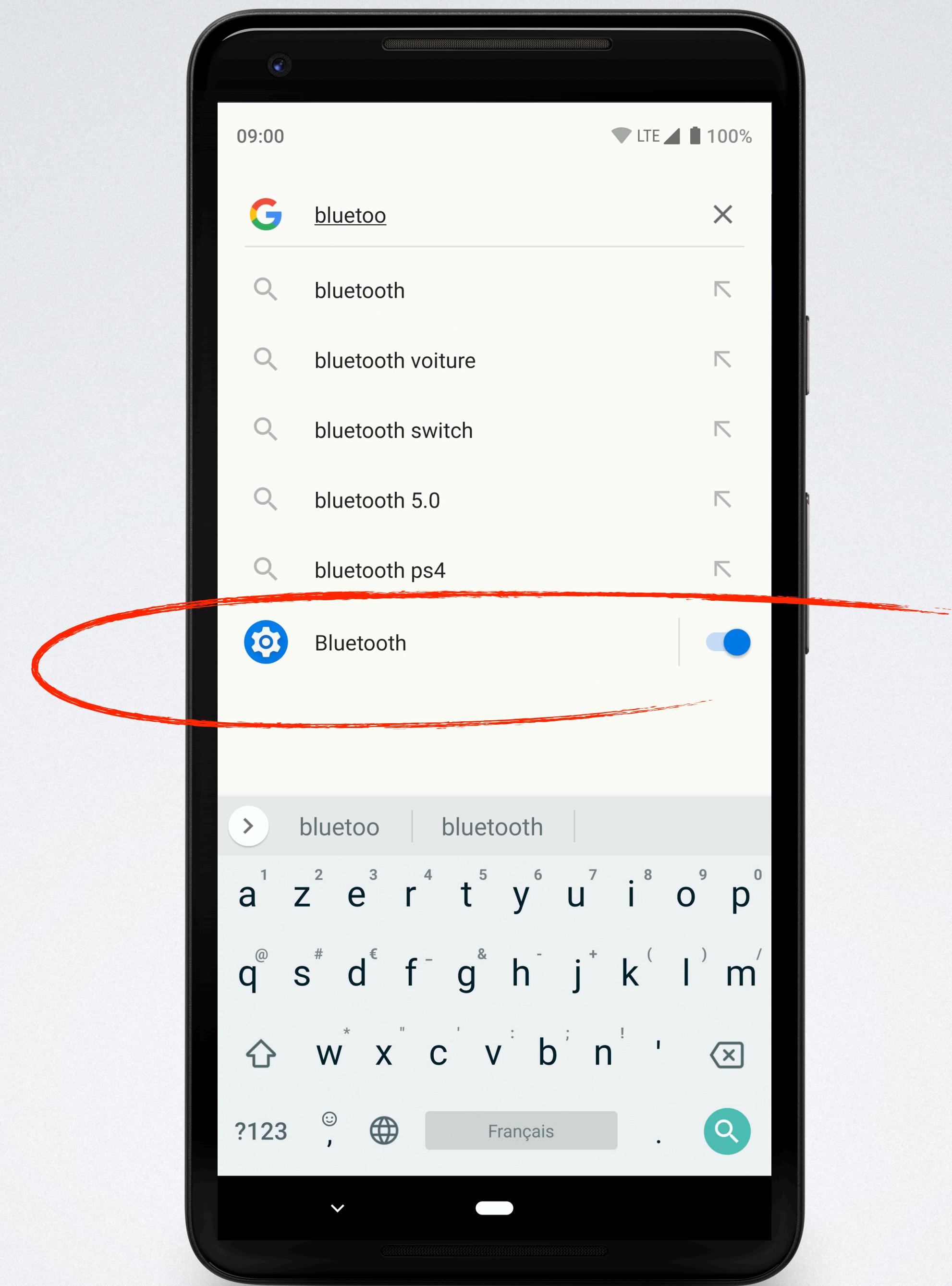


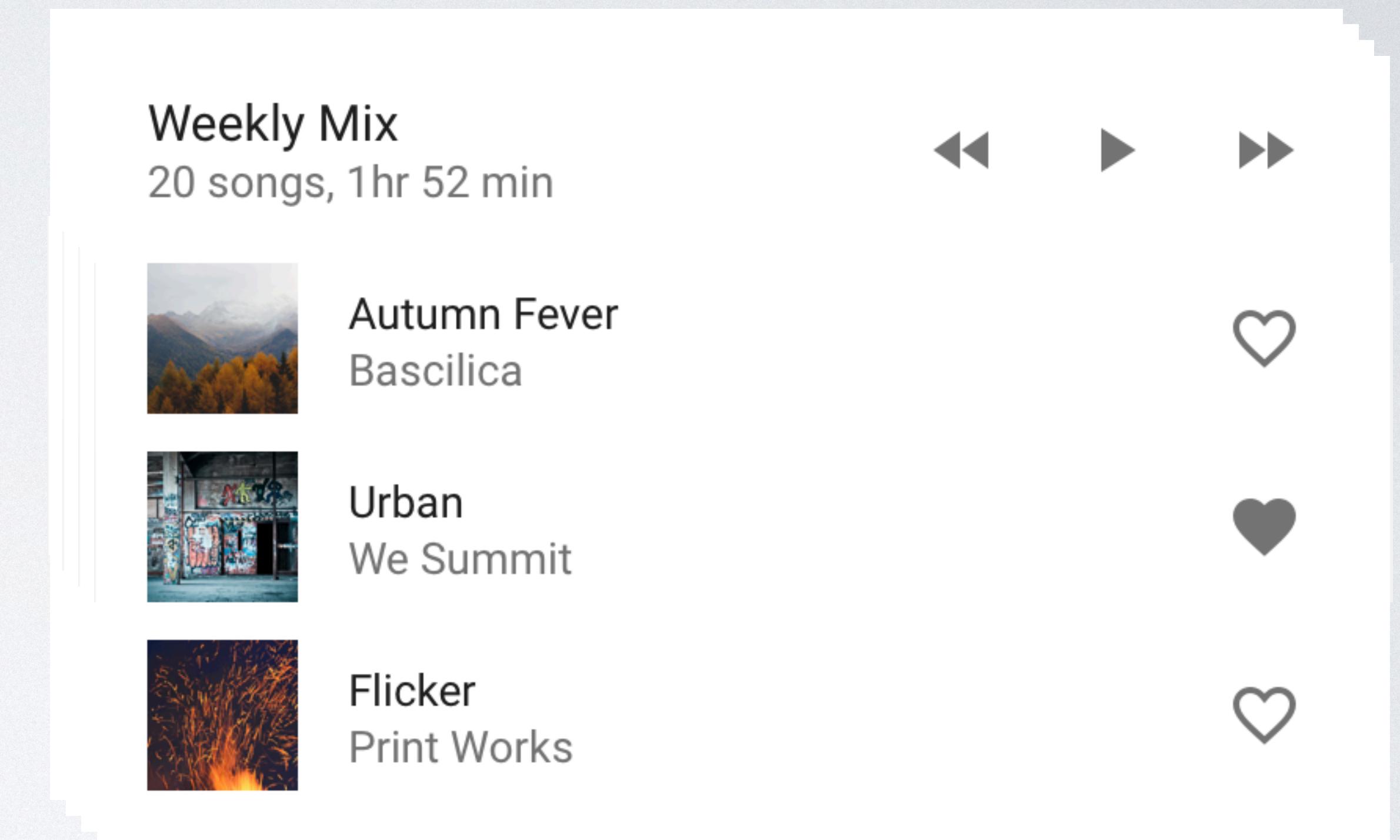
*SLICE MY APP*

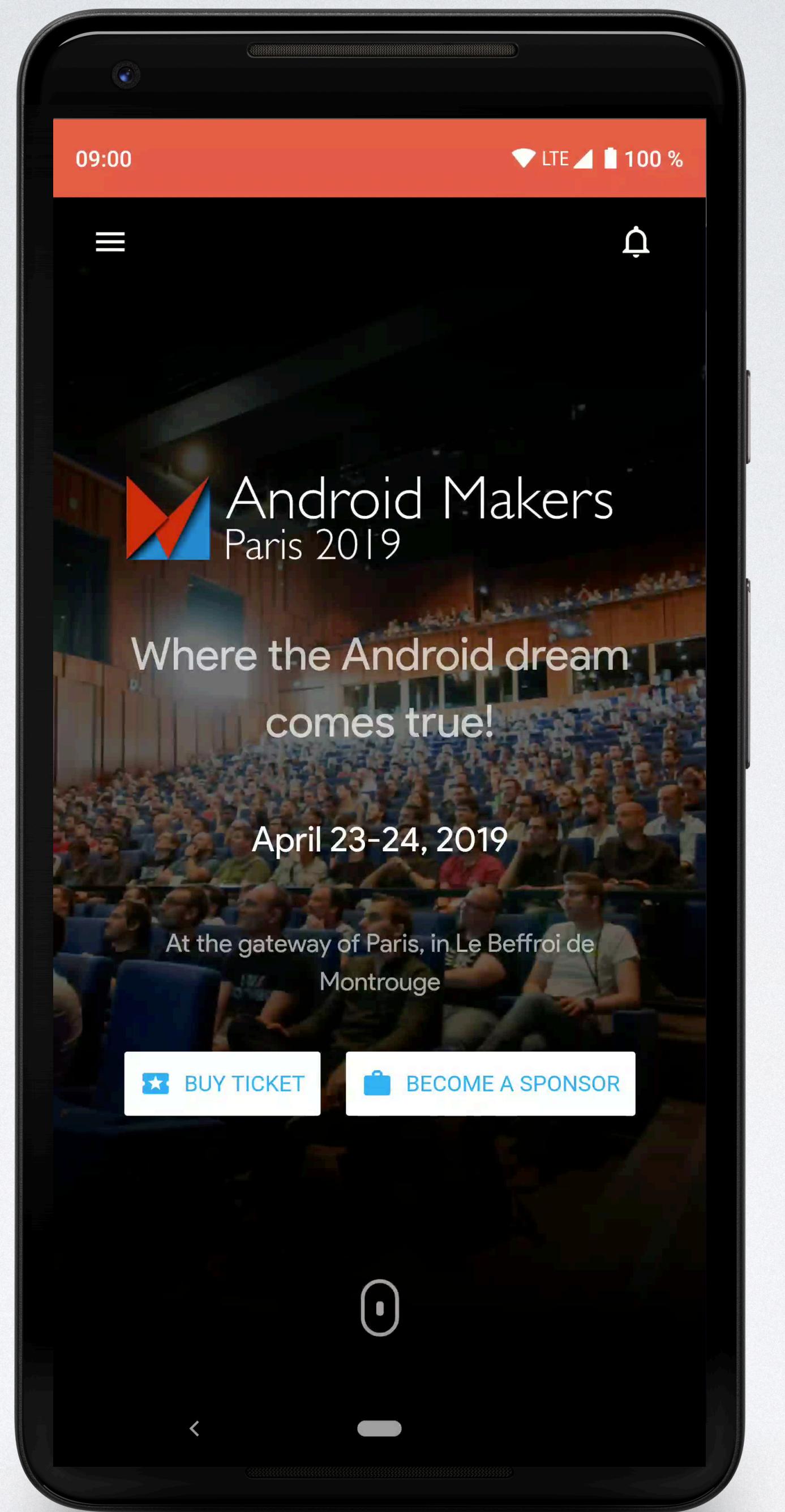
~~SMACK MY BI\*\*\*H UP~~





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







```
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"
```



