

WEBINAR

React Native iOS Components

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iOS-SPECIFIC COMPONENTS



- DatePickerIOS
- ImagePickerIOS
- InputAccessoryView
- MaskedViewIOS
- NavigatorIOS
- PickerIOS
- ProgressViewIOS

- PushNotificationIOS
- SafeAreaView
- SegmentedControlIOS
- SnapshotViewIOS
- TabBarIOS



iOS-SPECIFIC PROVIDED LIBRARIES



- ActionSheetIOS
- AlertIOS
- ImagePickerIOS
- Settings
- StatusBarIOS



DatePickerIOS



```
<DatePickerIOS
  date={initialDate}
  mode="mode"
  onDateChange={date => { ... }}
/>
date is a JavaScript Date object
```

- mode values are 'date', 'time', and 'datetime' (default)
- Other props are
 - maximumDate
 - minimumDate
 - minimumInterval interval at which minutes can be selected (defaults to 1)
- Can use MomentJS library to work with values



PickerIOS



- For picking an item from a list
- How is this better than the platform-independent **Picker** component?
- If better, add details from book



ProgressViewIOS



- To show percent completion of an activity such as fetching data from a REST service
 - How would you know the percentage, from Content-Length header?
- Other props
 - progressImage
 - trackImage
 - progressTintColor
 - progressViewStyle
 - trackTintColor

```
<ProgressViewIOS
  progress={percentage}
/>
```



ActionSheetIOS ...



- To show action sheets and share sheets
- Action sheets are specified with an array of buttons
 that each have an associated function that is called when pressed
 - setting cancelButtonIndex to 0 places it at bottom

```
ActionSheetIOS.showActionSheetWithOptions(
  buttonTexts,
  cancelButtonIndex: 0,
  successCb);
```

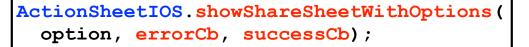


React Native iOS Components

... ActionSheetIOS



- **showShareSheetWithOptions** options
 - url
 - message
 - title
 - subject
 - excludeActivityTypes an array; What are the possible values?
 - successCb is passed
 - a boolean to indicate if successful (Why doesn't it just call errorCb if not successful?)
 - a method (What is this?)



SegmentedControlIOS



- For horizontal tab bars
- Doesn't on its own hide and show other components
- Why not use platform-independent navigation tabs?



TabBarIOS



- Add description
- Doesn't on its own hide and show other components

