

```

PEER.JAVA

package RedP2P;

import javax.swing.JOptionPane;

```

```

public class Peer extends
javax.swing.JFrame {

    //private RedP2P peer;

    public Peer() {

        initComponents();

        String identificador =
JOptionPane.showInputDialog("In
grese su identificador:");

```

```

        if (identificador == null ||
identificador.isEmpty()) {

            identificador = "Anónimo";
// Establece un identificador
predeterminado

        }

```

```

        peer = new
RedP2P("224.0.0.4", 5000,
identificador);

        peer.set_Area(jTextArea1);

        new Thread(peer).start();

    }

```

```

@SuppressWarnings("unchecked")

```

```

// <editor-fold
defaultstate="collapsed"
desc="Generated Code">

```

```

    private void initComponents() {

```

```

        JScrollPane1 = new
javax.swing.JScrollPane();

```

```

        JTextArea1 = new
javax.swing.JTextArea();

```

```

        jLabel3 = new
javax.swing.JLabel();

        jTextField4 = new
javax.swing.JTextField();

```

```

        jButton2 = new
javax.swing.JButton();

        jMenuBar1 = new
javax.swing.JMenuBar();

```

```

        jMenu1 = new
javax.swing.JMenu();

```

```

        jMenuItem1 = new
javax.swing.JMenuItem();

```

```

setDefaultCloseOperation(javax.s
wing.WindowConstants.EXIT_ON
_CLOSE);

```

```

        setTitle("Peer Multicast");

```

```

        jTextArea1.setColumns(20);

```

```

        jTextArea1.setRows(5);

```

```

jScrollPane1.setViewportViewView(jTe
xtArea1);

```

```

        jLabel3.setText("Msg");

```

```

        jButton2.setText("Send");

```

```

jButton2.addActionListener(new
java.awt.event.ActionListener() {

```

```

    public void
actionPerformed(java.awt.event.
ActionEvent evt) {

```

```

jButton2ActionPerformed(evt);

```

```

    }

```

```

});

```

```

        jMenu1.setText("File");

```

```

        jMenuItem1.setText("Salir");
jMenu1.add(jMenuItem1);

```

```

        jMenuBar1.add(jMenu1);

```

```

        setJMenuBar(jMenuBar1);

```

```

        javax.swing.GroupLayout
layout = new
javax.swing.GroupLayout(getCont
entPane());

```

```

        getContentPane().setLayout(layo
ut);

```

```

        layout.setHorizontalGroup(

```

```

        layout.createParallelGroup(javax.
swing.GroupLayout.Alignment.LE
ADING)

```

```

        .addGroup(layout.createSequenti
alGroup())

```

```

            .addContainerGap()

```

```

        .addGroup(layout.createParallelG
roup(javax.swing.GroupLayout.Ali
gnment.LEADING)

```

```

        .addGroup(layout.createSequenti
alGroup()

```

```

        .addComponent(jLabel3)

```

```

            .addGap(23, 23, 23)

```

```

        .addComponent(jTextField4)

```

```

            .addGap(18, 18,
18))

```

```

        .addGroup(javax.swing.GroupLay
out.Alignment.TRAILING,
        layout.createSequentialGroup()

```