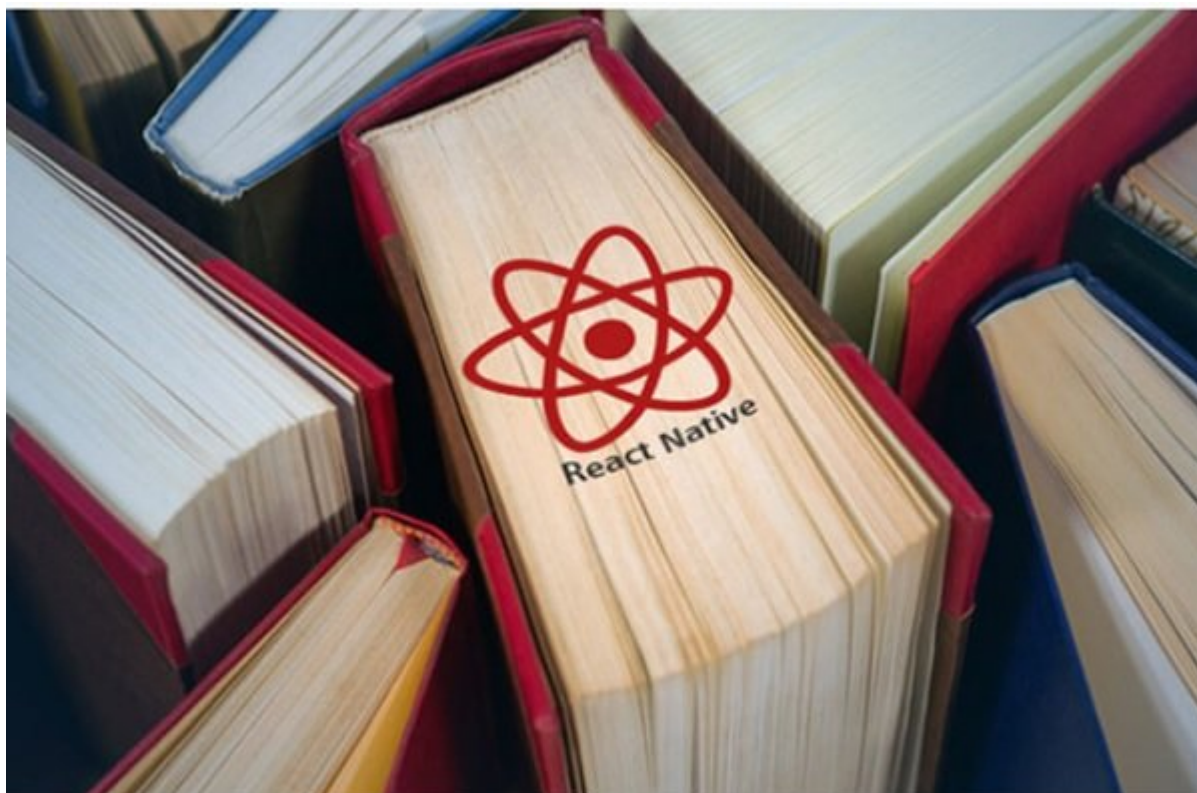


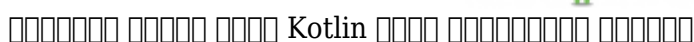
如何實現 React Native 與 React 的互操作

如何實現 React Native 與 React 的互操作



React Native 是一個基於 React 的移動端開發框架，它允許開發者使用 React 的編寫方式來開發移動端應用。React Native 的核心理念是「原生」，即它生成的應用是基於原生的 UI 組件，而不是像 React 那樣生成一個 Web 頁面。這使得 React Native 應用在性能和用戶體驗上更接近原生應用。然而，這也帶來了互操作的挑戰，因為 React Native 和 React 的運行環境和 API 存在差異。本文將探討如何實現 React Native 與 React 的互操作。

