

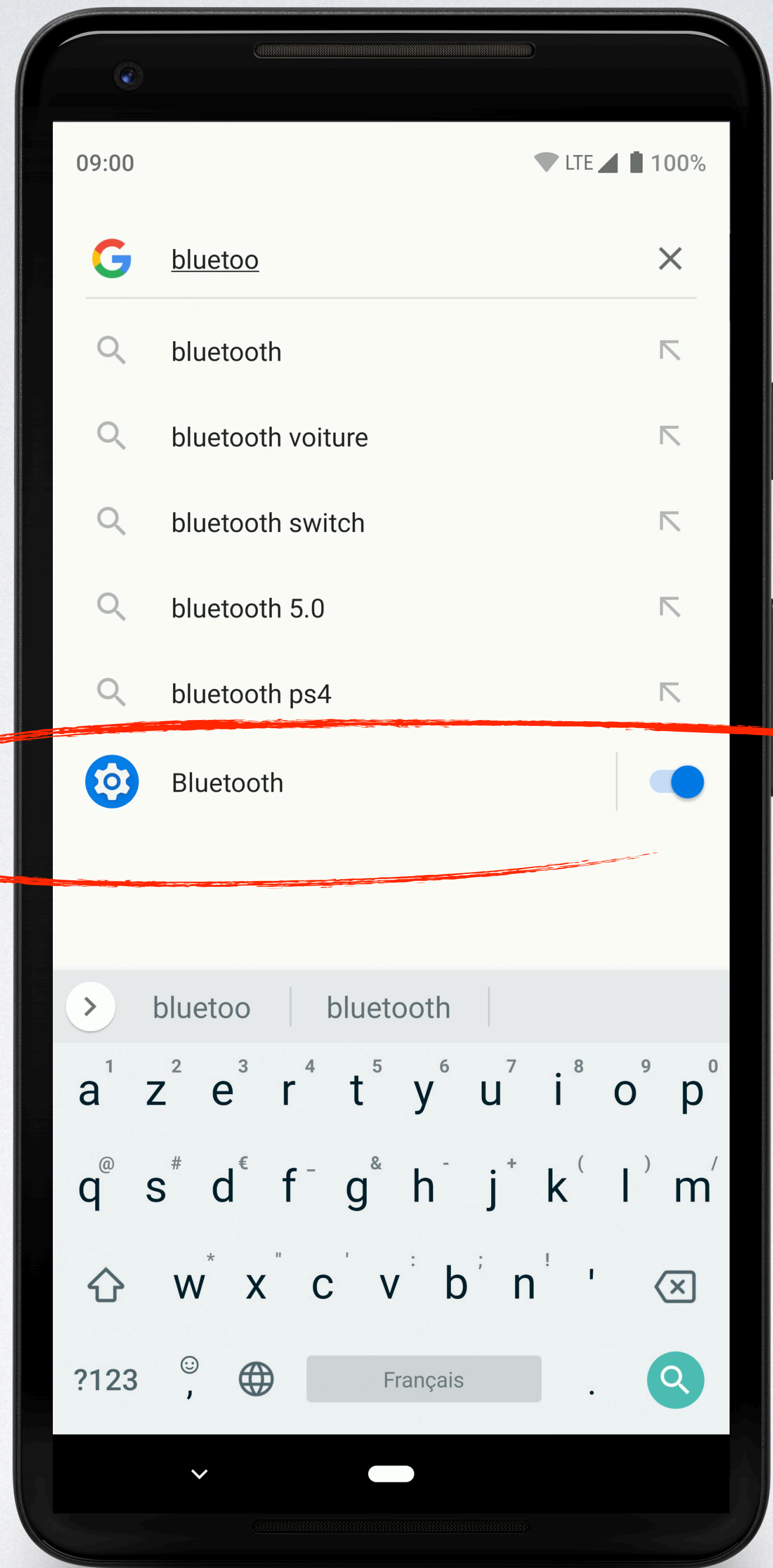
SLICE MY APP

~~SMACK MY BI\*\*H UP~~



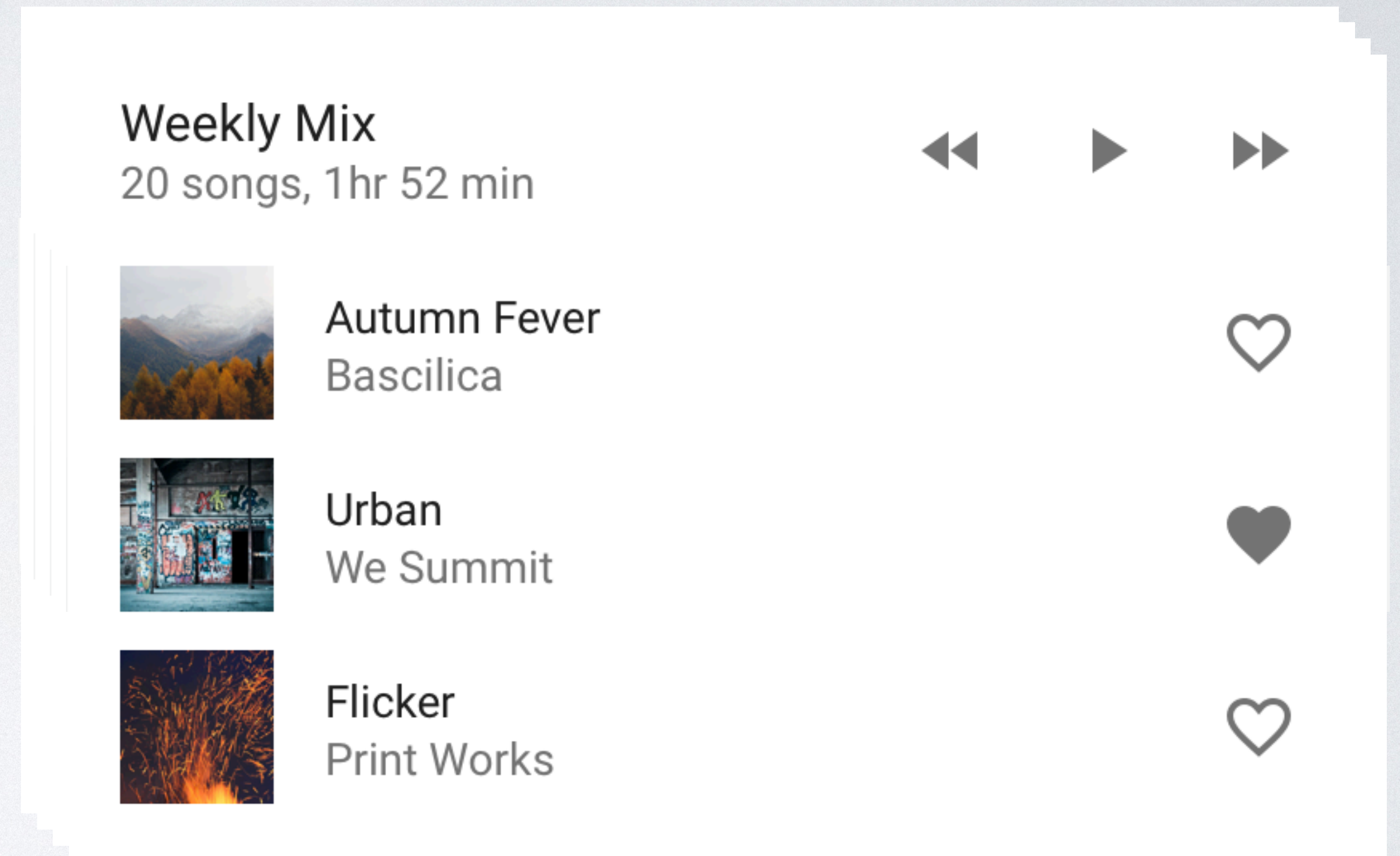




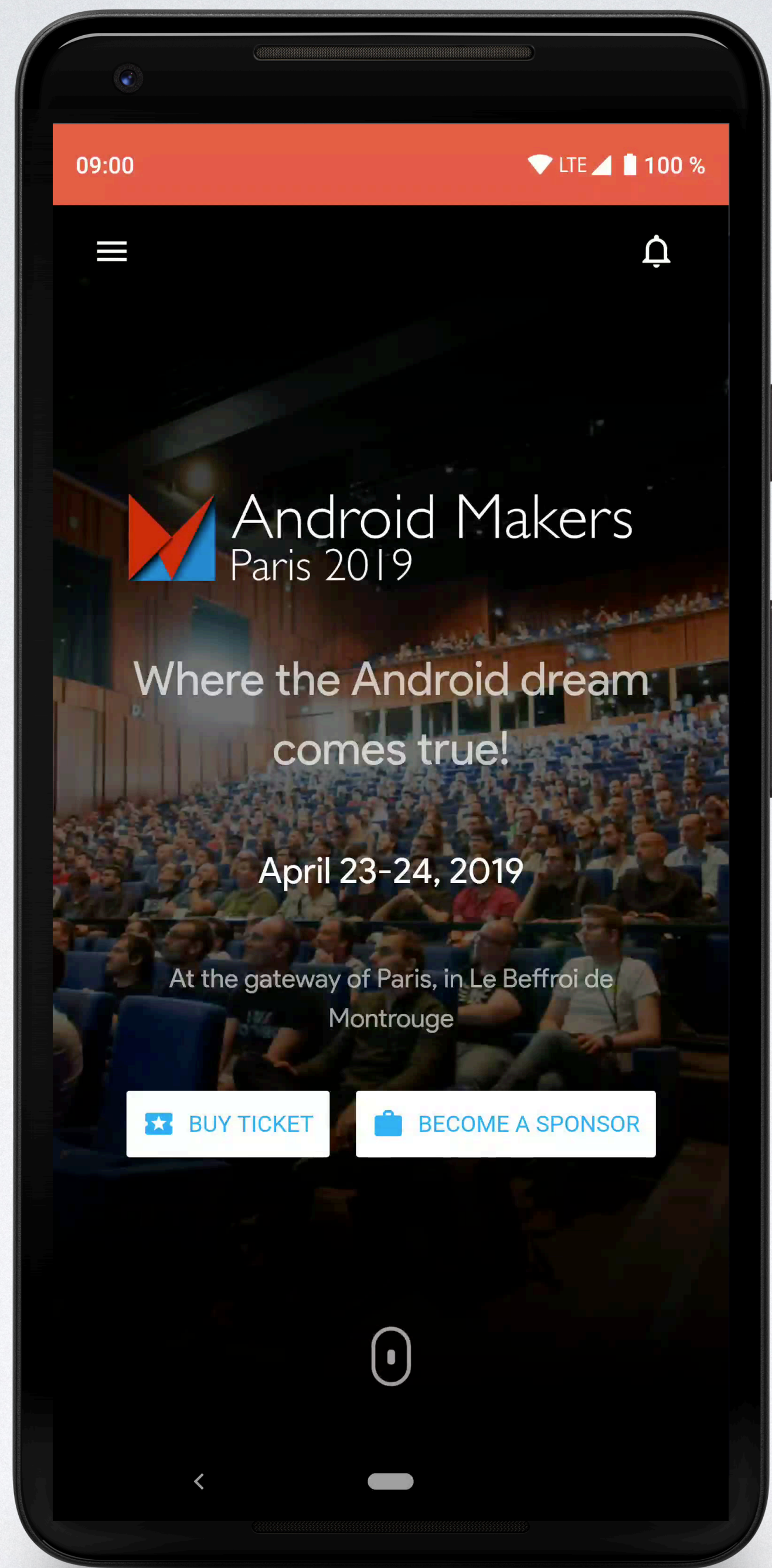




- Icon button
- Toggle button
- Sliders and progress bars
- Grids
- Rows
- Headers
- “See more” ...







09:00

LTE 100 %



# Android Makers Paris 2019

Where the Android dream  
comes true!

April 23-24, 2019

At the gateway of Paris, in Le Beffroi de  
Montrouge

 BUY TICKET

 BECOME A SPONSOR





```
1 class DemoSliceProvider : SliceProvider() {  
2  
3     override fun onCreateSliceProvider(): Boolean {}  
4  
5     override fun onBindSlice(sliceUri: Uri?): Slice {}  
