

Vibration

Vibrates the device.

Example

Vibration

^ Expo

```
import React from 'react';
import {
  Button,
  Platform,
  Text,
  Vibration,
  View,
  SafeAreaView,
  StyleSheet,
} from 'react-native';

const Separator = () => {
  return <View style={Platform.OS === 'android' ? styles.separator :
null} />;
};

const App = () => {
  const ONE_SECOND_IN_MS = 1000;

  const PATTERN = [
    1 * ONE_SECOND_IN_MS,
    2 * ONE_SECOND_IN_MS,
    3 * ONE_SECOND_IN_MS,
  ];

  const PATTERN_DESC =
    - - - - -
```

Preview ☐ My Device ☒ iOS ☐ Android

Android apps should request the `android.permission.VIBRATE` permission by adding `<uses-permission android:name="android.permission.VIBRATE"/>` to `AndroidManifest.xml`.

The Vibration API is implemented as a `AudioServicesPlaySystemSound(kSystemSoundID_Vibrate)` call on iOS.

Reference

Methods

`cancel()`

```
static cancel();
```

Call this to stop vibrating after having invoked `vibrate()` with repetition enabled.

`vibrate()`

```
static vibrate(  
  pattern?: number | number[],  
  repeat?: boolean  
);
```


Triggers a vibration with a fixed duration.

On Android, the vibration duration defaults to 400 milliseconds, and an arbitrary vibration duration can be specified by passing a number as the value for the `pattern` argument. **On iOS**, the vibration duration is fixed at roughly 400 milliseconds.

The `vibrate()` method can take a `pattern` argument with an array of numbers that represent time in milliseconds. You may set `repeat` to true to run through the vibration pattern in a loop until `cancel()` is called.

On Android, the odd indices of the `pattern` array represent the vibration duration, while the even ones represent the separation time. **On iOS**, the numbers in the `pattern` array represent the separation time, as the vibration duration is fixed.

Parameters:

NAME	TYPE	DEFAULT	DESCRIPTION
pattern	number  Android	400	Vibration duration in milliseconds.
	array of numbers		Vibration pattern as an array of numbers in milliseconds.
repeat	boolean	false	Repeat vibration pattern until <code>cancel()</code> .

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