"
            + "      </StyleMap>\n";
    static final String KMLENDOFKML = "</Document>\n"
            + "</kml>";
    public final static String KMLLineString1 = "   <Placemark>\n"
            + "            <LineString>\n"
            + "                    <tessellate>1</tessellate>\n"
            + "                    <coordinates>\n                         ";
    public final static String KMLLineString2
            = "</coordinates>\n"
            + "             </LineString>\n"
            + "      </Placemark>\n";

    /**
     * Creates new form GenerateKML
     */
    public GenerateKML(java.awt.Frame parent, boolean modal) {
        super(parent, modal);
        initComponents();
    }

    /**
     * This method is called from within the constructor to initialize the form.
     * WARNING: Do NOT modify this code. The content of this method is always
     * regenerated by the Form Editor.
     */
    @SuppressWarnings("unchecked")
    // <editor-fold defaultstate="collapsed" desc="Generated Code">//GEN-
BEGIN:initComponents
    private void initComponents() {

        jScrollPane1 = new javax.swing.JScrollPane();
        jTextArea1 = new javax.swing.JTextArea();
        jButtonGenerateNow = new javax.swing.JButton();

        setDefaultCloseOperation(javax.swing.WindowConstants.DISPOSE_ON_CLOSE);

        jTextArea1.setColumns(20);
        jTextArea1.setRows(5);
        jScrollPane1.setViewportView(jTextArea1);
```

```java
        jButtonGenerateNow.setText("Generate");
        jButtonGenerateNow.addActionListener(new java.awt.event.ActionListener() {
            public void actionPerformed(java.awt.event.ActionEvent evt) {
                jButtonGenerateNowActionPerformed(evt);
            }
        });

        javax.swing.GroupLayout layout = new javax.swing.GroupLayout(getContentPane());
        getContentPane().setLayout(layout);
        layout.setHorizontalGroup(
            layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
            .addGroup(layout.createSequentialGroup()
                .addContainerGap()
                .addComponent(jScrollPane1, javax.swing.GroupLayout.PREFERRED_SIZE, 355,
javax.swing.GroupLayout.PREFERRED_SIZE)
                .addGap(26, 26, 26)
                .addComponent(jButtonGenerateNow, javax.swing.GroupLayout.PREFERRED_SIZE,
85, javax.swing.GroupLayout.PREFERRED_SIZE)
                .addContainerGap(48, Short.MAX_VALUE))
        );
        layout.setVerticalGroup(
            layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
            .addGroup(layout.createSequentialGroup()
                .addContainerGap()

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
                    .addComponent(jButtonGenerateNow,
javax.swing.GroupLayout.PREFERRED_SIZE, 46,
javax.swing.GroupLayout.PREFERRED_SIZE)
                    .addComponent(jScrollPane1, javax.swing.GroupLayout.PREFERRED_SIZE, 406,
javax.swing.GroupLayout.PREFERRED_SIZE))
                .addContainerGap(36, Short.MAX_VALUE))
        );

        pack();
        setLocationRelativeTo(null);
    }// </editor-fold>//GEN-END:initComponents

    private void jButtonGenerateNowActionPerformed(java.awt.event.ActionEvent evt) {//GEN-
FIRST:event_jButtonGenerateNowActionPerformed
        // TODO add your handling code here:


    }//GEN-LAST:event_jButtonGenerateNowActionPerformed
```

```java
    /**
     * @param args the command line arguments
     */
    public static void main(String args[]) {
        /* Set the Nimbus look and feel */
        //<editor-fold defaultstate="collapsed" desc=" Look and feel setting code (optional) ">
        /* If Nimbus (introduced in Java SE 6) is not available, stay with the default look and feel.
         * For details see http://download.oracle.com/javase/tutorial/uiswing/lookandfeel/plaf.html
         */
        try {
            for (javax.swing.UIManager.LookAndFeelInfo info :
javax.swing.UIManager.getInstalledLookAndFeels()) {
                if ("Nimbus".equals(info.getName())) {
                    javax.swing.UIManager.setLookAndFeel(info.getClassName());
                    break;
                }
            }
        } catch (ClassNotFoundException ex) {

java.util.logging.Logger.getLogger(GenerateKML.class.getName()).log(java.util.logging.Level.
SEVERE, null, ex);
        } catch (InstantiationException ex) {

java.util.logging.Logger.getLogger(GenerateKML.class.getName()).log(java.util.logging.Level.
SEVERE, null, ex);
        } catch (IllegalAccessException ex) {

java.util.logging.Logger.getLogger(GenerateKML.class.getName()).log(java.util.logging.Level.
SEVERE, null, ex);
        } catch (javax.swing.UnsupportedLookAndFeelException ex) {

java.util.logging.Logger.getLogger(GenerateKML.class.getName()).log(java.util.logging.Level.
SEVERE, null, ex);
        }
        //</editor-fold>