6 }
```





```
1 <provider
2     android:name=".MySliceProvider"
3     android:authorities="com.orange.labs.slicesdemo"
4     android:exported="true">
5     <intent-filter>
6         <action android:name="android.intent.action.VIEW" />
7         <category android:name="android.app.slice.category.SLICE" />
8     </intent-filter>
9 </provider>
```





```
implementation "androidx.slice:slice-builders-ktx:1.0.0-alpha6"
```







# Android Makers

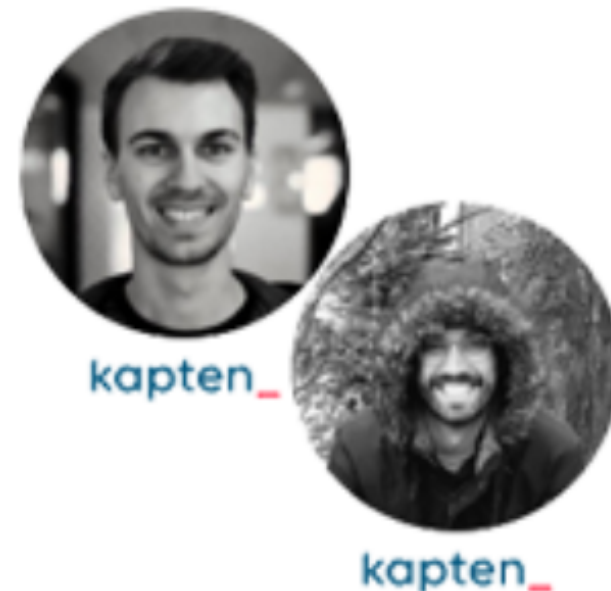
currently live



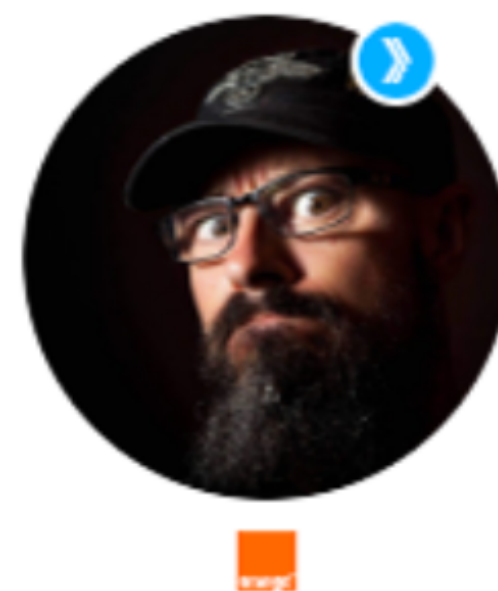
Kotlin Under t...  
Moebius



Painless relea...  
Room A. & L...



