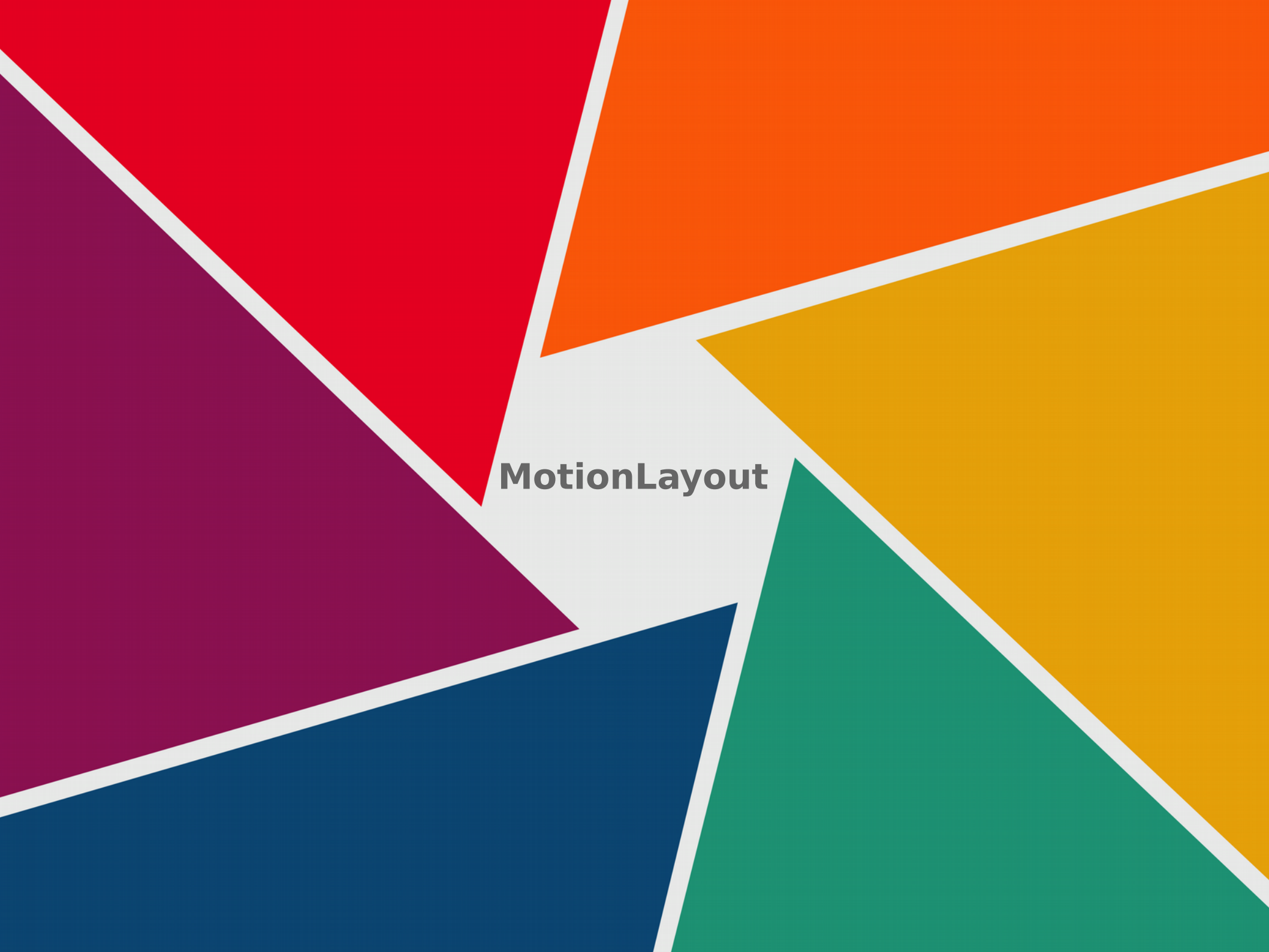

MotionLayout

What is MotionLayout?