React Native 的互操作主要分為兩種情況：一是 React Native 應用中調用 React 的 API，二是 React 應用中調用 React Native 的 API。對於 React Native 應用調用 React API 的情況，通常通過 React Native 提供的 Bridge 機制來實現。對於 React 應用調用 React Native API 的情況，則需要通過 React Native 的 Web 端支持來實現。本文將分別介紹這兩種情況的實現方法。

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DOM tree structure is a tree structure of DOM nodes. DOM nodes are the building blocks of a web page. They represent the elements of the page, such as the HTML elements, CSS styles, and JavaScript code. DOM nodes are organized into a tree structure, where each node has a parent node and one or more child nodes. The root node is the top-level node, and it represents the entire document. The root node has a single child node, the `html` element. The `html` element has several child nodes, including the `head` and `body` elements. The `body` element contains the main content of the page. The `head` element contains meta-information about the page, such as the title and the links to external resources. The DOM tree structure is used by the browser to render the page. It allows the browser to traverse the tree and find the elements that need to be rendered. The DOM tree structure is also used by JavaScript to manipulate the page. It allows JavaScript to access and modify the elements of the page, such as changing the text of an element or adding a new element to the page.

DOM은 브라우저가 렌더링하는 HTML의 구조를 나타내는 트리 구조입니다. React는 이 DOM 트리를 관리하고 업데이트하는 데 사용됩니다. React는 DOM 트리를 관리하는 데 사용되는 라이브러리입니다. React는 DOM 트리를 관리하는 데 사용되는 라이브러리입니다. React는 DOM 트리를 관리하는 데 사용되는 라이브러리입니다.

3. React Native 的 优势

React Native 的优势在于它允许开发者使用熟悉的 JavaScript 和 React 来构建移动应用，而不是使用原生语言（如 Java 或 Swift）。这使得开发过程更加简单和快速，并且可以跨平台运行。此外，React Native 还提供了接近原生应用的性能和用户体验。

ES6 的 优势



ES6 的 优势在于它引入了许多新的语法特性和功能，使得 JavaScript 代码更加简洁、易读和高效。这些特性包括箭头函数、类、模块化等。

10. React Native 的 优势

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5. (Declarative) 的 优势

React Native 的 (Declarative) 优势在于它允许开发者使用声明式的方式来构建用户界面。这意味着开发者只需要描述他们想要看到什么，而不是如何构建它。这使得代码更加简洁和易于维护。

6. React Native 的 优势

```
1 import React, {Component} from 'react'
2 import { Scene, Router, Actions } from 'react-native-router-flux'
3 import { StyleSheet, Text, View, Image } from 'react-native'
4
5 import AboutPage from './components/AboutPage'
6 import MainPage from './components/MainPage'
7 import AmiciWiki from './components/AmiciWikiMain'
8 import AmiciInfo from './components/AmiciInfo'
9 import RecyclePage from './components/RecyclePage'
10 import Login from './components/Login'
11
12 const RouterComponent = () => {
13   return (
14     <Router sceneStyle={{ paddingTop: 55 }}>
15       <Scene key="MainPage" component={MainPage} title="Home" />
16       <Scene key="AboutPage" component={AboutPage} title="About amEco" />
17       <Scene key="RecyclePage" component={RecyclePage} title="RecyclePage" />
18       <Scene key="AmiciWiki" component={AmiciWiki} title="AmiciWiki" />
19       <Scene key="AmiciInfo" component={AmiciInfo} title="Amici Info" />
20       <Scene key="Login" component={Login} title="Login" />
21     </Router>
22   );
23 };
24
25 export default RouterComponent
26
```

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React Native

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<https://www.shabakeh-mag.com/workshop/programming/11912/react-%D9%88-react-native-%D8%A7%D9%88-%D8%A6%D9%87%D8%A7%D8%B1%DA%86%D9%88%D8%A8-%D8%B4%DA%AF%D9%81%D8%AA%E2%80%8C%D8%A7%D9%86%DA%AF%DB%8C%D8%B2-%D8%AC%D8%A7%D9%88%D8%A7%D8%A7%D8%B3%DA%A9%D8%B1%DB%8C%D9%BE%D8%AA%DB%8C>