i18n  
Room 2.02



Slices  
Room 2.04

} Header

} gridRow

} Cell





```
1     val slice = list(context, sliceUri, ListBuilder.INFINITY) {
2         header {
3             title = "Android Makers"
4             subtitle = "currently live"
5             summary = "Kotlin Under the Covers | Painless release | Kapten | Slices"
6             primaryAction = SliceAction.create(
7                 appIntent, icon, ListBuilder.ICON_IMAGE, "Launch"
8             )
9         }
10    }
11    return slice
```





```
1     gridRow {
2         cell {
3             addImage(kotlinIcon, LARGE_IMAGE)
4             addTitleText("Kotlin Under the Covers")
5             addText("Moebius")
6             contentIntent = kotlinIntent
7         }
8         cell {
9             addImage(releaseIcon, LARGE_IMAGE)
10            addTitleText("Painless release")
11            addText("Room A. & L. Blin")
12            contentIntent = releaseIntent
13        }
14        ...
15    }
```





Slices  
Room 2.04

Rate this talk



```
1  inputRange {  
2      title = "Rate this talk"  
3      inputAction = rateIntent  
4      max = 100  
5      value = 30  
6  }
```



## Slices up your app!

Marc Poppleton - Room 2.04



```
1 val favNoteAction = SliceAction.create(  
2     favIntent,  
3     favIcon,  
4     ICON_IMAGE,  
5     "Add to favourites"  
6 )  
7 ...  
8 addAction(favNoteAction)
```





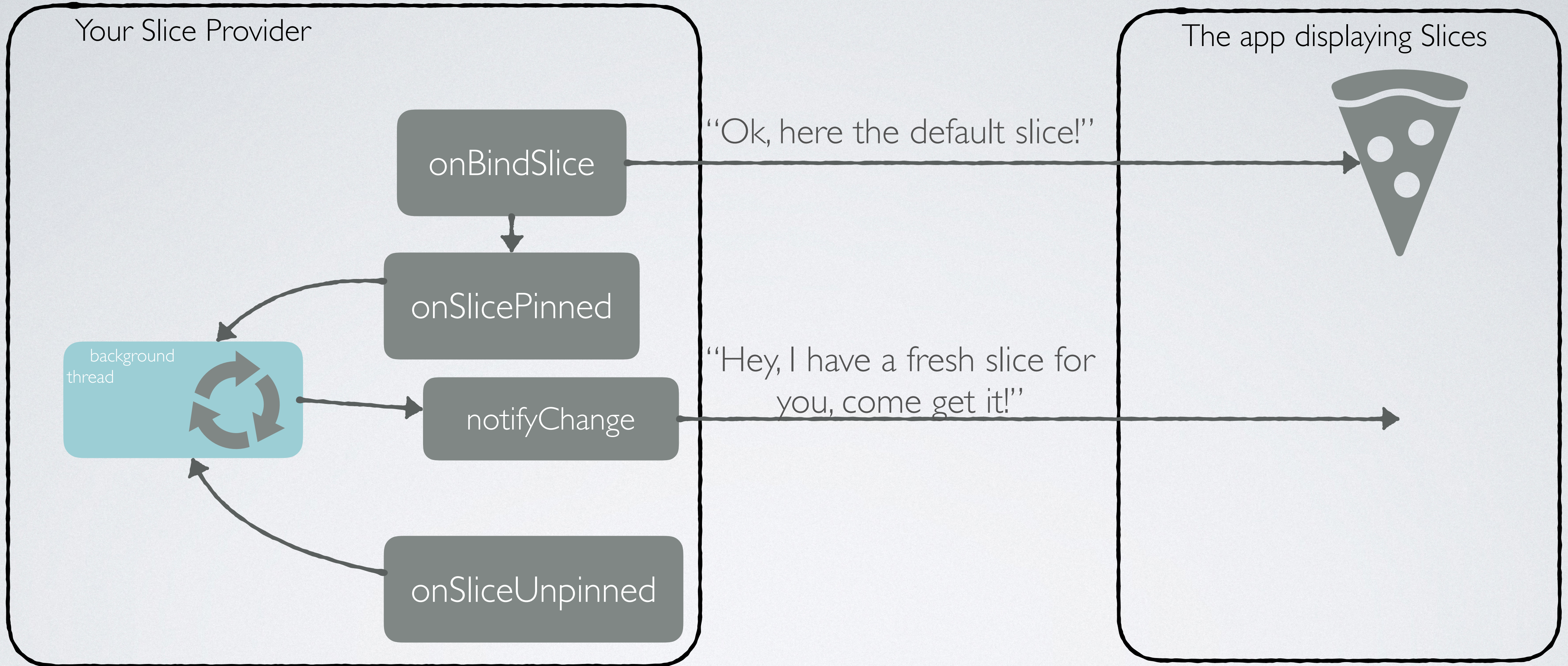
```
1  override fun onBindSlice(sliceUri: Uri): Slice? {  
2      return when (sliceUri.path) {  
3          "/speakers/marcpoppleton" -> buildSpeakerDetails(sliceUri)  
4          "/talks/slices" -> buildTalkDetails(sliceUri)  
5          "/current" -> buildCurrentTalks(sliceUri)  
6          else -> buildDefault(sliceUri)  
7      }  
8  }
```





```
1  override fun onSlicePinned(sliceUri: Uri?)  
2  
3  override fun onSliceUnpinned(sliceUri: Uri?)
```



