

Choreographing Animations



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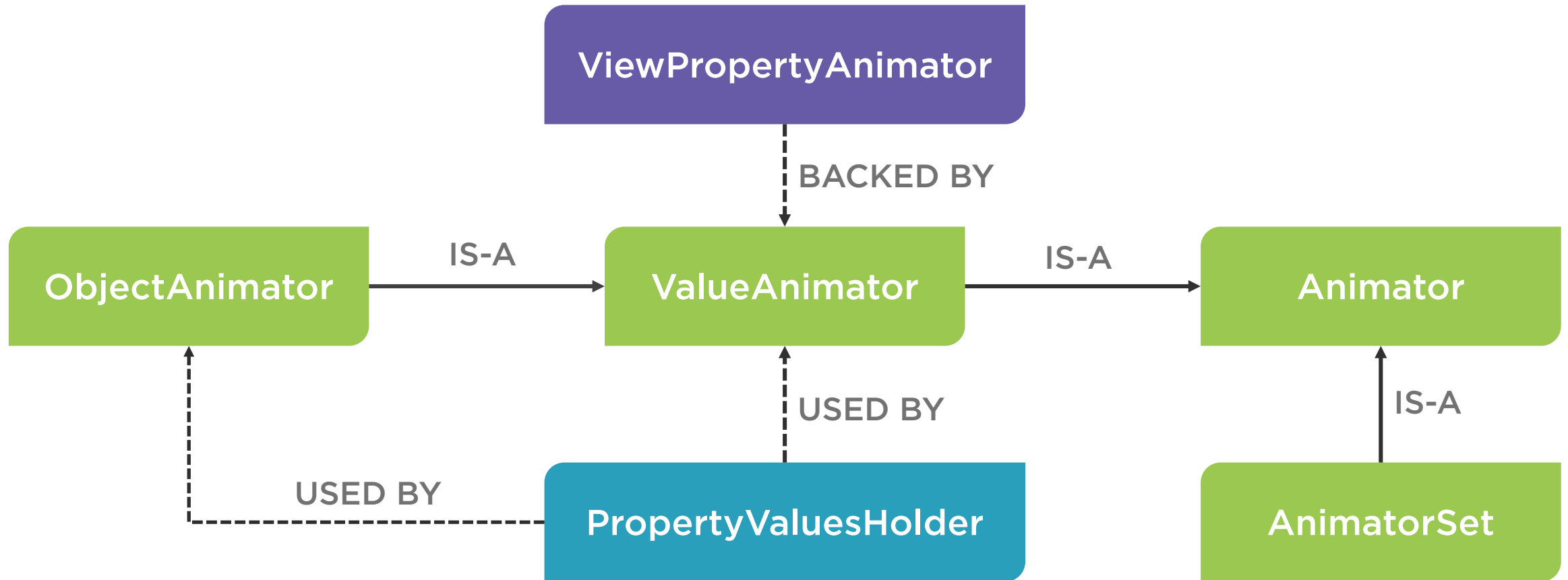
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API Overview



Property Animation

XML Resources

Store animation files within
res/animator directory

From Code

Without using any XML
resource animators



Interpolator



An interpolator defines the rate of change of an animation

It adds various effects to animation such as acceleration, deceleration, bounce etc.



Interpolator



AccelerateDecelerateInterpolator
AccelerateInterpolator
AnticipateInterpolator
AnticipateOvershootInterpolator
BounceInterpolator
CycleInterpolator
DecelerateInterpolator
LinearInterpolator
OvershootInterpolator



ViewPropertyAnimator



Animate View properties

All animations run in parallel

Use case

- Perform multiple animation at once
- More convenient syntax

Calling `View.animate()` returns reference to ViewPropertyAnimator object



Summary



ObjectAnimator

- General purpose

ValueAnimator

- Custom animation

ViewPropertyAnimator

- Multiple properties on the same View

PropertyValuesHolder

- Multiple properties on the same object

AnimatorSet

- Choreograph anything



Use Animations Wisely



Animating Drawables

