



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"
  onChange={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) ;
```



... 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?)

```
ActionSheetIOS.showShareSheetWithOptions (  
  option, errorCb, successCb);
```



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