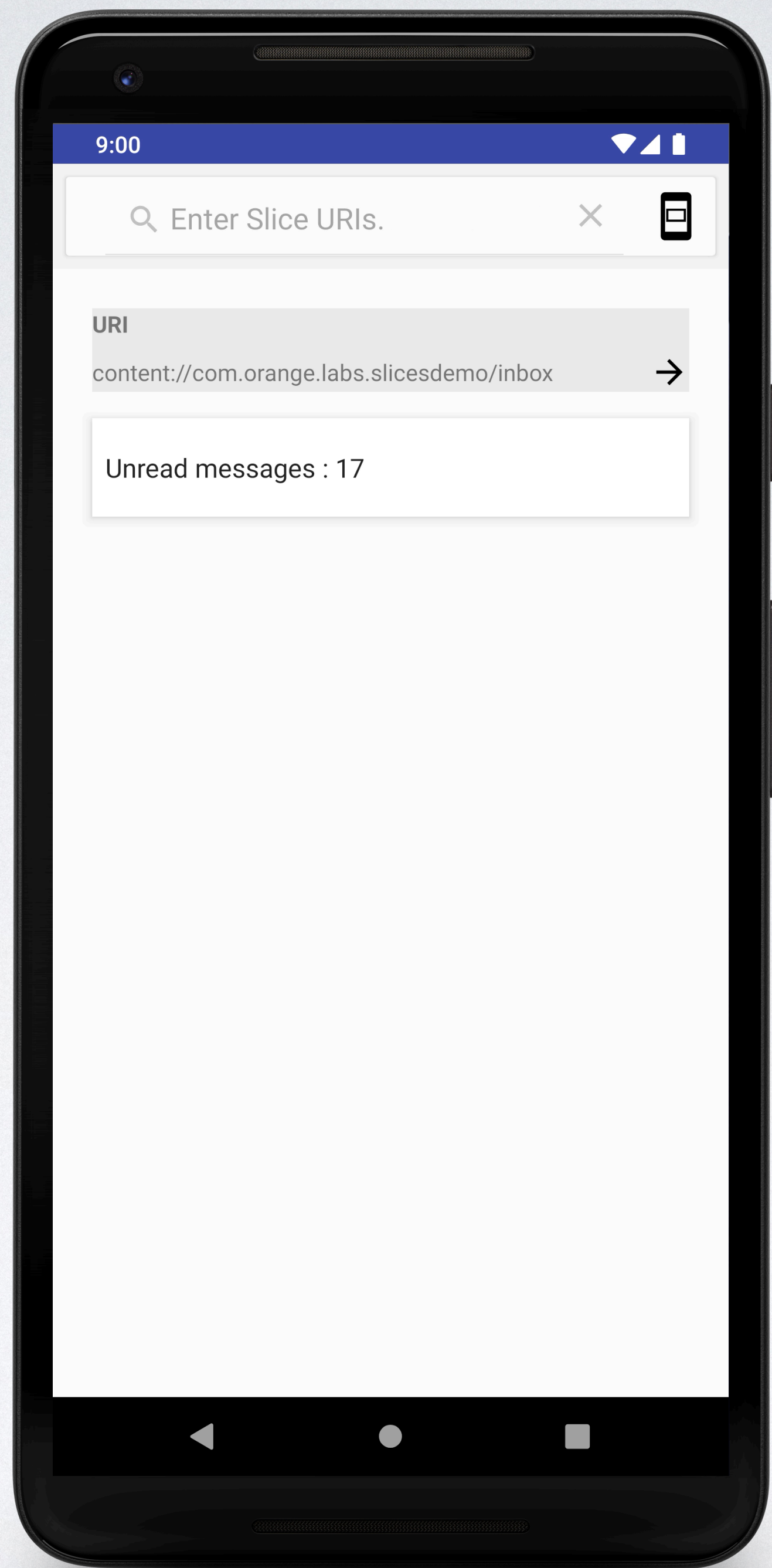






```
1 context.contentResolver.notifyChange(sliceUri, null)
```