        /* Create and display the dialog */
        java.awt.EventQueue.invokeLater(new Runnable() {
            public void run() {
                GenerateKML dialog = new GenerateKML(new javax.swing.JFrame(), true);
                dialog.addWindowListener(new java.awt.event.WindowAdapter() {
                    @Override
                    public void windowClosing(java.awt.event.WindowEvent e) {
                        System.exit(0);
                    }
                });
```

```
                dialog.setVisible(true);
            }
        });
    }

    // Variables declaration - do not modify//GEN-BEGIN:variables
    private javax.swing.JButton jButtonGenerateNow;
    private javax.swing.JScrollPane jScrollPane1;
    private javax.swing.JTextArea jTextArea1;
    // End of variables declaration//GEN-END:variables
}
```

mainWindow.form

```xml
<?xml version="1.0" encoding="UTF-8" ?>

<Form version="1.3" maxVersion="1.9"
type="org.netbeans.modules.form.forminfo.JFrameFormInfo">
  <Properties>
    <Property name="defaultCloseOperation" type="int" value="3"/>
    <Property name="title" type="java.lang.String" value="KML generator"/>
  </Properties>
  <SyntheticProperties>
    <SyntheticProperty name="formSizePolicy" type="int" value="1"/>
    <SyntheticProperty name="generateCenter" type="boolean" value="true"/>
  </SyntheticProperties>
  <AuxValues>
    <AuxValue name="FormSettings_autoResourcing" type="java.lang.Integer" value="0"/>
    <AuxValue name="FormSettings_autoSetComponentName" type="java.lang.Boolean"
value="false"/>
    <AuxValue name="FormSettings_generateFQN" type="java.lang.Boolean" value="true"/>
    <AuxValue name="FormSettings_generateMnemonicsCode" type="java.lang.Boolean"
value="false"/>
    <AuxValue name="FormSettings_i18nAutoMode" type="java.lang.Boolean" value="false"/>
    <AuxValue name="FormSettings_layoutCodeTarget" type="java.lang.Integer" value="1"/>
    <AuxValue name="FormSettings_listenerGenerationStyle" type="java.lang.Integer"
value="0"/>
    <AuxValue name="FormSettings_variablesLocal" type="java.lang.Boolean" value="false"/>
    <AuxValue name="FormSettings_variablesModifier" type="java.lang.Integer" value="2"/>
  </AuxValues>

  <Layout>
    <DimensionLayout dim="0">
      <Group type="103" groupAlignment="0" attributes="0">
        <Group type="102" alignment="0" attributes="0">
          <EmptySpace max="-2" attributes="0"/>
```

```
        <Group type="103" groupAlignment="0" max="-2" attributes="0">
          <Component id="ButtonConfigureGD" max="32767" attributes="0"/>
          <Component id="jButton3" max="32767" attributes="0"/>
          <Component id="ButtonUploadAPic" alignment="0" pref="168" max="32767"
attributes="0"/>
          <Component id="jButton1" max="32767" attributes="0"/>
        </Group>
        <EmptySpace max="-2" attributes="0"/>
        <Group type="103" groupAlignment="0" attributes="0">
          <Group type="102" attributes="0">
            <Group type="103" groupAlignment="0" attributes="0">
              <Component id="LabelFolder" min="-2" pref="102" max="-2" attributes="0"/>
              <Component id="jLabel1" min="-2" max="-2" attributes="0"/>
              <Component id="ButtonHelpme" alignment="0" min="-2" pref="168" max="-
2" attributes="0"/>
            </Group>
            <EmptySpace min="0" pref="10" max="32767" attributes="0"/>
          </Group>
          <Component id="jPanel1" alignment="1" max="32767" attributes="0"/>
        </Group>
        <EmptySpace max="-2" attributes="0"/>
      </Group>
    </Group>
  </DimensionLayout>
  <DimensionLayout dim="1">
    <Group type="103" groupAlignment="0" attributes="0">
      <Group type="102" alignment="0" attributes="0">
        <EmptySpace type="separate" max="-2" attributes="0"/>
        <Group type="103" groupAlignment="0" max="-2" attributes="0">
          <Component id="ButtonHelpme" pref="68" max="32767" attributes="0"/>
          <Component id="ButtonConfigureGD" max="32767" attributes="0"/>
        </Group>
        <EmptySpace max="-2" attributes="0"/>
        <Group type="103" groupAlignment="0" attributes="0">
          <Group type="103" alignment="0" groupAlignment="3" attributes="0">
            <Component id="jButton3" alignment="3" min="-2" pref="72" max="-2"
attributes="0"/>
            <Component id="LabelFolder" alignment="3" min="-2" max="-2"
attributes="0"/>
          </Group>
          <Component id="jLabel1" alignment="0" min="-2" pref="28" max="-2"
attributes="0"/>
        </Group>
        <EmptySpace min="-2" pref="8" max="-2" attributes="0"/>
        <Group type="103" groupAlignment="0" attributes="0">
          <Group type="102" attributes="0">
```