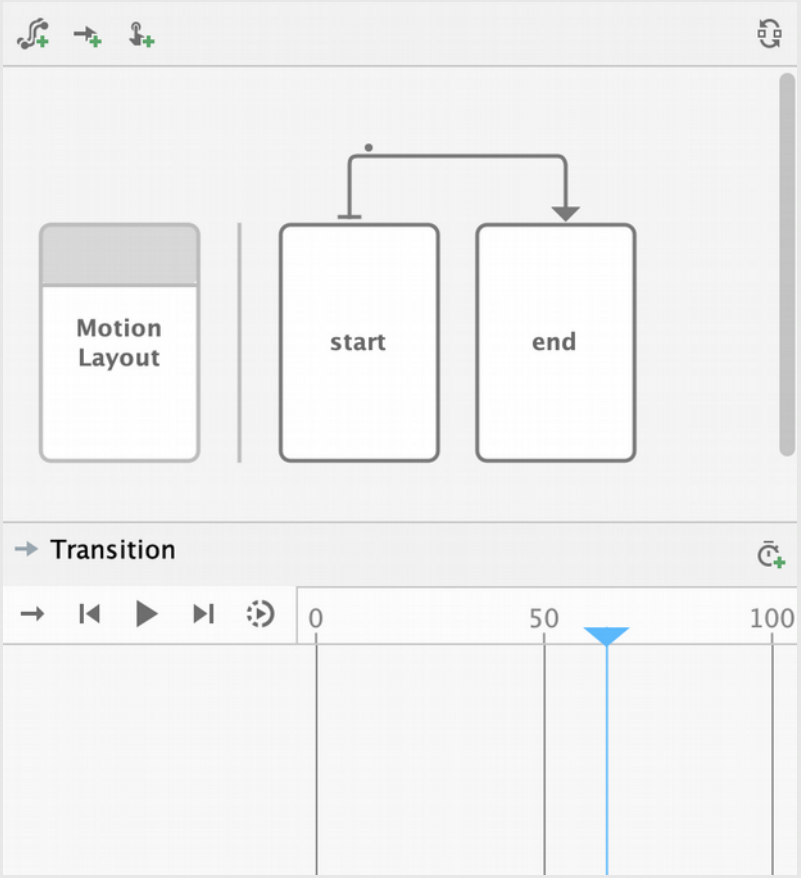
- A New Layout System in Android With Built-In Support for Animation
- Subclass of ConstraintLayout