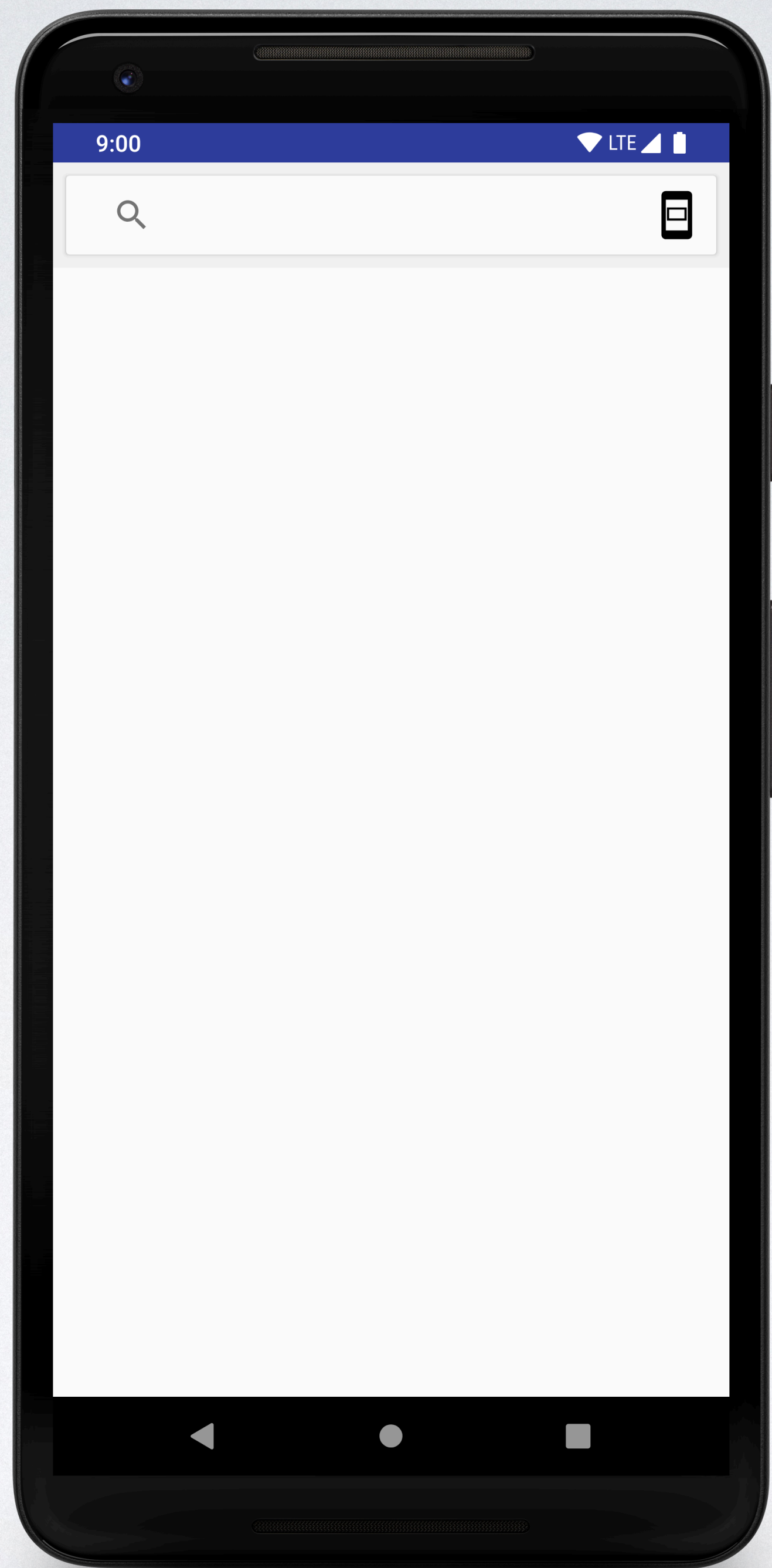




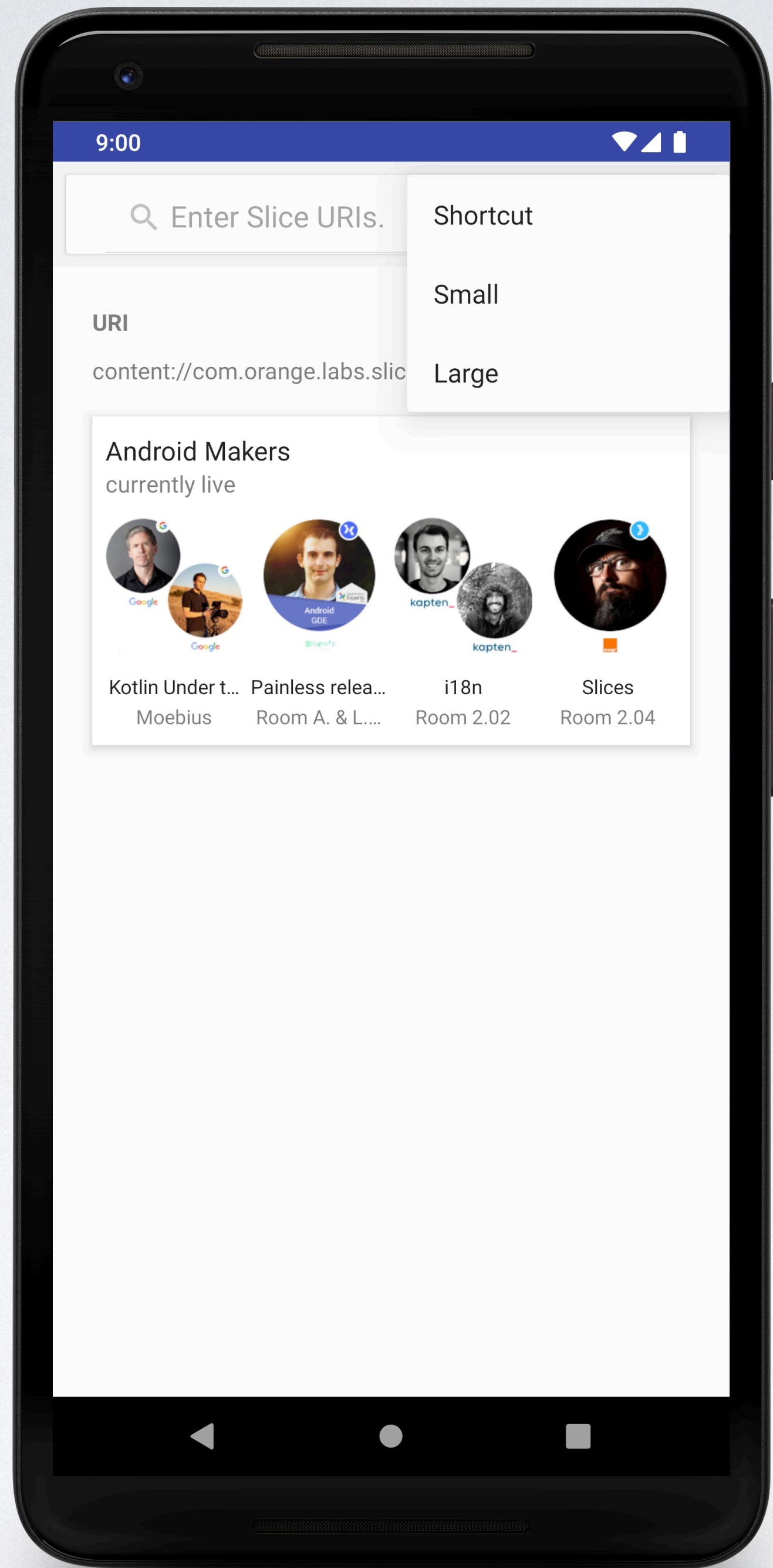




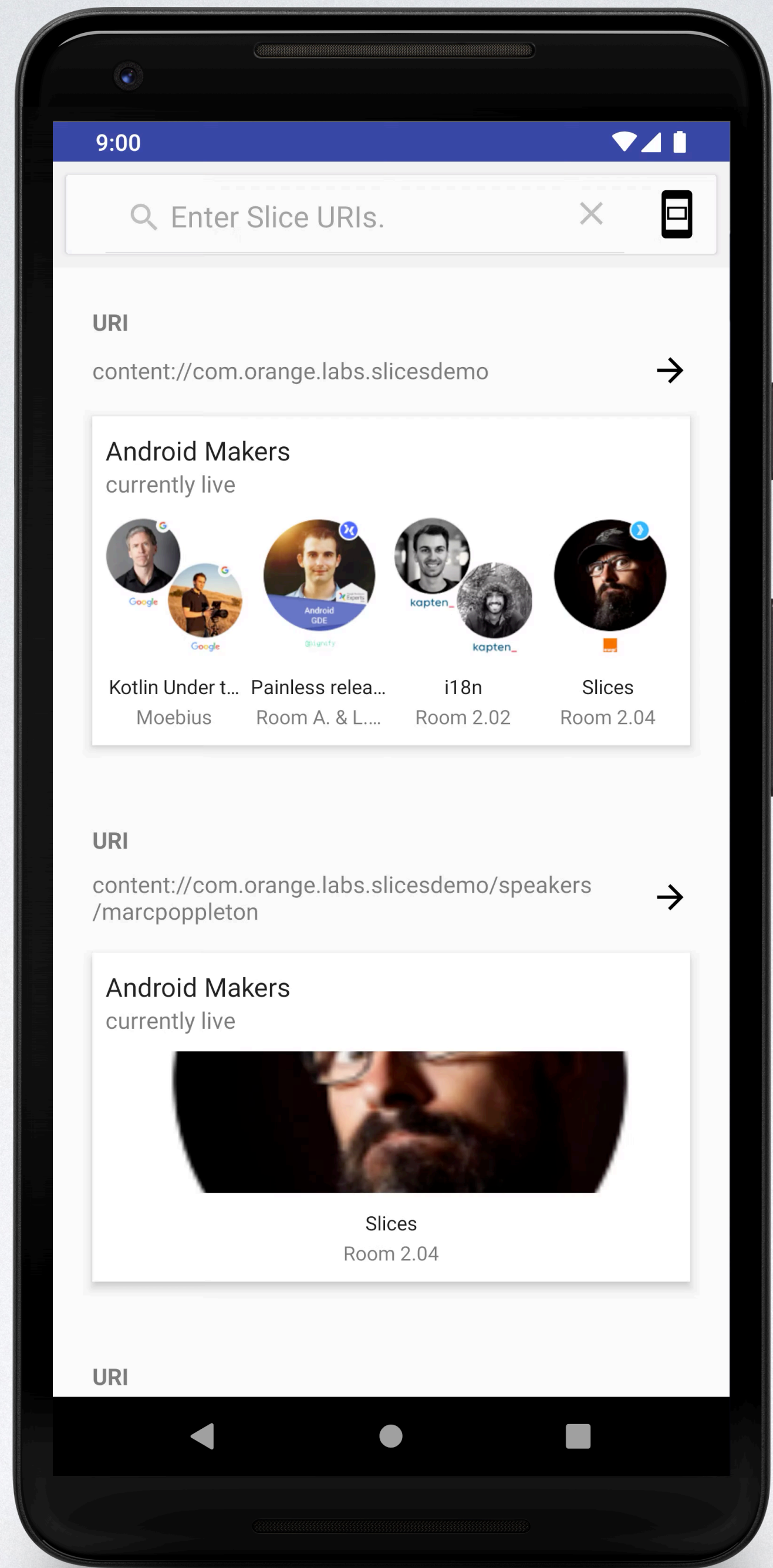




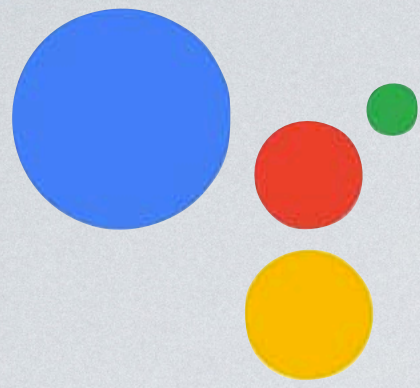












Hi, how can I help?

