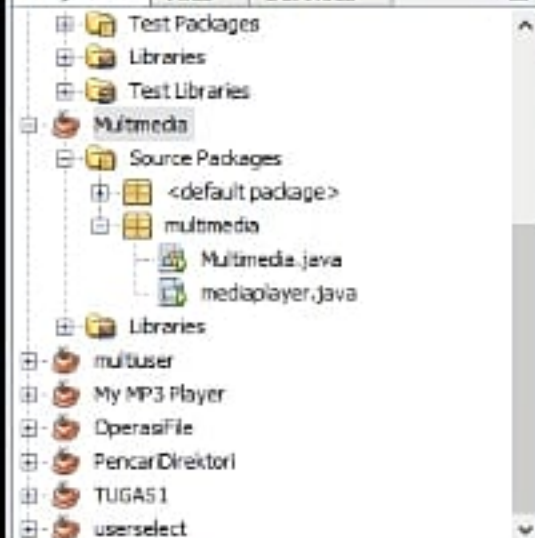
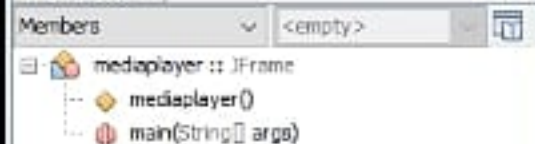


## Projects = Files Services



## Navigator

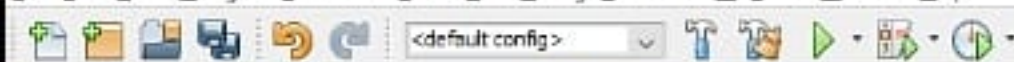


## mediaplayer.java x

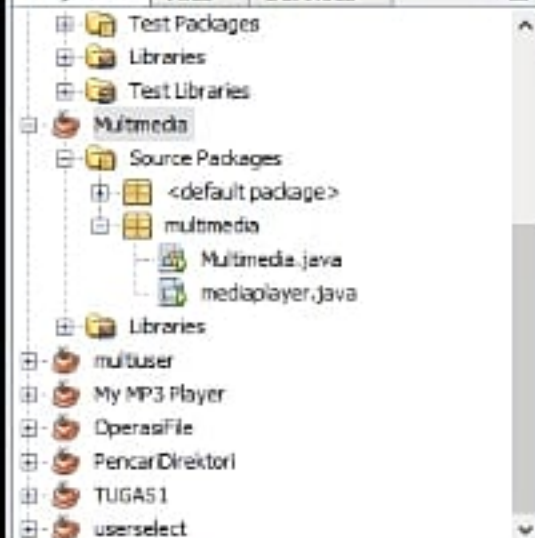
Source Design History

```
1 package multimedia;
2 import java.io.BufferedInputStream;
3 import java.io.File;
4 import java.io.FileInputStream;
5 import java.io.IOException;
6 import java.util.logging.Level;
7 import java.util.logging.Logger;
8 import javax.swing.JFileChooser;
9 import javax.sound.midi.MidiUnavailableException;
10 import javax.sound.midi.Player;

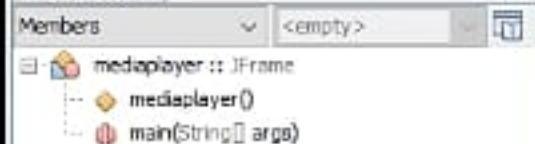
11
12 public class mediaplayer extends javax.swing.JFrame {
13     long total_length;
14     long pause;
15     FileInputStream FIS;
16     BufferedInputStream BIS;
17     Player player;
18
19     File myFile = null;
20     private long total_length_pause;
21
22     public mediaplayer() {
23         initComponents();
24     }
25
26     @SuppressWarnings("unchecked")
27     Generated Code
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119
120 private void btn_playMouseClicked(java.awt.event.MouseEvent evt) {
121     JFileChooser chooser = new JFileChooser();
122     int val = chooser.showOpenDialog(null);
123     if (val == JFileChooser.APPROVE_OPTION)
124         ,
```



## Projects = Files Services



## Navigator x



## mediaplayer.java x

Source Design History



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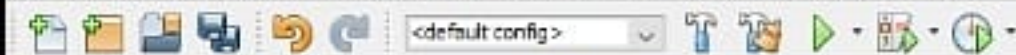
225

```
    }  
    private void btn_stopMouseReleased(java.awt.event.MouseEvent evt) {  
        if(player != null)  
        {  
            player.close();  
            lbl.setText(null);  
        } //ini untuk button stop untuk berhenti memutar lagu  
    }
```

