OOM Group 11
Applet Communiaction
Class Diagram

HomeFrame

+shapeTransitionButton:JButton
+colorTransitionButton:JButton
+aboutButton:JButton

+HomeFrame()
+initComponents():void

AboutFrame

JFrame

JFrame

ShapeTransitionFrame

+height:int
+width:int
+selectedColor:Color
+isShapeTansitionStarted:Boolean
+outputPanel:DisplayPanel
-startButton:JButton
-stopButton:JButton
-widthSpinner:JSpinner
-heightSpinner:JSpinner
-colorChooser:JColorChooser

+ShapeTransitionFrame() +initComponents():void
-startButtonActionPerformed(evt: ActionEvent):void
-stopButtonActionPerformed(evt: ActionEvent):void

ColorTransitionFrame

+height:int
+width:int
+shape:String
+isColorTansitionStarted:Boolean
+outputPanel:DisplayPanel
-startButton:JButton
-stopButton:JButton
-widthSpinner:JSpinner
-heightSpinner:JSpinner
-shapeComboBox:JComboBox

+ColorTransitionFrame()
+initComponents():void
-startButtonActionPerformed(evt: ActionEvent):void
-stopButtonActionPerformed(evt: ActionEvent):void

DisplayPanel

+frame:JFrame
+height:int
+width:int
+shape:String
+transitionType:String
+timer:Timer
+color:Color

+DisplayPanel()
+setDetails(transitionType:String, height: int, width: int, shape: String):void
+setDetails(transitionType:String, height: int, width: int, color: Color):void
+paint(graphics: Graphics):void
+stop():void

JPanel