→ actions.intent.CHECK\_WATERSPORTS\_CONDITIONS

Ask HappySession what's the surf like at




```
<action intentName="actions.intent.CHECK_WATERSPORTS_CONDITIONS">  
  <fulfillment  
    fulfillmentMode="actions.fulfillment.SLICE"  
    urlTemplate="content://foo.bar.slicesdemo/condition{?plage}">  
  </fulfillment>  
</action>
```



content://foo.bar.slicesdemo/condition?plage=trestraou

Happy Sessions  
Trestraou



Trestraou  
50cm onshore, 12°C





+	Name	Action ID	Description
+	Create money transfer	actions.intent.CREATE_MONEY_TRANSFER	Start a money transfer.
+	Get account	actions.intent.GET_ACCOUNT	Get account information for a specified account
+	Get invoice	actions.intent.GET_INVOICE	Get an invoice
+	Get financial position	actions.intent.GET_FINANCIAL_POSITION	Get financial position
+	Pay invoice	actions.intent.PAY_INVOICE	Pay an invoice
+	Create trade order	actions.intent.CREATE_TRADE_ORDER	Create a trade order
+	Get exercise plan	actions.intent.GET_EXERCISE_PLAN	Get an exercise plan
+	Get exercise observation	actions.intent.GET_EXERCISE_OBSERVATION	Get exercise observation
+	Get health stats	actions.intent.GET_HEALTH_OBSERVATION	Get information about health stats.
+	Get food observation	actions.intent.GET_FOOD_OBSERVATION	Get information about the food consumption.
+	Start exercise	actions.intent.START_EXERCISE	Start an exercise routine.
+	Stop exercise	actions.intent.STOP_EXERCISE	Complete an exercise routine.
+	Pause exercise	actions.intent.PAUSE_EXERCISE	Pause an exercise routine.
+			



<https://developers.google.com/actions/reference/built-in-intents/>



```
<action intentName="actions.intent.CHECK_WATERSPORTS_CONDITIONS">  
  <fulfillment  
    fulfillmentMode="actions.fulfillment.SLICE"  
    urlTemplate="content://foo.bar.slicesdemo condition{?plage}">  
  </fulfillment>  
</action>
```



```
<action intentName="actions.intent.CHECK_WATERSPORTS_CONDITIONS">
  <fulfillment
    fulfillmentMode="actions.fulfillment.SLICE"
    urlTemplate="content://foo.bar.slicesdemo/condition{?plage}">
    <parameter-mapping
      intentParameter="location"
      urlParameter="plage"
    />
  </fulfillment>
</action>
```



★ **Note:** App Actions, like all Actions that support built-in intents, trigger on a number of factors, including quality and relevancy to the user's request. This means Google may exercise discretion in surfacing your Action in response to a user request.







<https://github.com/googlesamples/android-SliceViewer>





9:00

## Slices Viewer Demo

### An app

Content from the application. Could be anything. Lorem ipsum dolor sit amet, consectetur adipiscing elit. Suspendisse elit ipsum, hendrerit eu ligula eget, malesuada ullamcorper est. Morbi volutpat enim vitae est scelerisque sagittis.

### Doctor Rock

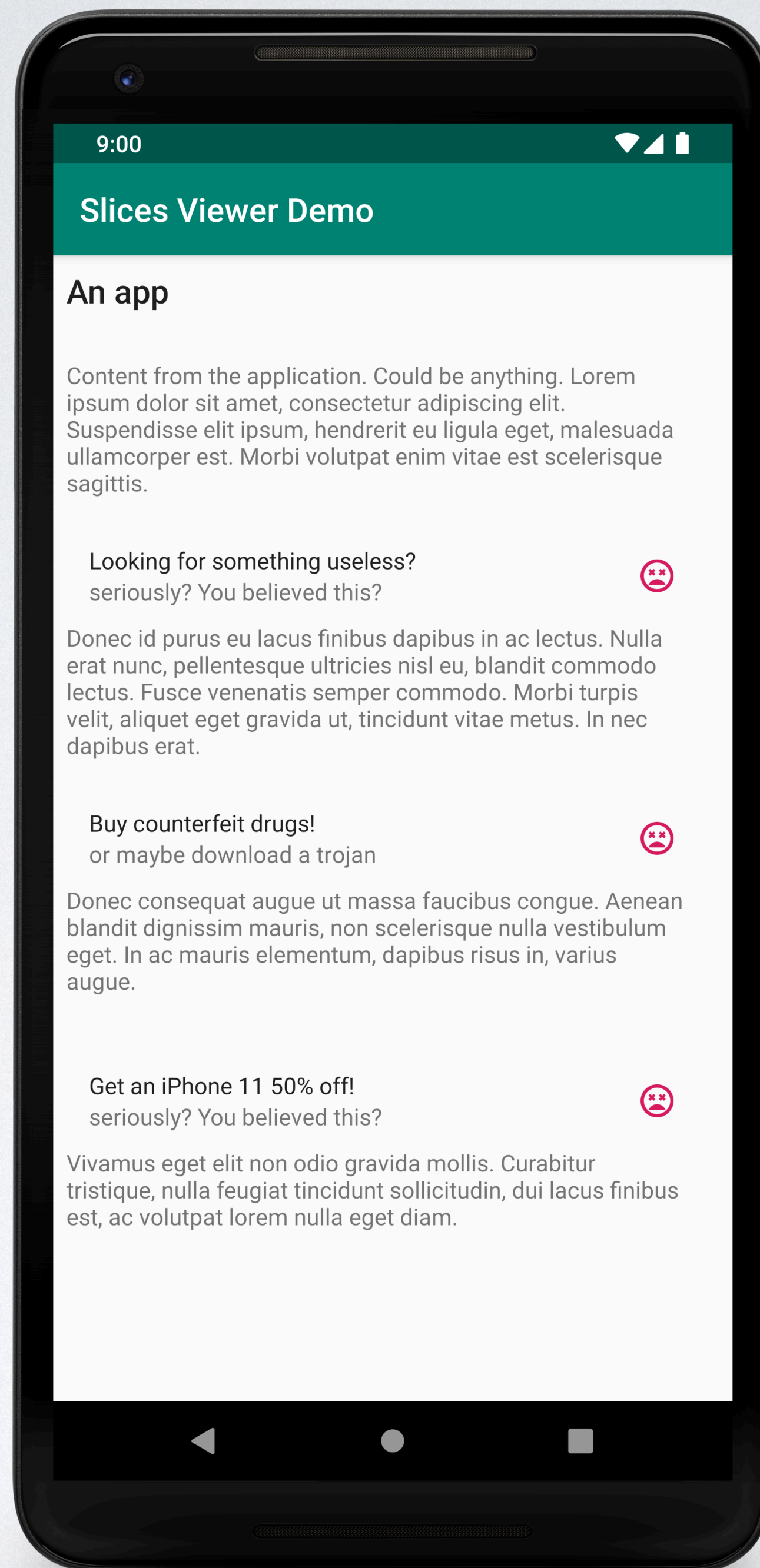
Motörhead - Orgasmatron (1986)



