

cat_animation.xml

```
1 <?xml version="1.0" encoding="utf-8"?>
2 <animation-list xmlns:android="http://schemas.android.com/apk/res/android"
3     android:oneshot="false">
4     <item android:drawable="@drawable/q1" android:duration="250" />
5     <item android:drawable="@drawable/q2" android:duration="250" />
6     <item android:drawable="@drawable/q3" android:duration="250" />
7     <item android:drawable="@drawable/q4" android:duration="250" />
8     <item android:drawable="@drawable/q5" android:duration="250" />
9     <item android:drawable="@drawable/q6" android:duration="250" />
10    <item android:drawable="@drawable/q7" android:duration="250" />
11    <item android:drawable="@drawable/q8" android:duration="250" />
12    <item android:drawable="@drawable/q9" android:duration="250" />
13    <item android:drawable="@drawable/q10" android:duration="250" />
14    <item android:drawable="@drawable/q11" android:duration="250" />
15    <item android:drawable="@drawable/q12" android:duration="250" />
16    <item android:drawable="@drawable/q13" android:duration="250" />
17    <item android:drawable="@drawable/q14" android:duration="250" />
18    <item android:drawable="@drawable/q15" android:duration="250" />
19    <item android:drawable="@drawable/q16" android:duration="250" />
20 </animation-list>
```

ic_launcher_foreground.xml

```
1 <vector xmlns:android="http://schemas.android.com/apk/res/android"
2     xmlns:aapt="http://schemas.android.com/aapt"
3     android:width="108dp"
4     android:height="108dp"
5     android:viewportWidth="108"
6     android:viewportHeight="108">
7     <path android:pathData="M31.63,92.8c0,0 6.4,-11 12.1,-13.1c7.2,-2.6 26,-1.4 26,-1.4l38.1,38.1l107,108.928l-32,-1l31,63.928z">
8         <aapt:attr name="android:fillColor">
9             <gradient
10                 android:endX="85.84757"
11                 android:endY="92.4963"
12                 android:startX="42.9492"
13                 android:startY="49.59793"
14                 android:type="linear">
15                 <item
16                     android:color="#44000000"
17                     android:offset="0.0" />
18                 <item
19                     android:color="#00000000"
20                     android:offset="1.0" />
21             </gradient>
22         </aapt:attr>
23     </path>
24     <path
25         android:fillColor="#FFFFFF"
26         android:fillType="nonZero"
27         android:pathData="M65.3,45.828l3.8,-6.6c0.2,-0.4 0.1,-0.9 -0.3,-1.1c-0.4,-0.2 -0.9,-0.1 -1.1,0.3l-3.9,6.7c-6.3,-2.8 -13.4,-2.8 -19
28         android:strokeWidth="1"
29         android:strokeColor="#00000000" />
30 </vector>
```

ic_launcher_background.xml

```
1 <?xml version="1.0" encoding="utf-8"?>
2 <vector xmlns:android="http://schemas.android.com/apk/res/android"
3     android:width="108dp"
4     android:height="108dp"
5     android:viewportWidth="108"
6     android:viewportHeight="108">
7     <path
8         android:fillColor="#3DDC84"
9         android:pathData="M0,0h108v108h-108z" />
10    <path
11        android:fillColor="#00000000"
12        android:pathData="M9,0L9,108"
13        android:strokeWidth="0.8"
14        android:strokeColor="#33FFFFFF" />
15    <path
16        android:fillColor="#00000000"
17        android:pathData="M19,0L19,108"
18        android:strokeWidth="0.8"
19        android:strokeColor="#33FFFFFF" />
20    <path
21        android:fillColor="#00000000"
22        android:pathData="M29,0L29,108"
23        android:strokeWidth="0.8"
24        android:strokeColor="#33FFFFFF" />
25    <path
26        android:fillColor="#00000000"
27        android:pathData="M39,0L39,108"
28        android:strokeWidth="0.8"
29        android:strokeColor="#33FFFFFF" />
30    <path
31        android:fillColor="#00000000"
32        android:pathData="M49,0L49,108"
33        android:strokeWidth="0.8"
34        android:strokeColor="#33FFFFFF" />
35    <path
36        android:fillColor="#00000000"
```

Main_activity

```
10
11 class MainActivity : AppCompatActivity() {
12     private lateinit var img: ImageView
13     private lateinit var frameAnimation: AnimationDrawable
14
15     override fun onCreate(savedInstanceState: Bundle?) {
16         super.onCreate(savedInstanceState)
17         setContentView(R.layout.activity_main)
18
19         img = findViewById(R.id.ivAnim)
20         val btnCellAnimation: Button = findViewById(R.id.btnCellAnimation)
21         val btnTweenAnimation: Button = findViewById(R.id.btnTweenAnimation)
22
23         btnCellAnimation.setOnClickListener {
24             startCellAnimation()
25         }
26
27         btnTweenAnimation.setOnClickListener {
28             startTweenAnimation()
29         }
30     }
31
32     private fun startCellAnimation() {
33         img.setBackgroundResource(R.drawable.cat_animation) // Устанавливаем ресурс анимации
34         frameAnimation = img.background as AnimationDrawable
35         img.visibility = View.VISIBLE
36         frameAnimation.start() // Запускаем анимацию
37     }
38
39     private fun startTweenAnimation() {
40         img.setImageResource(R.drawable.g1) // Установите свой ресурс изображения
41         img.visibility = View.VISIBLE
42         val anim = AnimationUtils.loadAnimation(context: this, R.anim.new_animation)
43         img.startAnimation(anim) // Запускаем Tween-анимацию
44     }
45 }
```



Cell-анимация

Tween-анимация