```xml
                <Component id="ButtonUploadAPic" min="-2" pref="74" max="-2"
attributes="0"/>
                <EmptySpace pref="47" max="32767" attributes="0"/>
                <Component id="jButton1" min="-2" pref="65" max="-2" attributes="0"/>
              </Group>
              <Component id="jPanel1" max="32767" attributes="0"/>
            </Group>
            <EmptySpace max="-2" attributes="0"/>
          </Group>
        </Group>
      </DimensionLayout>
    </Layout>
    <SubComponents>
      <Component class="javax.swing.JButton" name="ButtonUploadAPic">
        <Properties>
          <Property name="font" type="java.awt.Font"
editor="org.netbeans.beaninfo.editors.FontEditor">
            <Font name="Tahoma" size="14" style="0"/>
          </Property>
          <Property name="text" type="java.lang.String" value="3. upload pictures"/>
        </Properties>
        <Events>
          <EventHandler event="actionPerformed" listener="java.awt.event.ActionListener"
parameters="java.awt.event.ActionEvent" handler="ButtonUploadAPicActionPerformed"/>
        </Events>
      </Component>
      <Component class="javax.swing.JButton" name="ButtonConfigureGD">
        <Properties>
          <Property name="font" type="java.awt.Font"
editor="org.netbeans.beaninfo.editors.FontEditor">
            <Font name="Tahoma" size="14" style="0"/>
          </Property>
          <Property name="text" type="java.lang.String" value="1. configure GD"/>
        </Properties>
        <Events>
          <EventHandler event="actionPerformed" listener="java.awt.event.ActionListener"
parameters="java.awt.event.ActionEvent" handler="ButtonConfigureGDActionPerformed"/>
        </Events>
      </Component>
      <Component class="javax.swing.JButton" name="jButton1">
        <Properties>
          <Property name="font" type="java.awt.Font"
editor="org.netbeans.beaninfo.editors.FontEditor">
            <Font name="Tahoma" size="14" style="0"/>
          </Property>
          <Property name="text" type="java.lang.String" value="4. Configure path"/>
```

```xml
      </Properties>
      <Events>
        <EventHandler event="actionPerformed" listener="java.awt.event.ActionListener"
parameters="java.awt.event.ActionEvent" handler="jButton1ActionPerformed"/>
      </Events>
    </Component>
    <Component class="javax.swing.JButton" name="ButtonHelpme">
      <Properties>
        <Property name="font" type="java.awt.Font"
editor="org.netbeans.beaninfo.editors.FontEditor">
          <Font name="Tahoma" size="14" style="0"/>
        </Property>
        <Property name="foreground" type="java.awt.Color"
editor="org.netbeans.beaninfo.editors.ColorEditor">
          <Color blue="33" green="0" red="ff" type="rgb"/>
        </Property>
        <Property name="text" type="java.lang.String" value="HELP ME"/>
      </Properties>
      <Events>
        <EventHandler event="actionPerformed" listener="java.awt.event.ActionListener"
parameters="java.awt.event.ActionEvent" handler="ButtonHelpmeActionPerformed"/>
      </Events>
    </Component>
    <Component class="javax.swing.JLabel" name="jLabel1">
      <Properties>
        <Property name="font" type="java.awt.Font"
editor="org.netbeans.beaninfo.editors.FontEditor">
          <Font name="Tahoma" size="14" style="0"/>
        </Property>
        <Property name="text" type="java.lang.String" value="Current upload Folder: "/>
      </Properties>
    </Component>
    <Component class="javax.swing.JLabel" name="LabelFolder">
      <Properties>
        <Property name="font" type="java.awt.Font"
editor="org.netbeans.beaninfo.editors.FontEditor">
          <Font name="Tahoma" size="14" style="0"/>
        </Property>
        <Property name="text" type="java.lang.String" value="Root"/>
      </Properties>
    </Component>
    <Component class="javax.swing.JButton" name="jButton3">
      <Properties>
        <Property name="font" type="java.awt.Font"
editor="org.netbeans.beaninfo.editors.FontEditor">
          <Font name="Tahoma" size="14" style="0"/>
```