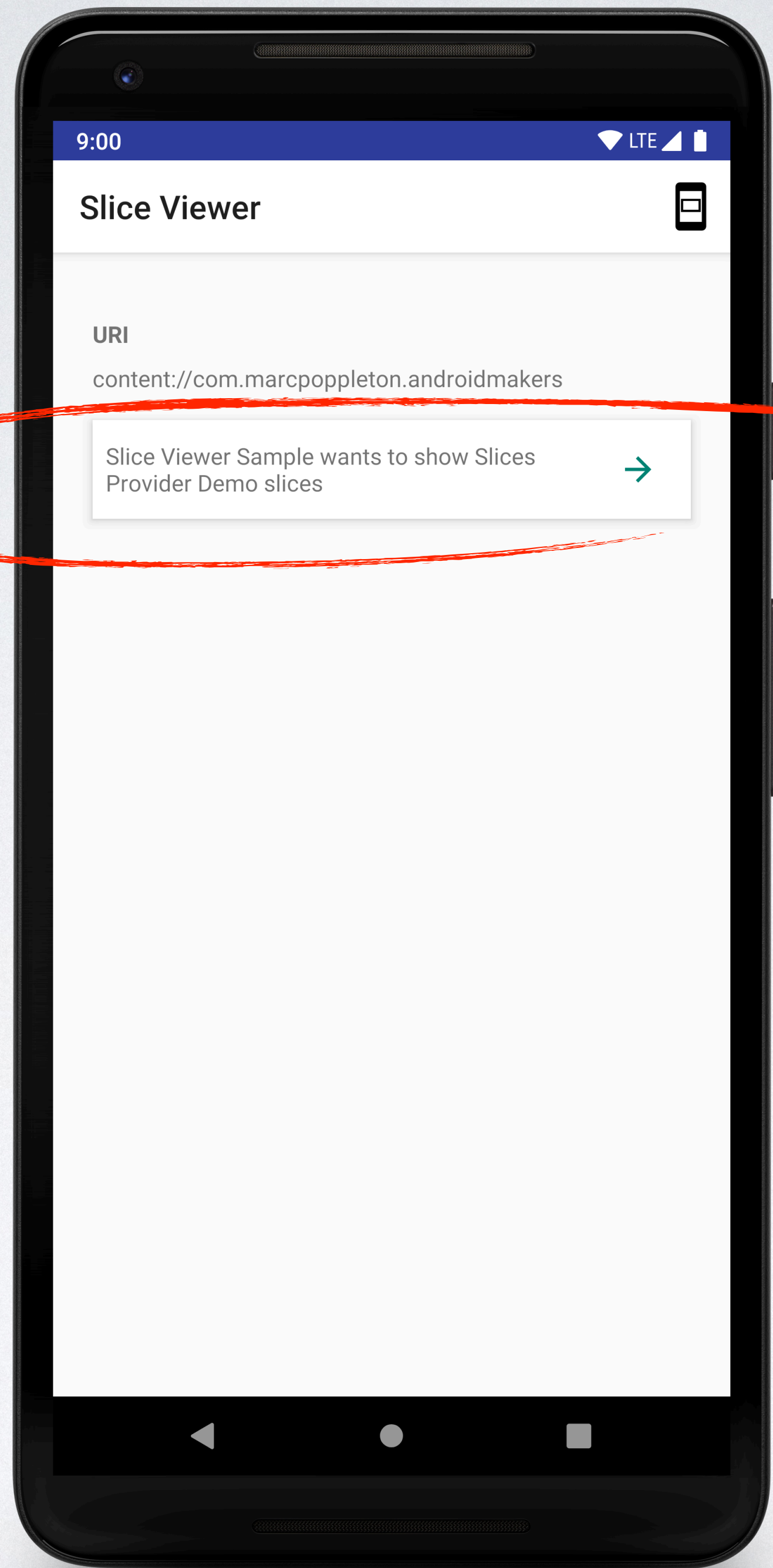
Back to content from the app.

Donec id purus eu lacus finibus dapibus in ac lectus. Nulla erat nunc, pellentesque ultricies nisl eu, blandit commodo lectus. Fusce venenatis semper commodo. Morbi turpis velit, aliquet eget gravida ut, tincidunt vitae metus. In nec dapibus erat. Donec consequat augue ut massa faucibus congue. Aenean blandit dignissim mauris, non scelerisque nulla vestibulum eget. In ac mauris elementum, dapibus risus in, varius augue. Vivamus eget elit non odio gravida mollis. Curabitur tristique, nulla feugiat tincidunt sollicitudin, dui lacus finibus est, ac volutpat lorem nulla eget diam. Ut placerat quam accumsan lacus finibus lobortis. Nulla leo ipsum, volutpat et cursus non, efficitur non nibh. Sed volutpat gravida imperdiet. Pellentesque bibendum purus at nibh mattis, a porttitor ante mollis. Ut ultrices convallis fringilla. Vestibulum ullamcorper scelerisque metus at sodales. Nulla urna ligula, scelerisque sit amet massa at, venenatis tristique purus. Proin eu sem dictum, vulputate libero sit amet, lobortis magna. Aliquam metus est, dapibus sed luctus et, faucibus sit amet ex. In hac habitasse platea dictumst. Vivamus eget odio non nunc ultrices accumsan quis eget dolor. Morbi ornare elementum massa eu dapibus. Quisque ipsum metus, laoreet blandit tellus id, feugiat aliquet mi. Aenean dictum, enim accumsan tempor malesuada, lectus eros aliquam risus, nec placerat metus purus viverra purus. Donec facilisis diam id turpis malesuada, at efficitur quam gravida. Ut ullamcorper nisi nec scelerisque viverra. Pellentesque habitant morbi tristique senectus et netus et malesuada fames ac turpis

