

Geom.java

```
131 static public Point angleToPoint(Rectangle r, double angle) {
132     double si = Math.sin(angle);
133     double co = Math.cos(angle);
134     double e = 0.0001;
135
136     int x= 0, y= 0;
137     if (Math.abs(si) > e) {
138         x= (int) ((1.0 + co/Math.abs(si))/2.0 * r.width);
139         /*{*/int max = r.width;
140         int value = x;
141         if (value < 0)
142             value = 0;
143         if (value > max)
144             value = max;
145         x= value; /*}*/
146     } else if (co >= 0.0)
147         x= r.width;
148     if (Math.abs(co) > e) {
149         y= (int) ((1.0 + si/Math.abs(co))/2.0 * r.height);
150         y= range(0, r.height, y);
151     } else if (si >= 0.0)
```

Results

Top	Method Name	Starting Line Number	Ending Line Number
1	angleToPoint	148	152
2	angleToPoint	137	147
3	angleToPoint	148	153
4	angleToPoint	138	145
5	angleToPoint	136	153