

StatusBar

Component to control the app's status bar. The status bar is the zone, typically at the top of the screen, that displays the current time, Wi-Fi and cellular network information, battery level and/or other status icons.

Usage with Navigator

It is possible to have multiple `StatusBar` components mounted at the same time. The props will be merged in the order the `StatusBar` components were mounted.

TypeScript

JavaScript

StatusBar Component Example

^ Expo

```
import React, {useState} from 'react';
import {
  Button,
  Platform,
  SafeAreaView,
  StatusBar,
  StyleSheet,
  Text,
  View,
} from 'react-native';
import type {StatusBarStyle} from 'react-native';

const STYLES = ['default', 'dark-content', 'light-content'] as const;
const TRANSITIONS = ['fade', 'slide', 'none'] as const;

const App = () => {
  const [hidden, setHidden] = useState(false);
  const [statusBarStyle, setStatusBarStyle] = useState<StatusBarStyle>(
    STYLES[0],
  );
  const [statusBarTransition, setStatusBarTransition] = useState<
    'fade' | 'slide' | 'none'
  >(TRANSITIONS[0]);

  const changeStatusBarVisibility = () => setHidden(!hidden);
```

Preview



My Device

iOS

Android

Imperative API

For cases where using a component is not ideal, there is also an imperative API exposed as static functions on the component. It is however not recommended to use the static API and the component for the same prop because any value set by the static API will get overridden by the one set by the component in the next render.

Reference

Constants

currentHeight  Android

The height of the status bar, which includes the notch height, if present.

Props

animated

If the transition between status bar property changes should be animated. Supported for `backgroundColor`, `barStyle` and `hidden` properties.

TYPE	REQUIRED	DEFAULT
boolean	No	false

backgroundColor  Android

The background color of the status bar.

TYPE	REQUIRED	DEFAULT
<code>color</code>	No	default system StatusBar background color, or 'black' if not defined

barStyle

Sets the color of the status bar text.

On Android, this will only have an impact on API versions 23 and above.

TYPE	REQUIRED	DEFAULT
<code>StatusBarStyle</code>	No	'default'

hidden

If the status bar is hidden.

TYPE	REQUIRED	DEFAULT
boolean	No	false

networkActivityIndicatorVisible ◀ iOS

If the network activity indicator should be visible.

TYPE	DEFAULT
boolean	false

showHideTransition ◀ iOS

The transition effect when showing and hiding the status bar using the `hidden` prop.

TYPE	DEFAULT
<code>StatusBarAnimation</code>	<code>'fade'</code>

translucent Android

If the status bar is translucent. When `translucent` is set to `true`, the app will draw under the status bar. This is useful when using a semi transparent status bar color.

TYPE	DEFAULT
<code>boolean</code>	<code>false</code>

Methods

popStackEntry()

```
static popStackEntry(entry: StatusBarProps);
```

Get and remove the last `StatusBar` entry from the stack.

Parameters:

NAME	TYPE	DESCRIPTION
<code>entry</code> Required	<code>any</code>	Entry returned from <code>pushStackEntry</code> .

pushStackEntry()

```
static pushStackEntry(props: StatusBarProps): StatusBarProps;
```

Push a StatusBar entry onto the stack. The return value should be passed to `popStackEntry` when complete.

Parameters:

NAME	TYPE	DESCRIPTION
props Required	any	Object containing the StatusBar props to use in the stack entry.

replaceStackEntry()

```
static replaceStackEntry(  
  entry: StatusBarProps,  
  props: StatusBarProps  
): StatusBarProps;
```

Replace an existing StatusBar stack entry with new props.

Parameters:

NAME	TYPE	DESCRIPTION
entry Required	any	Entry returned from <code>pushStackEntry</code> to replace.
props Required	any	Object containing the StatusBar props to use in the replacement stack entry.

setBackgroundColor() Android

```
static setBackgroundColor(color: ColorValue, animated?: boolean);
```

Set the background color for the status bar.

Parameters:

NAME	TYPE	DESCRIPTION
color Required	string	Background color.
animated	boolean	Animate the style change.

setBarStyle()

```
static setBarStyle(style: StatusBarStyle, animated?: boolean);
```

Set the status bar style.

Parameters:

NAME	TYPE	DESCRIPTION
style Required	<u>StatusBarStyle</u>	Status bar style to set.
animated	boolean	Animate the style change.

setHidden()

```
static setHidden(hidden: boolean, animation?: StatusBarAnimation);
```

Show or hide the status bar.

Parameters:

NAME	TYPE	DESCRIPTION
hidden Required	boolean	Hide the status bar.
animation ◀ iOS	<u>StatusBarAnimation</u>	Animation when changing the status bar hidden property.

setNetworkActivityIndicatorVisible() ◀ iOS

```
static setNetworkActivityIndicatorVisible(visible: boolean);
```

Control the visibility of the network activity indicator.

Parameters:

NAME	TYPE	DESCRIPTION
visible Required	boolean	Show the indicator.

setTranslucent() ◀ Android

```
static setTranslucent(translucent: boolean);
```

Control the translucency of the status bar.

Parameters:

NAME	TYPE	DESCRIPTION
translucent Required	boolean	Set as translucent.

Type Definitions

StatusBarAnimation

Status bar animation type for transitions on the iOS.

TYPE
enum

Constants:

VALUE	TYPE	DESCRIPTION
'fade'	string	Fade animation
'slide'	string	Slide animation
'none'	string	No animation

StatusBarStyle


Status bar style type.

TYPE
enum

Constants:

VALUE	TYPE	DESCRIPTION
'default'	string	Default status bar style (dark for iOS, light for Android)
'light-content'	string	Dark background, white texts and icons
'dark-content'	string	Light background, dark texts and icons (requires API>=23 on Android)

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