Mehdi Haghgoo

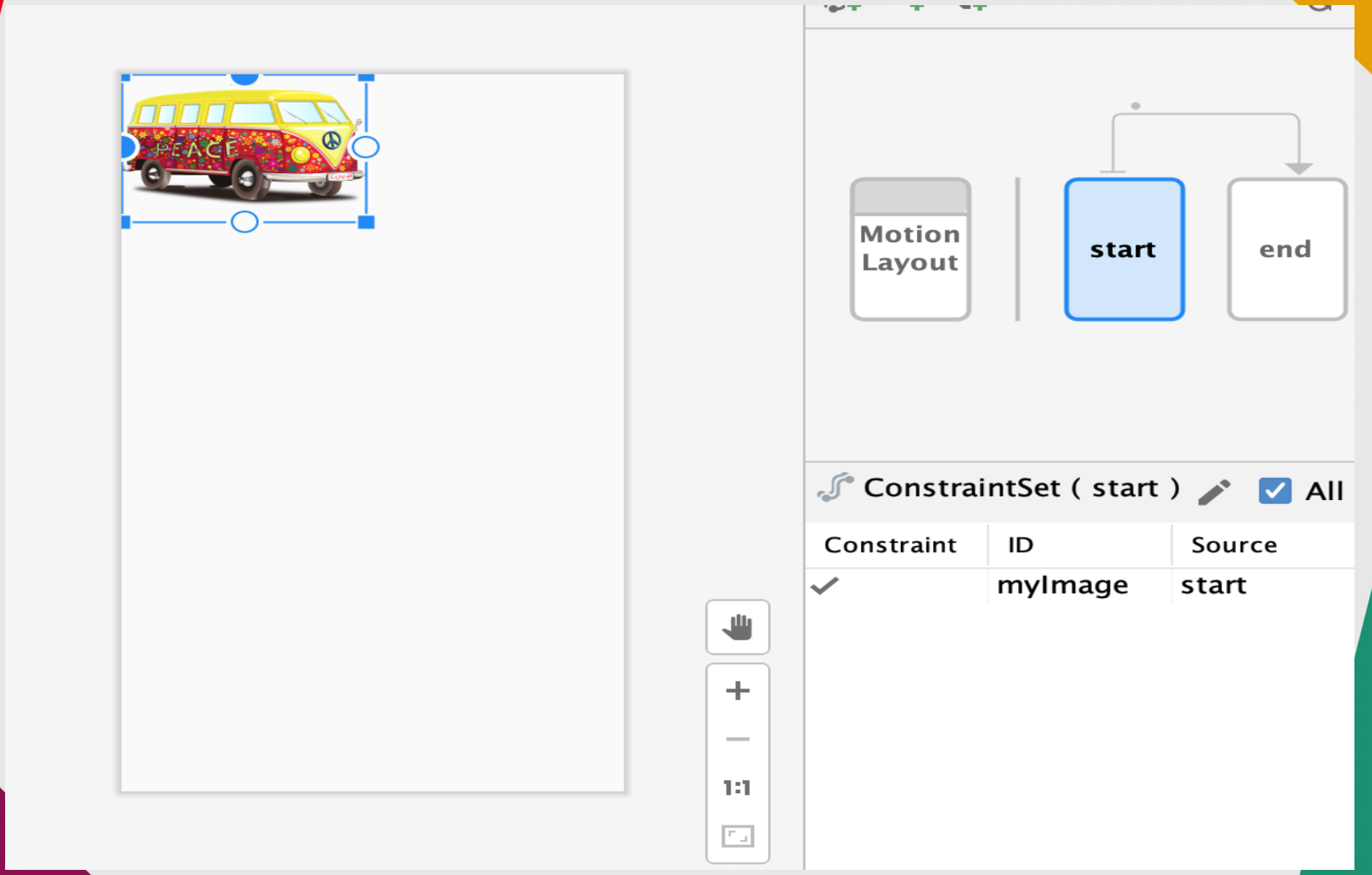
How MotionLayout Works

- Has separate XML file aka motion scene
- Animates changes between end points

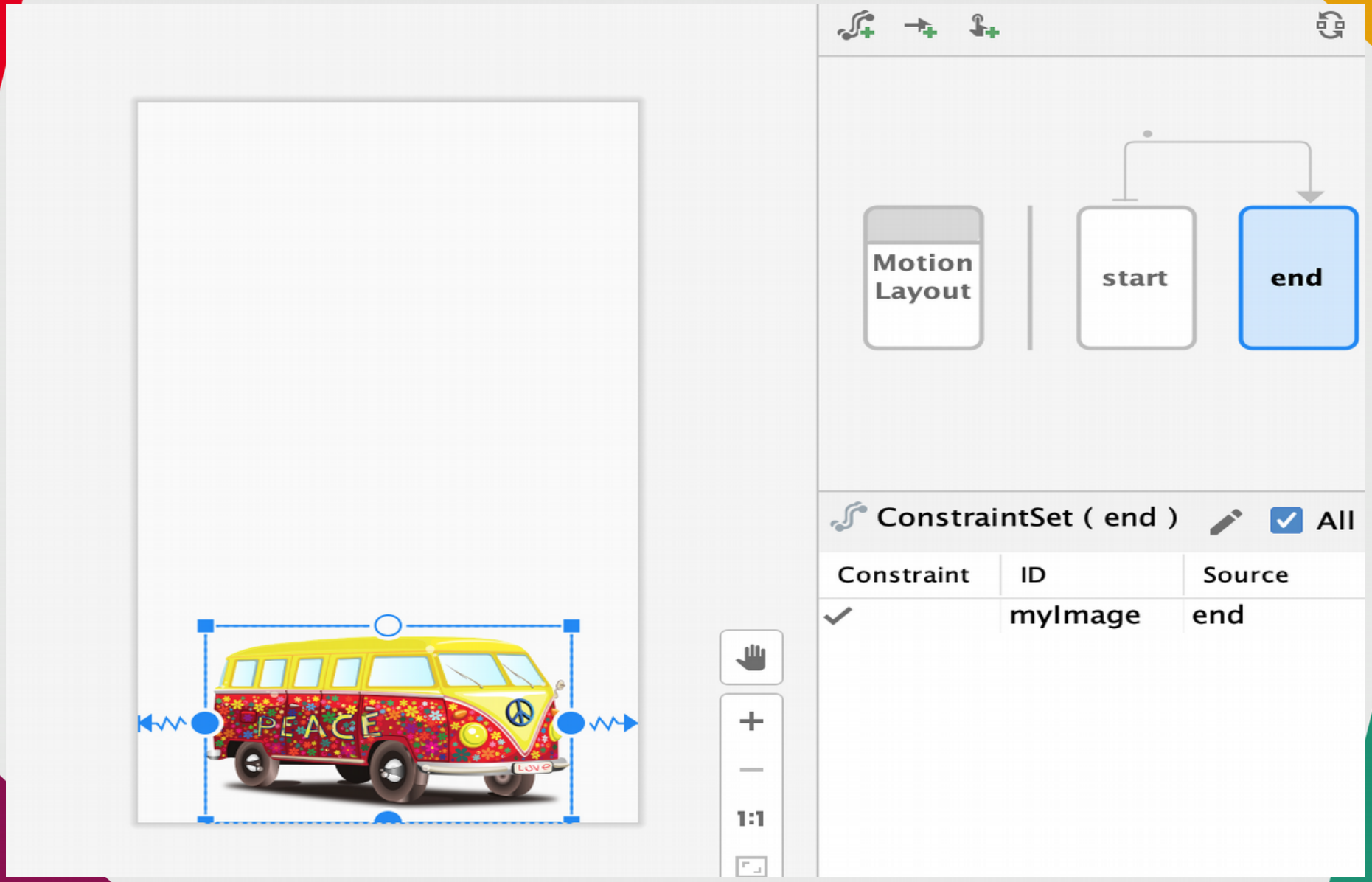
How MotionLayout Works(2)



How MotionLayout Works(3)



How MotionLayout Works(4)



Advantages

- Declarative animation (all in XML)
- No coding needed
- Visual editor
- Support for keyframes (Advanced motion)

Prerequisites

- ConstraintLayout 2.0

```
dependencies {
    implementation 'androidx.constraintlayout:constraintlayout:2.0.0-beta1'
}
```