

```
113     /// </summary>
114     private void StartAnimation(object sender, EventArgs e)
115     {
116         animationTimer.Enabled = true;
117         player.SoundLocation = "Tango1.wav";
118         player.Play();
119     }
120
121     private void StopAnimation(object sender, EventArgs e)
122     {
123         animationTimer.Enabled = false;
124         player.Stop();
125     }
126
127     /// <summary>
128     /// This method draws the rectangle at the new position
129     /// determined by tangoX and tangoY whenever the picture
130     /// box paint event is triggered
131     /// </summary>
132     private void DrawTango(object sender, PaintEventArgs e)
133     {
134         Graphics g = e.Graphics;
135         g.FillRectangle(Brushes.Green, tangoX, tangoY, 50, 50);
136     }
137
138
139     /// <summary>
140     /// This method is called by the timer and moves the position
141     /// for where the rectangle should next appear based on a
142     /// sequence of moves down, up, right and left.
143     /// </summary>
144     private void DanceTango(object sender, EventArgs e)
145     {
146         if(step == TangoSteps.DOWN)
147         {
148             tangoY += speedY;
149             if(tangoY >= TANGO_STARTY + stepSize)
150             {
151                 step = TangoSteps.UP;
152             }
153         }
154         else if (step == TangoSteps.UP)
155         {
156             tangoY -= speedY;
157             if (tangoY <= TANGO_STARTY)
158             {
159                 step = TangoSteps.RIGHT;
160             }
161         }
162         else if (step == TangoSteps.RIGHT)
163         {
164             tangoX += speedX;
165             if (tangoX >= TANGO_STARTX + stepSize)
166             {
167                 step = TangoSteps.LEFT;
168             }
169         }
170     }
171 }
```