```xml
      </Property>
      <Property name="text" type="java.lang.String" value="2. Upload to"/>
    </Properties>
    <Events>
      <EventHandler event="actionPerformed" listener="java.awt.event.ActionListener"
parameters="java.awt.event.ActionEvent" handler="jButton3ActionPerformed"/>
    </Events>
  </Component>
  <Container class="javax.swing.JPanel" name="jPanel1">
    <Properties>
      <Property name="border" type="javax.swing.border.Border"
editor="org.netbeans.modules.form.editors2.BorderEditor">
        <Border info="org.netbeans.modules.form.compat2.border.LineBorderInfo">
         <LineBorder/>
        </Border>
      </Property>
    </Properties>

    <Layout>
      <DimensionLayout dim="0">
        <Group type="103" groupAlignment="0" attributes="0">
          <Group type="102" attributes="0">
            <EmptySpace max="-2" attributes="0"/>
            <Group type="103" groupAlignment="0" attributes="0">
              <Component id="jButtonGenerateKML" max="32767" attributes="0"/>
              <Component id="jButtonCombinePahts" alignment="1" max="32767"
attributes="0"/>
            </Group>
            <EmptySpace max="-2" attributes="0"/>
          </Group>
        </Group>
      </DimensionLayout>
      <DimensionLayout dim="1">
        <Group type="103" groupAlignment="0" attributes="0">
          <Group type="102" alignment="0" attributes="0">
            <EmptySpace max="-2" attributes="0"/>
            <Component id="jButtonGenerateKML" min="-2" pref="68" max="-2"
attributes="0"/>
            <EmptySpace type="unrelated" max="-2" attributes="0"/>
            <Component id="jButtonCombinePahts" max="32767" attributes="0"/>
            <EmptySpace max="-2" attributes="0"/>
          </Group>
        </Group>
      </DimensionLayout>
    </Layout>
    <SubComponents>
```

```xml
    <Component class="javax.swing.JButton" name="jButtonGenerateKML">
      <Properties>
        <Property name="font" type="java.awt.Font"
editor="org.netbeans.beaninfo.editors.FontEditor">
          <Font name="Tahoma" size="14" style="0"/>
        </Property>
        <Property name="text" type="java.lang.String" value="5. Generate a KML"/>
      </Properties>
      <Events>
        <EventHandler event="actionPerformed" listener="java.awt.event.ActionListener"
parameters="java.awt.event.ActionEvent" handler="jButtonGenerateKMLActionPerformed"/>
      </Events>
    </Component>
    <Component class="javax.swing.JButton" name="jButtonCombinePahts">
      <Properties>
        <Property name="font" type="java.awt.Font"
editor="org.netbeans.beaninfo.editors.FontEditor">
          <Font name="Tahoma" size="14" style="0"/>
        </Property>
        <Property name="text" type="java.lang.String" value="6. Combine KMLs"/>
      </Properties>
      <Events>
        <EventHandler event="actionPerformed" listener="java.awt.event.ActionListener"
parameters="java.awt.event.ActionEvent" handler="jButtonCombinePahtsActionPerformed"/>
      </Events>
    </Component>
    </SubComponents>
   </Container>
  </SubComponents>
</Form>
```

mainWindow.java

```java
/*
 * To change this license header, choose License Headers in Project Properties.
 * To change this template file, choose Tools | Templates
 * and open the template in the editor.
 */

/**
 *
 * @author Tim
 */
import com.google.api.client.http.FileContent;

import com.google.api.services.drive.Drive;

import com.google.api.services.drive.model.File;

import com.google.api.services.drive.model.ParentReference;
import com.google.api.services.drive.model.Permission;
import java.io.BufferedWriter;
import java.io.FileWriter;

import java.io.IOException;
import java.util.ArrayList;

import java.util.Arrays;
import java.util.List;
import java.util.logging.Level;
import java.util.logging.Logger;
import javax.imageio.ImageIO;

import javax.swing.JFileChooser;
import javax.swing.JOptionPane;
import javax.swing.filechooser.FileNameExtensionFilter;

public class mainWindow extends javax.swing.JFrame {

    public ConfigureGD GDwindow;
    ConfigurePath PathWindow;
    CombineKML combineWindow;
    public folderlist configureFolderwindow = null;
    public java.io.File[] uploadingpicturenames;

    List<File> picutresInFolders;
    List<String> IconColor;
```

```java
    ArrayList<String> GPSCoord;

    public File currentFolder;
    JFileChooser fileChooser = null;

    /**
     * Creates new form mainWindow
     */
    public mainWindow() {
        initComponents();
        GDwindow = new ConfigureGD(this, true);

