



## EXPLORER

## ▶ OPEN EDITORS

## ◀ WDI



main

◀ java

◀ pl

◀ wp

◀ wdi

≡ FancyManager.kt

≡ FancyPackage.kt

◀ res

AndroidManifest.xml

.classpath

build.gradle

▶ ios

▶ ios

▶ node\_modules

.babelrc

.buckconfig

.flowconfig

.gitattributes

.gitignore

{ } .watchmanconfig

JS App.js

{ } app.json

JS index.js

## ▶ DOCKER

## ▶ CODE OUTLINE

## ▶ MAVEN PROJECTS

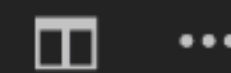


JS App.js

≡ FancyManager.kt x



```
1  package pl.wp.wdi
2
3  import com.facebook.react.bridge.ReactApplicationContext
4  import com.facebook.react.bridge.ReactContextBaseJavaModule
5  import com.facebook.react.bridge.ReactMethod
6  import com.facebook.react.bridge.Promise;
7
8  import android.util.Log
9
10 class FancyManager(reactContext: ReactApplicationContext): ReactContextBaseJavaModule(reactContext) {
11     ... override fun getName(): String {
12     ...         return "FancyNativeModule"
13     ...     }
14
15     ... /*
16     ...  * GW: Manager class must have at least one method to be visible as
17     ...  * NativeModule!
18     ...  */
19     ... @ReactMethod
20     ... fun addNumbers(first: Int, second: Int, promise: Promise) {
21     ...         promise.resolve(first + second);
22     ...     }
23 }
```



## EXPLORER

## ▶ OPEN EDITORS

## ◀ WDI

- ▶ \_\_tests\_\_
- ▶ .vscode
- ▶ android
- ▶ fancy-native-module
- ▶ ios
- ▶ node\_modules
- 6 .babelrc
- ≡ .buckconfig
- ≡ .flowconfig
- 🔍 .gitattributes
- 🔍 .gitignore
- { } .watchmanconfig
- JS App.js
- { } app.json
- JS index.js
- { } package.json
- ≡ yarn-error.log
- 👤 yarn.lock



## ▶ DOCKER

## ▶ CODE OUTLINE

## ▶ MAVEN PROJECTS

JS App.js

FancyManager.kt

```
1  /**
2   * Sample React Native App
3   * https://github.com/facebook/react-native
4   * @flow
5   */
6
7  import React, { Component } from "react";
8  import { Platform, StyleSheet, Text, View } from "react-native";
9
10 import { NativeModules } from "react-native";
11
12 const instructions = Platform.select({
13   ios: "Press Cmd+R to reload,\n" + "Cmd+D or shake for dev menu",
14   android: "Double tap R on your keyboard to reload,\n" + "Shake or press menu button for dev menu",
15 });
16
17 type Props = {};
18 export default class App extends Component<Props> {
19   componentDidMount = () => {
20     const { FancyNativeModule } = NativeModules;
21     FancyNativeModule.addNumbers(1, 2).then(result => {
22       console.log(`Sum is ${result}`);
23     });
24   };
25
26   render() {
27     return (
28       <View style={styles.container}>
29         <Text style={styles.welcome}>Wel
30         <Text style={styles.instructions}
31         <Text style={styles.instructions}>{instructions}</Text>
32       </View>
33     );
34   }
35 }
```

```
NativeModule!
/**
 * @ReactMethod
 * fun addNumbers(first: Int, second: Int, promise: Promise) {
 *   promise.resolve(first + second);
 * }
```