UPES
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React Native

Lecture 14: Platform Specific Code

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Platform Specific Code ~

- Provide us to apply conditional code to our application based on the platform on which our application is ruinning on.

- You can customize the look and feel according to the platform.

How to Separate Platform Specific Code ?

- React Native provides two ways to organize and seprate your platform code

1) Using the platform module

2) Using the platform specific file extensions.

Platform module

- Module that detects the platform on which app is running.

- Note

  Use this option when only small parts of a component are platform specific

More about Platform

- Platform.OS → Tells on what platform App is running on.
- Platform.select → Helps you select and return the values according to the platform object. Takes an object as input where keys are: ‘iOS’ | ‘android’ | ‘native’ | ‘default’

Using the platform specific file extensions.

- For example, say you have the following files in your project:

BigButton.ios.js

BigButton.android.js

You can then import the component as follows:

import BigButton from ‘./BigButton';

What if there is no android and iOS ?

- You can also use the .native.js extension when a module needs to be shared between NodeJS/Web and React Native but it has no Android/iOS differences. This is especially useful for projects that have common code shared among React Native and ReactJS.

Thank You !