    }

    /**
     * This method is called from within the constructor to initialize the form.
     * WARNING: Do NOT modify this code. The content of this method is always
     * regenerated by the Form Editor.
     */
    @SuppressWarnings("unchecked")
    // <editor-fold defaultstate="collapsed" desc="Generated Code">//GEN-
BEGIN:initComponents
    private void initComponents() {

        ButtonUploadAPic = new javax.swing.JButton();
        ButtonConfigureGD = new javax.swing.JButton();
        jButton1 = new javax.swing.JButton();
        ButtonHelpme = new javax.swing.JButton();
        jLabel1 = new javax.swing.JLabel();
        LabelFolder = new javax.swing.JLabel();
        jButton3 = new javax.swing.JButton();
        jPanel1 = new javax.swing.JPanel();
        jButtonGenerateKML = new javax.swing.JButton();
        jButtonCombinePahts = new javax.swing.JButton();

        setDefaultCloseOperation(javax.swing.WindowConstants.EXIT_ON_CLOSE);
        setTitle("KML generator");

        ButtonUploadAPic.setFont(new java.awt.Font("Tahoma", 0, 14)); // NOI18N
        ButtonUploadAPic.setText("3. upload pictures");
        ButtonUploadAPic.addActionListener(new java.awt.event.ActionListener() {
            public void actionPerformed(java.awt.event.ActionEvent evt) {
                ButtonUploadAPicActionPerformed(evt);
            }
        });
```

```java
ButtonConfigureGD.setFont(new java.awt.Font("Tahoma", 0, 14)); // NOI18N
ButtonConfigureGD.setText("1. configure GD");
ButtonConfigureGD.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        ButtonConfigureGDActionPerformed(evt);
    }
});

jButton1.setFont(new java.awt.Font("Tahoma", 0, 14)); // NOI18N
jButton1.setText("4. Configure path");
jButton1.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        jButton1ActionPerformed(evt);
    }
});

ButtonHelpme.setFont(new java.awt.Font("Tahoma", 0, 14)); // NOI18N
ButtonHelpme.setForeground(new java.awt.Color(255, 0, 51));
ButtonHelpme.setText("HELP ME");
ButtonHelpme.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        ButtonHelpmeActionPerformed(evt);
    }
});

jLabel1.setFont(new java.awt.Font("Tahoma", 0, 14)); // NOI18N
jLabel1.setText("Current upload Folder: ");

LabelFolder.setFont(new java.awt.Font("Tahoma", 0, 14)); // NOI18N
LabelFolder.setText("Root");

jButton3.setFont(new java.awt.Font("Tahoma", 0, 14)); // NOI18N
jButton3.setText("2. Upload to");
jButton3.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        jButton3ActionPerformed(evt);
    }
});

jPanel1.setBorder(javax.swing.BorderFactory.createLineBorder(new java.awt.Color(0, 0, 0)));

jButtonGenerateKML.setFont(new java.awt.Font("Tahoma", 0, 14)); // NOI18N
jButtonGenerateKML.setText("5. Generate a KML");
jButtonGenerateKML.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
```

```java
                jButtonGenerateKMLActionPerformed(evt);
            }
        });

        jButtonCombinePahts.setFont(new java.awt.Font("Tahoma", 0, 14)); // NOI18N
        jButtonCombinePahts.setText("6. Combine KMLs");
        jButtonCombinePahts.addActionListener(new java.awt.event.ActionListener() {
            public void actionPerformed(java.awt.event.ActionEvent evt) {
                jButtonCombinePahtsActionPerformed(evt);
            }
        });

        javax.swing.GroupLayout jPanel1Layout = new javax.swing.GroupLayout(jPanel1);
        jPanel1.setLayout(jPanel1Layout);
        jPanel1Layout.setHorizontalGroup(
            jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
            .addGroup(jPanel1Layout.createSequentialGroup()
                .addContainerGap()

.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
                .addComponent(jButtonGenerateKML,
javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.DEFAULT_SIZE,
Short.MAX_VALUE)
                .addComponent(jButtonCombinePahts,
javax.swing.GroupLayout.Alignment.TRAILING, javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE))
                .addContainerGap())
        );
        jPanel1Layout.setVerticalGroup(
            jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
            .addGroup(jPanel1Layout.createSequentialGroup()
                .addContainerGap()
                .addComponent(jButtonGenerateKML,
javax.swing.GroupLayout.PREFERRED_SIZE, 68,
javax.swing.GroupLayout.PREFERRED_SIZE)
                .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.UNRELATED)
                .addComponent(jButtonCombinePahts, javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)
                .addContainerGap())
        );

        javax.swing.GroupLayout layout = new javax.swing.GroupLayout(getContentPane());
        getContentPane().setLayout(layout);
        layout.setHorizontalGroup(
            layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
            .addGroup(layout.createSequentialGroup()
```