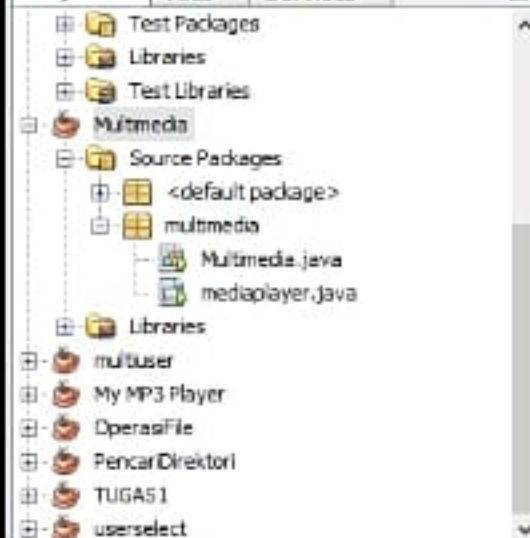
```
    /**  
     * @param args the command line arguments  
     */  
    public static void main(String args[]) {  
        /* Set the Nimbus look and feel */  
        Look and feel setting code (optional)  
  
        /* Create and display the form */  
        java.awt.EventQueue.invokeLater(new Runnable() {  
            public void run() {  
                new mediaplayer().setVisible(true);  
                new MainFrame().setVisible(true);  
            }  
        });  
    }
```

```
// Variables declaration - do not modify  
private javax.swing.JButton btn_pause;  
private javax.swing.JButton btn_play;  
private javax.swing.JButton btn_resume;
```

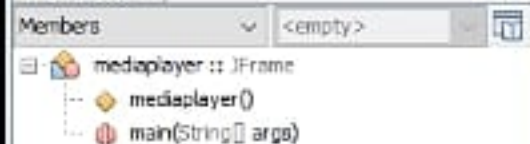




## Projects = Files Services



## Navigator

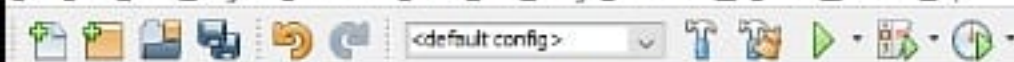


## mediaplayer.java x

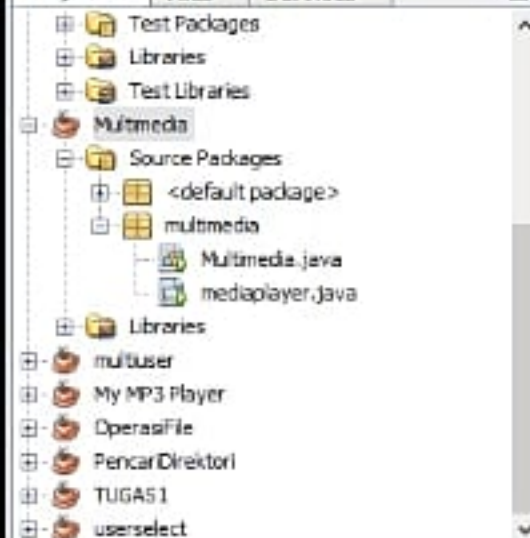
Source Design History



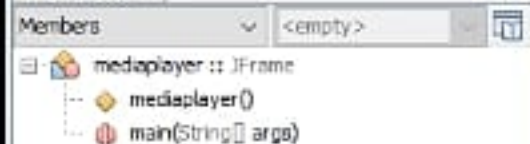
```
174     try {
175         FIS = new FileInputStream(myFile);
176         BIS = new BufferedInputStream(FIS);
177         player = new Player (BIS);
178         FIS.skip(total_length-pause);
179         new Thread()
180         {
181             public void run()
182             {
183                 try{
184                     player.play();
185                 }catch (JavaLayerException ex) {
186                     Logger.getLogger(MainFrame.class.getName()).log(Level.SEVERE, null, ex);
187                 }
188             }
189             }.start();
190         }catch (IOException ex) {
191             Logger.getLogger(MainFrame.class.getName()).log(Level.SEVERE, null, ex);
192         }catch (JavaLayerException ex) {
193             Logger.getLogger(MainFrame.class.getName()).log(Level.SEVERE, null, ex);
194         } //ini untuk button resume atau melanjutkan lagu yang diputar
195     }
196
197     private void btn_stopMouseReleased(java.awt.event.MouseEvent evt) {
198         if(player != null)
199         {
200             player.close();
201             lbl.setText(null);
202         }
203     }
204
205
```



