

macvish / react-native-basic-carousel

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Add two new props for pagination ...

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react-native-basic-carousel

This is a basic React Native carousel which features a pagination.

2:04 PM



README.md



Carousel 1

## Installation

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1. Download package with npm or yarn

```
npm install react-native-basic-carousel
```



```
yarn add react-native-basic-carousel
```



2. Install pods

```
cd ios && pod install
```



3. Rebuild the project

```
npx react-native run-android
npx react-native run-ios
```



# Example

```
import Carousel from 'react-native-basic-carousel'

<Carousel
  data={data}
  renderItem={({item, index}) => <View>{...}</View>}
  itemWidth={width}
  onSnapItem={(item) => console.log(item)}
  pagination
  autoplay
/>
```



To create your own pagination, do this:

```
<Carousel
  data={data}
  renderItem={({item, index}) => <View>{...}</View>}
  itemWidth={width}
  customPagination={({ activeIndex }) => <View><Text>{activeIndex}</Text><View>}
/>
```



# Props

Props	Description	Type	Default
data	Array of items to loop on	Array	Required
renderItem	Takes an item from data and renders it into the	Function	Required

Props	Description	Type	Default
	list. The function receives one argument {item, index} Array		
autoplay	When true, the carousel slides automatically	Boolean	false
autoplayDelay	When true, the carousel slides automatically	Number	2500
itemWidth	Width of carousel's item and carousel itself	Number	<b>Required</b>
onSnapToItem	Callback fired after snapping to an item	Function	undefined
bounces	When true, the carousel bounces when it reaches the end (only available on ios )	Boolean	false
pagination	When true, pagination is displayed under the carousel item	Boolean	false
paginationColor	Takes a color code for the pagination dots	String	undefined
paginationType	Display pagination dots in either circlce mode or default (Rectangle)	String ( default , circle )	default
paginationPosition	Positions pagination to the top of the carousel or bottom	String	( Top , bottom )
paginationBackgroundColor	Background color for pagination wrapper	String	( Top , bottom )
getCurrentIndex	callback to get the current displayed item index	Function	undefined

Props	Description	Type	Default
customPagination	Allows for custom made pagination to be displaued	Function	undefined

Inherited props

The component is built on top of the `FlatList` component, meaning it inherits from `FlatList` , `VirtualizedList` , and `ScrollView` .

You can use almost all props from this three components, but some of them can't be overridden because it would mess with our implementation's logic.

Here are a few useful props regarding carousel's **style and "feeling"**: `scrollEnabled` (if you want to disable user scrolling while still being able to use `Carousel` 's methods), `showsHorizontalScrollIndicator` , `overScrollMode` (android), `decelerationRate` (ios), `scrollEventThrottle` (ios).

And here are some useful ones for **performance optimizations and rendering**: `initialNumToRender` , `maxToRenderPerBatch` , `windowSize` , `updateCellsBatchingPeriod` , `extraData` , `removeClippedSubviews` (the latter may have bugs, as stated in [RN's doc](#)). The first three are already implemented with default parameters, but you can override them if they don't suit your needs.

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