```
                .addContainerGap()

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING, false)
                .addComponent(ButtonConfigureGD, javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)
                .addComponent(jButton3, javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)
                .addComponent(ButtonUploadAPic, javax.swing.GroupLayout.DEFAULT_SIZE,
168, Short.MAX_VALUE)
                .addComponent(jButton1, javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE))
            .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
                .addGroup(layout.createSequentialGroup()

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
                    .addComponent(LabelFolder, javax.swing.GroupLayout.PREFERRED_SIZE,
102, javax.swing.GroupLayout.PREFERRED_SIZE)
                    .addComponent(jLabel1)
                    .addComponent(ButtonHelpme,
javax.swing.GroupLayout.PREFERRED_SIZE, 168,
javax.swing.GroupLayout.PREFERRED_SIZE))
                .addGap(0, 10, Short.MAX_VALUE))
            .addComponent(jPanel1, javax.swing.GroupLayout.Alignment.TRAILING,
javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.DEFAULT_SIZE,
Short.MAX_VALUE))
            .addContainerGap())
    );
    layout.setVerticalGroup(
        layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
        .addGroup(layout.createSequentialGroup()
            .addGap(18, 18, 18)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING, false)
                .addComponent(ButtonHelpme, javax.swing.GroupLayout.DEFAULT_SIZE, 68,
Short.MAX_VALUE)
                .addComponent(ButtonConfigureGD, javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE))
            .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
                .addComponent(jButton3, javax.swing.GroupLayout.PREFERRED_SIZE, 72,
javax.swing.GroupLayout.PREFERRED_SIZE)
```

```java
                .addComponent(LabelFolder))
            .addComponent(jLabel1, javax.swing.GroupLayout.PREFERRED_SIZE, 28,
javax.swing.GroupLayout.PREFERRED_SIZE))
        .addGap(8, 8, 8)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
            .addGroup(layout.createSequentialGroup()
                .addComponent(ButtonUploadAPic,
javax.swing.GroupLayout.PREFERRED_SIZE, 74,
javax.swing.GroupLayout.PREFERRED_SIZE)
                .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED, 47,
Short.MAX_VALUE)
                .addComponent(jButton1, javax.swing.GroupLayout.PREFERRED_SIZE, 65,
javax.swing.GroupLayout.PREFERRED_SIZE))
            .addComponent(jPanel1, javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE))
        .addContainerGap())
    );

    pack();
    setLocationRelativeTo(null);
}// </editor-fold>//GEN-END:initComponents

private void ButtonConfigureGDActionPerformed(java.awt.event.ActionEvent evt) {//GEN-
FIRST:event_ButtonConfigureGDActionPerformed
    // TODO add your handling code here:

    GDwindow.setVisible(true);
    System.out.println("parent");
    ButtonConfigureGD.setEnabled(false);


}//GEN-LAST:event_ButtonConfigureGDActionPerformed


private void ButtonUploadAPicActionPerformed(java.awt.event.ActionEvent evt) {//GEN-
FIRST:event_ButtonUploadAPicActionPerformed
    // TODO add your handling code here:

    try {

        String filepath;
        String filename;
        if (fileChooser == null) {
            fileChooser = new JFileChooser();
            fileChooser.setAcceptAllFileFilterUsed(false);
```

```java
            fileChooser.setFileFilter(new FileNameExtensionFilter(
                "Image files", ImageIO.getReaderFileSuffixes()));

            fileChooser.setMultiSelectionEnabled(true);
        }

        int returnVal = fileChooser.showDialog(this, "upload");
        if (returnVal == JFileChooser.APPROVE_OPTION) {
            uploadingpicturenames = fileChooser.getSelectedFiles();
        } else {
            System.out.println("File access cancelled by user.");

            return;
        }
        System.out.println(uploadingpicturenames.length);
        for (int i = uploadingpicturenames.length - 1; i >= 0; i--) {
            //  pictureURLs = new String[uploadingpicturenames.length];
            filepath = uploadingpicturenames[i].getAbsolutePath();
            filename = uploadingpicturenames[i].getName();

            File upload = new File();
            upload.setTitle(filename);
            upload.setDescription("A test document");
            upload.setMimeType("image/jpeg");

            String Folder = currentFolder.getId();
            if (Folder != null && Folder.length() > 0) {
                upload.setParents(
                    Arrays.asList(new ParentReference().setId(Folder)));
            }

            java.io.File fileContent = new java.io.File(filepath);
            boolean tryflag = true;
            while (tryflag) {
                try {
                    FileContent mediaContent = new FileContent("image/jpeg", fileContent);
                    File uploaded = GDwindow.service.files().insert(upload,
mediaContent).execute();
                    //   pictureURLs[i] = uploaded.getWebContentLink();
                    //  System.out.println("accessing file " + filepath + " File ID: " + pictureURLs[i]);
                    changePermissionToPublic(GDwindow.service, uploaded.getId(), "anyone",
"reader");
                    tryflag = false;
                } catch (IOException ex) {
                    System.out.println("retying");
                }
```