## Projects = Files Services



## Navigator



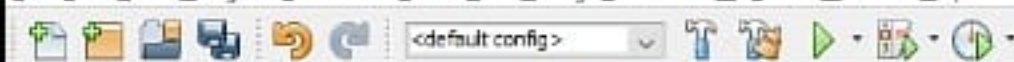
## mediaplayer.java x

Source Design History

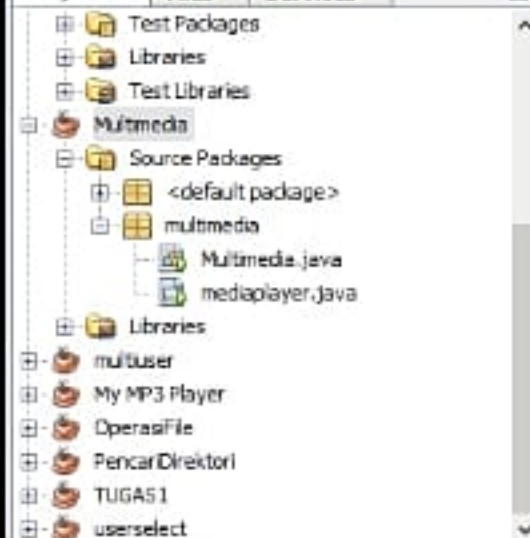


```
147     }
148     }.start();
149 } catch (IOException ex) {
150     Logger.getLogger(MainFrame.class.getName()).log(Level.SEVERE, null, ex);
151 } catch (JavaLayerException ex) {
152     Logger.getLogger(MainFrame.class.getName()).log(Level.SEVERE, null, ex);
153 }
154 //ini untuk button play atau tambah musik
155 }
156
157 private void btn_playActionPerformed(java.awt.event.ActionEvent evt) {
158
159 }
160
161 private void btn_pauseMouseReleased(java.awt.event.MouseEvent evt) {
162     if(player != null)
163     {
164         try{
165             pause = FIS.available();
166             player.close();
167         } catch (IOException ex) {
168             Logger.getLogger(MainFrame.class.getName()).log(Level.SEVERE, null, ex);
169         }
170     } //ini untuk button pause atau berhenti sementara
171 }
172
173 private void btn_resumeMouseReleased(java.awt.event.MouseEvent evt) {
174     try {
175         FIS = new FileInputStream(myFile);
176         BIS = new BufferedInputStream(FIS);
177         player = new Player (BIS);
178         FIS.close();
179     }
```

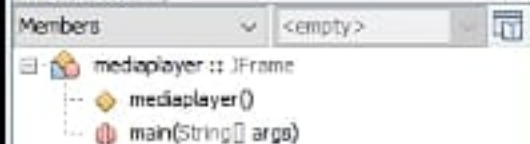




## Projects = Files Services



## Navigator



## mediaplayer.java x

Source Design History



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```
private void btn_playMouseReleased(java.awt.event.MouseEvent evt) {  
    JFileChooser chooser = new JFileChooser();  
    int val = chooser.showOpenDialog(null);  
    if(val == JFileChooser.APPROVE_OPTION)  
    {  
        myFile = chooser.getSelectedFile();  
        String song = myFile+"";  
  
        String name = chooser.getSelectedFile().getName();  
        lbl.setText(name);  
    }  
  
    try {  
        FIS = new FileInputStream(myFile);  
        BIS = new BufferedInputStream(FIS);  
        player = new Player (BIS);  
        total_length= FIS.available();  
  
        new Thread()  
        {  
            public void run()  
            {  
                try{  
                    player.play();  
                }catch(JavaLayerException ex){  
                    Logger.getLogger(MainFrame.class.getName()).log(Level.SEVERE, null, ex);  
                }  
            }  
        }.start();  
    }catch(IOException ex){  
        Logger.getLogger(MainFrame.class.getName()).log(Level.SEVERE, null, ex);  
    }  
}
```