

Dependencies used

- **react-native-elements** : To use native components like Button, etc.
- **styled-components**: To style components.
- **react-native-viewport-units**: To make use of CSS units like VW, VH

Components

1. useWithDialogService -:

- This is the higher order component wrapping the dialog box.
- It allows the parent component to pass params to the dialog box and making the dialog box functional according to the parent controller.
- It provides the **Child Component** with following props -:
 1. **isOpen**: State of the dialog. (boolean)
 2. **isMultiple**: Multiple dialog box or not. (boolean)
 3. **onConfirm** -: Callback to be called on press of confirm button. For demo purpose it simply closes the dialog box. (Function)
 4. **onCancel** -: Callback to be called on closing of the dialog box. It provides the closing functionality to the dialog box. (Function).
 5. **onCloseAll** -: It closes all the dialog box currently open on the screen. (Function)

2. DialogBox -:

- This is the main dialog box component.
- It is enhanced by wrapping with **useWithDialogService**.
- It receives following props -:
 1. **isOpen**: To render or not to render the dialog box. (boolean)
 2. **isMultiple**: To render the close all button functionality. (boolean)
 3. **onConfirm** -: callback to be called on press of confirm button. For demo purpose it simply closes the dialog box. (Function)
 4. **onCancel** -: callback to be called on closing of the dialog box. It provides the closing functionality to the dialog box. (Function)
 5. **onCloseAll** -: It closes all the dialog box currently open on the screen. (Function)

3. TestComponent-:

- This component is used to demo the use case of presence of single dialog box on the screen.

4. TestComponent2-:

- This component is used to demo the use case of presence of two dialog boxes on the screen.