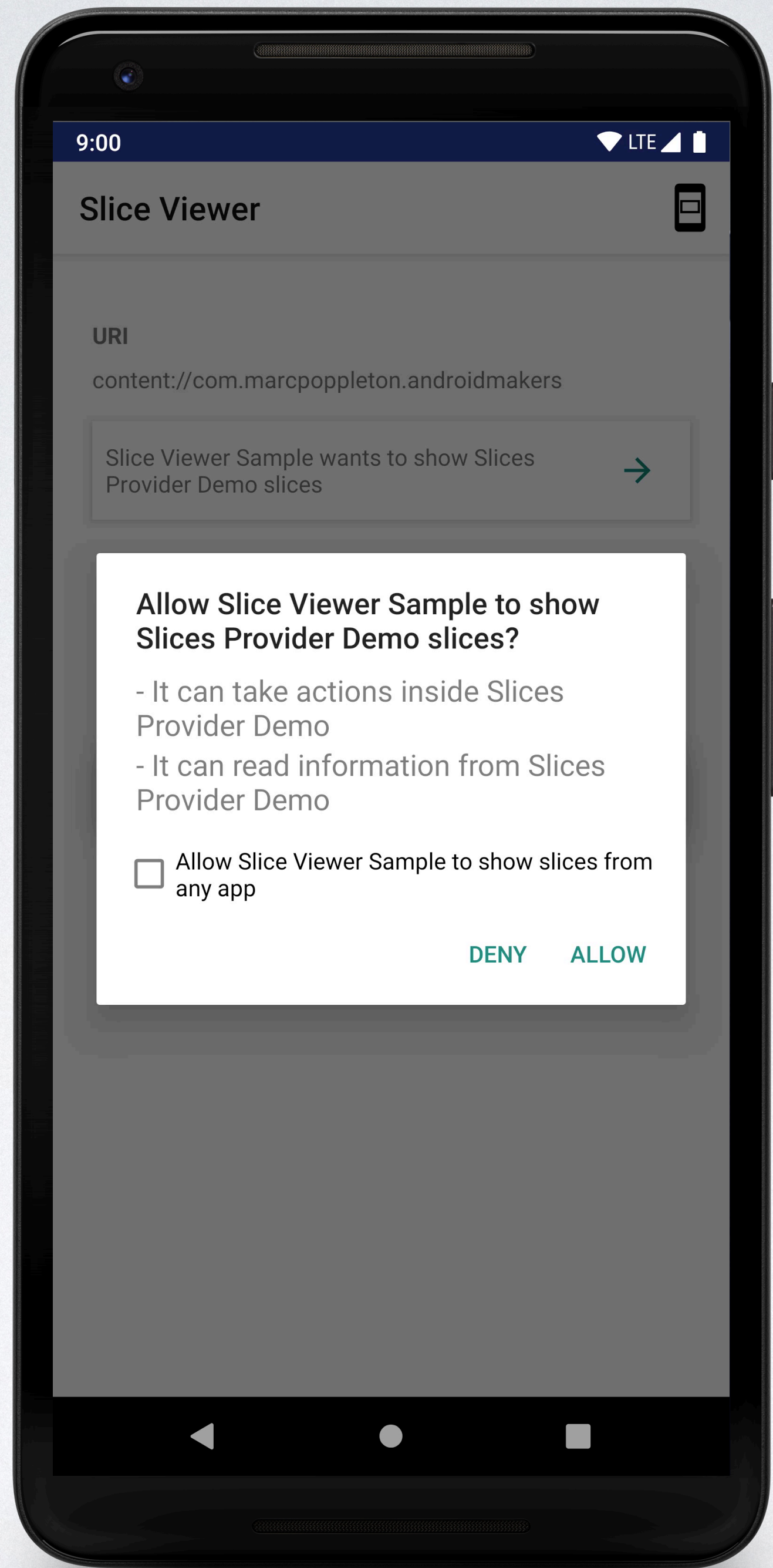








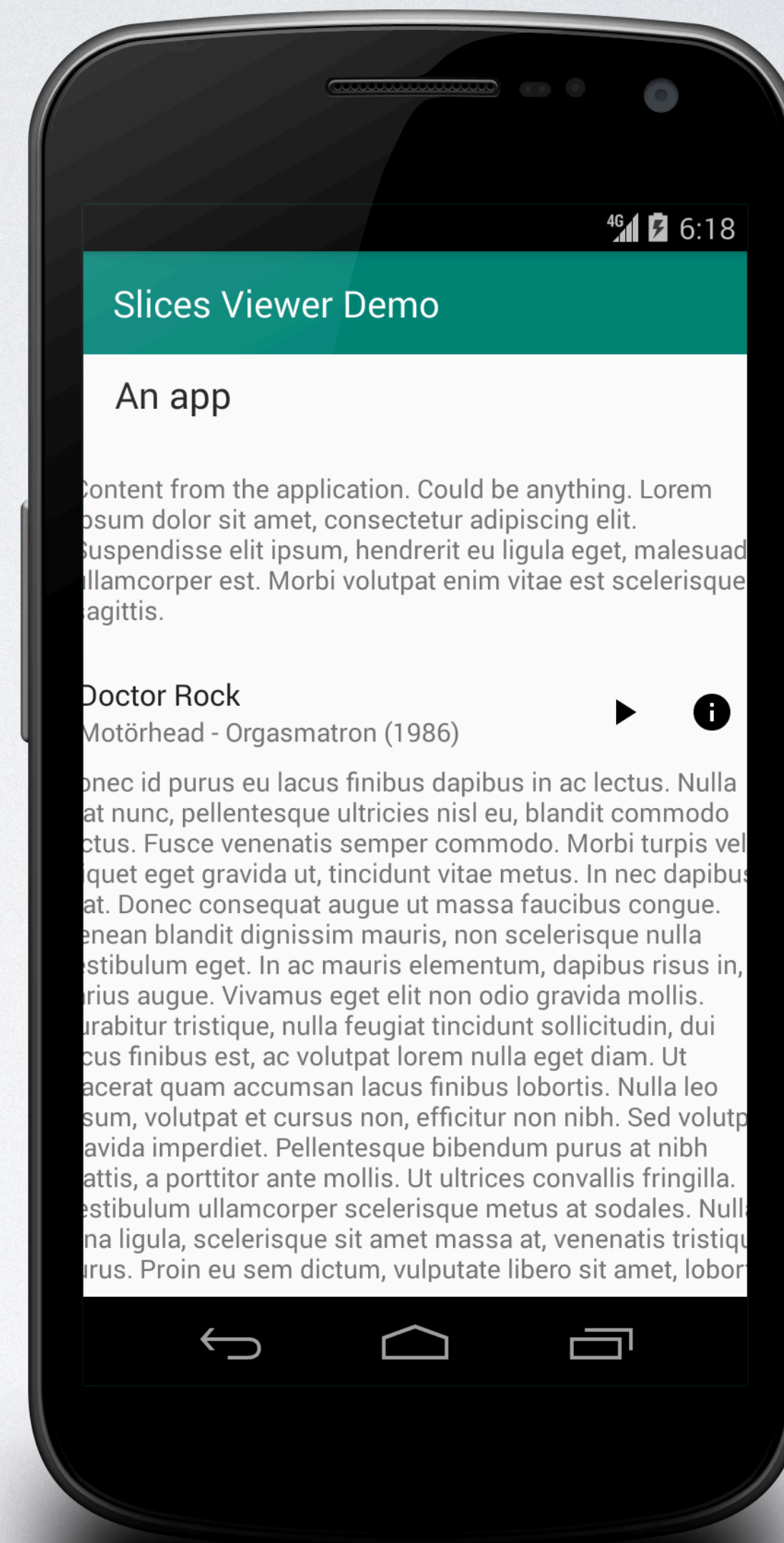








API 28 - Pie



API 19 - Kit Kat





Code  
d'Armor