```java
        }

      }
      System.out.println(folderlist.selectedFolderIndex);
      configureFolderwindow.refreshFilesInFolder();

    } catch (IOException ex) {
      Logger.getLogger(mainWindow.class.getName()).log(Level.SEVERE, null, ex);
    }


  }//GEN-LAST:event_ButtonUploadAPicActionPerformed

  private void jButton1ActionPerformed(java.awt.event.ActionEvent evt) {//GEN-
FIRST:event_jButton1ActionPerformed
    try {
      // TODO add your handling code here:
      if (PathWindow == null) {
        PathWindow = new ConfigurePath(this, true);
      }

      configureFolderwindow.refreshFilesInFolder();

      PathWindow.refreshPictures();
      PathWindow.setVisible(true);
      // System.out.println("parent");
    } catch (IOException ex) {
      Logger.getLogger(mainWindow.class.getName()).log(Level.SEVERE, null, ex);
    }


  }//GEN-LAST:event_jButton1ActionPerformed

  private void ButtonHelpmeActionPerformed(java.awt.event.ActionEvent evt) {//GEN-
FIRST:event_ButtonHelpmeActionPerformed
    // TODO add your handling code here:
    JOptionPane.showMessageDialog(this, "Follow the number. You only need to grant acess
for this app once everytime you start it up\n"
        + "This process is for generating single KML path.\nClick combine KMLs to combine
multiple paths");
  }//GEN-LAST:event_ButtonHelpmeActionPerformed

  private void jButton3ActionPerformed(java.awt.event.ActionEvent evt) {//GEN-
FIRST:event_jButton3ActionPerformed
    try {
```

```java
        if (configureFolderwindow == null) {
            configureFolderwindow = new folderlist(this, true);
        }

        configureFolderwindow.refreshFilesInFolder();
        configureFolderwindow.refreshFolderList();
        System.out.println(folderlist.selectedFolderIndex);
        configureFolderwindow.setVisible(true);
        currentFolder = configureFolderwindow.crrentFolder.clone();
        LabelFolder.setText(currentFolder.getTitle());
    } catch (IOException ex) {
        Logger.getLogger(mainWindow.class.getName()).log(Level.SEVERE, null, ex);
    }

}//GEN-LAST:event_jButton3ActionPerformed

private void jButtonGenerateKMLActionPerformed(java.awt.event.ActionEvent evt) {//GEN-
FIRST:event_jButtonGenerateKMLActionPerformed
    // TODO add your handling code here:
    picutresInFolders = configureFolderwindow.AllFilesinFolder;
    IconColor = PathWindow.GPSPinColorURL;
    GPSCoord = PathWindow.GPSPoints;
    if (picutresInFolders == null) {
        return;
    }

    JFileChooser KMLoutputChooser = new JFileChooser();
    KMLoutputChooser.setAcceptAllFileFilterUsed(false);

    KMLoutputChooser.setFileFilter(new FileNameExtensionFilter("KML Files", "kml"));
    KMLoutputChooser.setMultiSelectionEnabled(true);

    int returnVal = KMLoutputChooser.showDialog(this, "save");

    if (returnVal == JFileChooser.APPROVE_OPTION) {
        java.io.File output = KMLoutputChooser.getSelectedFile();
        StringBuilder filename = new StringBuilder();
        if (!output.getName().contains(".kml")) {
            filename.append(output.getName()).append(".kml");
            output = new java.io.File(KMLoutputChooser.getSelectedFile() + ".kml");
        } else {
            filename.append(output.getName());
        }
        BufferedWriter writer;
        try {
```

```java
        StringBuilder kml = new StringBuilder();
        kml.append(GenerateKML.KMLHEADER);
        kml.append("<Document>\n"
            + "      <name>" + filename.toString() +
"</name>\n").append(GenerateKML.KMLSTYLER);
        kml.append("    <Folder>\n"
            + "            <name>" + filename.toString() + "</name>\n"
            + "            <open>0</open>");
        for (int i = 0; i < picutresInFolders.size(); i++) {
            kml.append("    <Placemark>\n"
                + "            <name>" + picutresInFolders.get(i).getTitle().substring(0,
picutresInFolders.get(i).getTitle().indexOf(".")) + "</name>\n"
                + "            <description><![CDATA[<img src=\"" +
picutresInFolders.get(i).getWebContentLink() + "\"/>]]></description>\n"
                + "            <styleUrl>");
            switch (IconColor.get(i)) {
                case "Green":
                    kml.append("#msn_grn-circle");
                    break;
                case "Red":
                    kml.append("#msn_red-circle");
                    break;
                case "Yellow":
                    kml.append("#msn_ylw-circle");
                    break;

