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Implicit Animations

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With Flutter’s [animation library](#), you can add motion and create visual effects for the widgets in your UI. One part of the library is a assortment of widgets that manage animations for you. These widgets are collectively referred to as *implicit animations*, or *implicitly animated widgets*, deriving their name from the [ImplicitlyAnimatedWidget](#) class that they implement. The following set of resource provide many ways to learn about implicit animations in Flutter.

Documentation

[Implicit animations codelab](#)

Jump right into the code! This codelab uses interactive examples and step-by-step instructions to teach you how to use implicit animations.

[AnimatedContainer sample](#)

A step-by-step recipe from the [Flutter cookbook](#) for using the [AnimatedContainer](#) implicitly animated widget.


[ImplicitlyAnimatedWidget documentation](#)

All implicit animations extend the [ImplicitlyAnimatedWidget](#) class.


Flutter in Focus videos

Flutter in Focus videos feature 5-10 minute tutorials with real code that cover techniques that every Flutter dev needs to know from top to bottom. The following videos cover topics that are relevant to implicit animations.

Animation Basics with Implicit Animations



Creating your own Custom Implicit Animations with Tween...



The Boring Show

Watch to Boring Show to follow Google Engineers build apps from scratch in Flutter. The following episode covers using implicit animations in a news aggregator app.

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Implicitly animating the Hacker News app (The Boring Flutt...



Widget of the Week videos

A weekly series of short animated videos each showing the important features of one particular widget. In about 60 seconds, you see real code for each widget with a demo about how it works. The following Widget of the Week videos cover implicitly animated widgets:

AnimatedOpacity (Flutter Widget of the Week)



AnimatedPadding (Flutter Widget of the Week)



AnimatedPositioned (Flutter Widget of the Week)



AnimatedSwitcher (Flutter Widget of the Week)





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