

Platform Specific Code

# Platform Specific Code

---

Two main ways to implement Platform Specific code

1. Use platform-specific file extensions.
2. Use Platform module

# Platform Specific Code

---

Platform specific file extensions

`PeopleComponent.ios.js`

`PeopleComponent.android.js`

```
import PeopleComponent from './PeopleComponent';
```

# Platform Specific Code

---

## Platform module

```
import { View, Text, Platform } from 'react-native';

render() {
  if (Platform.OS === 'ios') {
    return <Text>We are on iOS</Text>
  }

  return <Text>We are on Android</Text>
}
```

# Platform Specific Code

---

## Platform module

```
import { View, Text, Platform } from 'react-native';

render() {
  const isIos = Platform.OS === 'ios';

  if (isIos) {
    return <Text>We are on iOS</Text>
  }

  return <Text>We are on Android</Text>
}
```

# Platform Specific Code

---

## Platform module

```
const styles = StyleSheet.create({  
  text: {  
    fontSize: Platform.OS === 'ios' ? 22 : 18,  
  },  
});
```

# Platform Specific Code

---

## Platform module - Platform.Select

```
render() {  
  const Component = Platform.select({  
    ios: () => TouchableHighlight,  
    android: () => TouchableWithoutFeedback,  
  })();  
  
  return (  
    <Component onPress={console.log}>  
      <Text style={styles.text}>Hello World</Text>  
    </Component>  
  );  
}
```

# Platform Specific Code

---

Platform module - Platform.Select styling

```
const styles = StyleSheet.create({
  text: {
    ...Platform.select({
      ios: {
        fontSize: 32,
      },
      fontSize: 12,
    }),
  },
});
```