            }
            kml.append("</styleUrl>\n"
                + "            <Point>\n"
                + "                <gx:drawOrder>1</gx:drawOrder>\n"
                + "                <coordinates>");
            kml.append(GPSCoord.get(i));
            kml.append("</coordinates>\n"
                + "            </Point>\n"
                + "    </Placemark>\n");
        }
        kml.append(GenerateKML.KMLLineString1);
        for (int i = 0; i < picutresInFolders.size(); i++) {
            kml.append(GPSCoord.get(i)).append(" ");
        }
        kml.append("\n                    " + GenerateKML.KMLLineString2);
        kml.append("    </Folder>\n");
        kml.append(GenerateKML.KMLENDOFKML);

        writer = new BufferedWriter(new FileWriter(output));
        writer.write(kml.toString());
```

```java
          writer.close();
        } catch (IOException ex) {
          Logger.getLogger(mainWindow.class.getName()).log(Level.SEVERE, null, ex);
        } finally {

        }
      } else {
        System.out.println("Output cancelled by user.");

      }

      // System.out.println(kml.toString());

  }//GEN-LAST:event_jButtonGenerateKMLActionPerformed

  private void jButtonCombinePahtsActionPerformed(java.awt.event.ActionEvent evt) {//GEN-
FIRST:event_jButtonCombinePahtsActionPerformed
      // TODO add your handling code here:
      if (combineWindow == null) {
        combineWindow = new CombineKML(this, true);
      }
      combineWindow.setVisible(true);

  }//GEN-LAST:event_jButtonCombinePahtsActionPerformed
  private Permission changePermissionToPublic(Drive service, String fileId, String type, String
role) {
      Permission newPermission = new Permission();

      newPermission.setValue("me");
      newPermission.setType(type);
      newPermission.setRole(role);
      try {
        return service.permissions().insert(fileId, newPermission).execute();
      } catch (IOException e) {
        System.out.println("An error occurred: " + e);
      }
      return null;

  }

  /**
   * @param args the command line arguments
   */
  public static void main(String args[]) {
      /* Set the Nimbus look and feel */
      //<editor-fold defaultstate="collapsed" desc=" Look and feel setting code (optional) ">
```

```java
        /* If Nimbus (introduced in Java SE 6) is not available, stay with the default look and feel.
         * For details see http://download.oracle.com/javase/tutorial/uiswing/lookandfeel/plaf.html
         */
        try {
            for (javax.swing.UIManager.LookAndFeelInfo info :
javax.swing.UIManager.getInstalledLookAndFeels()) {
                if ("Nimbus".equals(info.getName())) {
                    javax.swing.UIManager.setLookAndFeel(info.getClassName());
                    break;

                }
            }
        } catch (ClassNotFoundException ex) {
            java.util.logging.Logger.getLogger(mainWindow.class
                    .getName()).log(java.util.logging.Level.SEVERE, null, ex);
        } catch (InstantiationException ex) {
            java.util.logging.Logger.getLogger(mainWindow.class
                    .getName()).log(java.util.logging.Level.SEVERE, null, ex);
        } catch (IllegalAccessException ex) {
            java.util.logging.Logger.getLogger(mainWindow.class
                    .getName()).log(java.util.logging.Level.SEVERE, null, ex);
        } catch (javax.swing.UnsupportedLookAndFeelException ex) {
            java.util.logging.Logger.getLogger(mainWindow.class
                    .getName()).log(java.util.logging.Level.SEVERE, null, ex);
        }
        //</editor-fold>

        /* Create and display the form */
        java.awt.EventQueue.invokeLater(new Runnable() {
            public void run() {
                new mainWindow().setVisible(true);
            }
        });
    }

    // Variables declaration - do not modify//GEN-BEGIN:variables
    private javax.swing.JButton ButtonConfigureGD;
    private javax.swing.JButton ButtonHelpme;
    private javax.swing.JButton ButtonUploadAPic;
    private javax.swing.JLabel LabelFolder;
    private javax.swing.JButton jButton1;
    private javax.swing.JButton jButton3;
    private javax.swing.JButton jButtonCombinePahts;
    private javax.swing.JButton jButtonGenerateKML;
    private javax.swing.JLabel jLabel1;
    private javax.swing.JPanel jPanel1;
```

```
    // End of variables declaration//GEN-END:variables
}
```