



MCAST

# INTRODUCTION TO MOBILE APPLICATIONS DEVELOPMENT

**Combining Ionic  
with React**

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# IONIC-REACT

Combining Ionic UI components with React functional components is a match made in heaven!



# SMART UI COMPONENTS

By adding React logic to Ionic components, we can do all sort of things in our mobile app. Consider the simple scenario of showing an Alert box when a user has performed some action:

```
return (  
  <IonPage>  
    <IonContent className="ion-padding">  
      {/* Step 4: Create a button to trigger the alert */}  
      <IonButton expand="full" onClick={handleButtonClick}>  
        Show Alert  
      </IonButton>  
  
      {/* Step 5: Use IonAlert component */}  
      <IonAlert  
        isOpen={showAlert}  
        onDidDismiss={handleAlertDismiss}  
        header="Alert Header"  
        subHeader="Subtitle"  
        message="This is an Ionic alert dialog. Press OK to dismiss."  
        buttons={["Cancel", "OK"]} />  
    </IonContent>  
  </IonPage>  

```

# SMART GESTURES

- We can also combine gestures (ex. Slide) with functional actions.
- Example sliding an item to remove it:

```
return (  
  <IonPage>  
    <IonContent>  
      <IonList>  
        <IonItemSliding onIonDrag={(e) => handleSlideObj(e.detail)}>  
          <IonItem>  
            <IonLabel>Slide me left or right</IonLabel>  
          </IonItem>  
          <IonItemOptions side="start">  
            <IonItemOption  
              color="danger"  
              onClick={() => handleClick("start")}  
            >  
              Delete  
            </IonItemOption>  
          </IonItemOptions>  
          <IonItemOptions side="end">  
            <IonItemOption color="success" onClick={() => handleClick("end")}>  
              Archive  
            </IonItemOption>  
          </IonItemOptions>  
        </IonItemSliding>  
      </IonList>  
    </IonContent>  
  </IonPage>  
)
```