

Version: 3.x

# withRepeat

`withRepeat` is an animation modifier that lets you repeat an animation given number of times or run it indefinitely.

[Preview](#) Code

## Reference

```
import { withRepeat } from 'react-native-reanimated';

function App() {
  sv.value = withRepeat(withSpring(0), 5);
  // ...
}
```

▼ Type definitions

## Arguments

animation

The animation you want to repeat.

`numberOfReps` Optional

The number of times the animation is going to be repeated. Defaults to `2`.

A non-positive value (e.g. `0` or `-1`) will cause the animation to repeat indefinitely until it is cancelled or torn down. For example, if the component unmounts or `cancelAnimation` was called.

`reverse` Optional

Whether the animation should run in reverse every other repetition. Defaults to `false`.

This option only supports animation functions (eg. `withSpring`) and doesn't work with animation modifiers (eg. `withSequence`).

`callback` Optional

A function called on animation complete. In case the animation is cancelled, the callback will receive `false` as the argument, otherwise it will receive `true`.

`reduceMotion` Optional

A parameter that determines how the animation responds to the device's reduced motion accessibility setting.

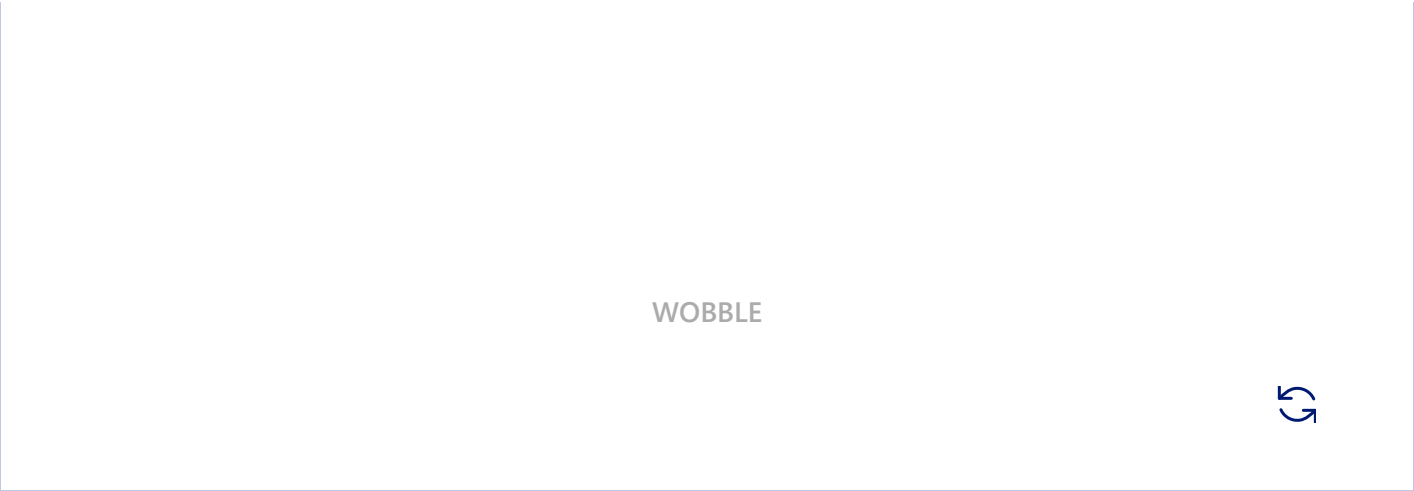
## Returns

`withRepeat` returns an animation object. It can be either assigned directly to a shared value or can be used as a value for a style object returned from useAnimatedStyle.

## Example

Preview Code








Remarks

- The callback passed to the 4th argument is automatically workletized and ran on the UI thread.

Platform compatibility

Android	iOS	Web
		

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