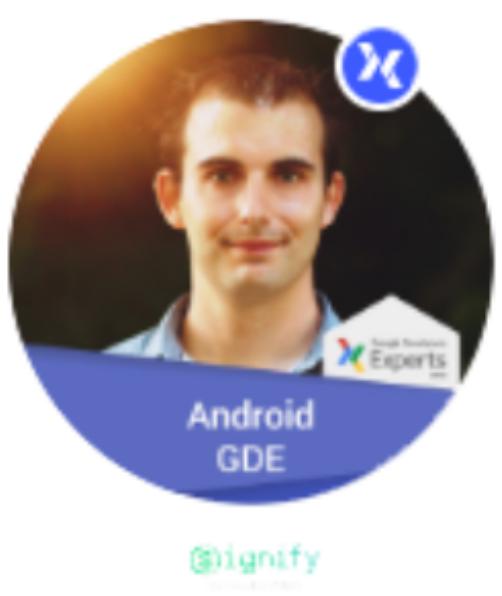
# Android Makers currently live



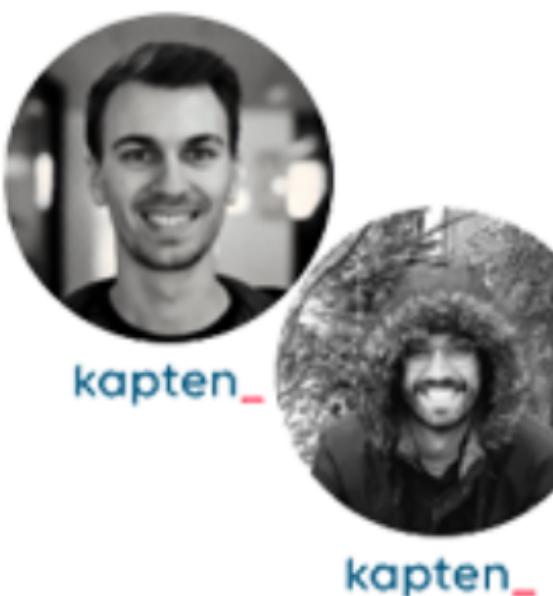
Google



Google



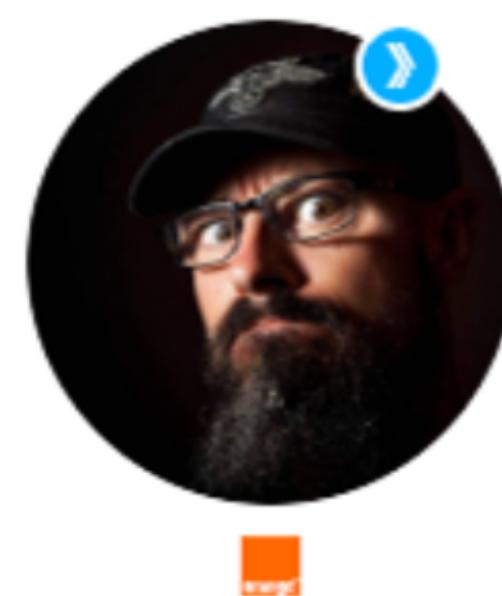
Android  
GDE  
Signify



kapten\_



kapten\_



Slices

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)
```

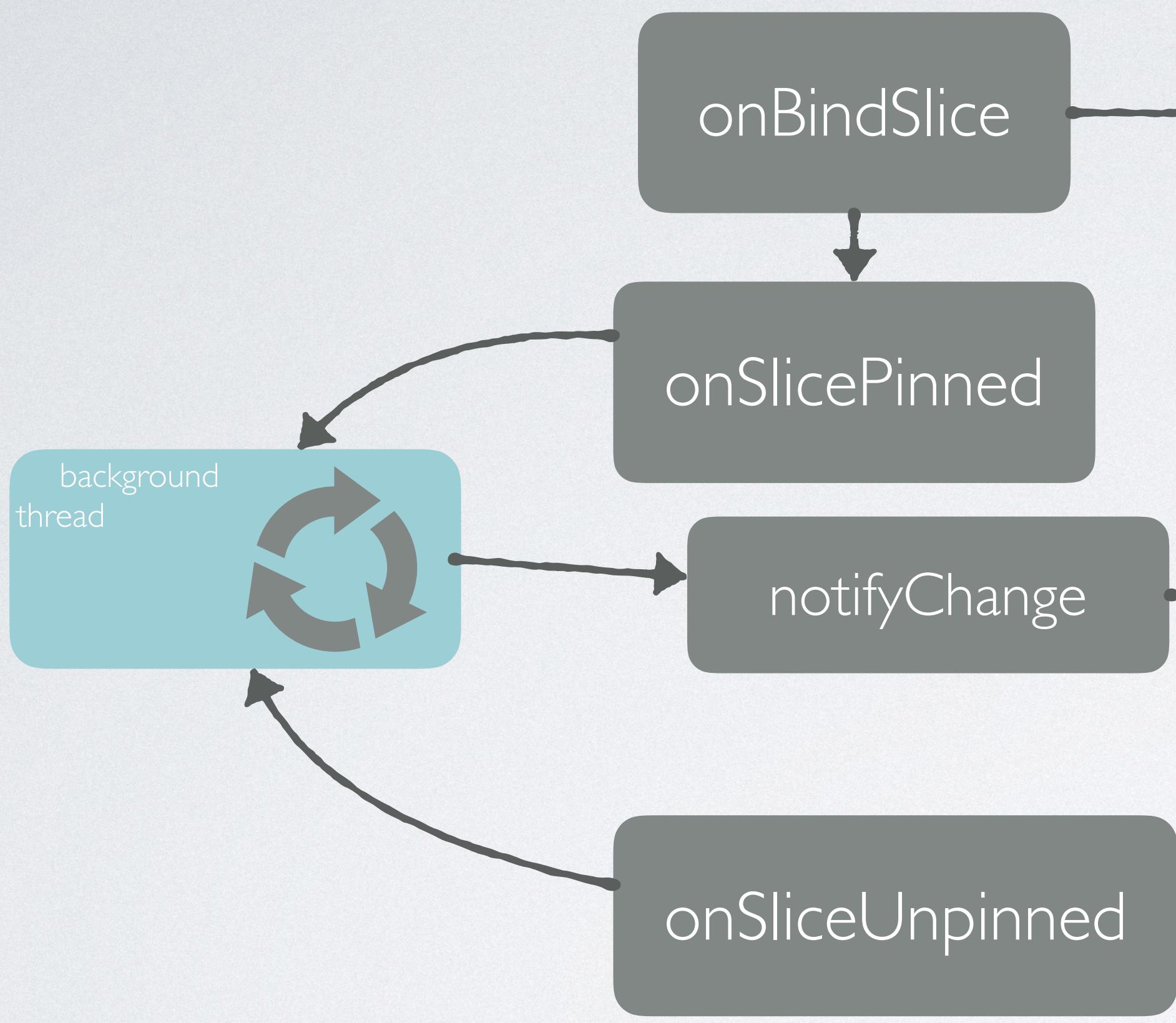


```
1  override fun onBindSlice(sliceUri: Uri): Slice? {  
2      return when (sliceUri.path) {  
3          "/speakers/marcpoppleton" -> buildSpeakerDetails(sliceUri)  
4          "/talks/slices" -> buildTalkDetails(sliceUri)  
5          "/current" -> buildCurrentTalks(sliceUri)  
6          else ->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



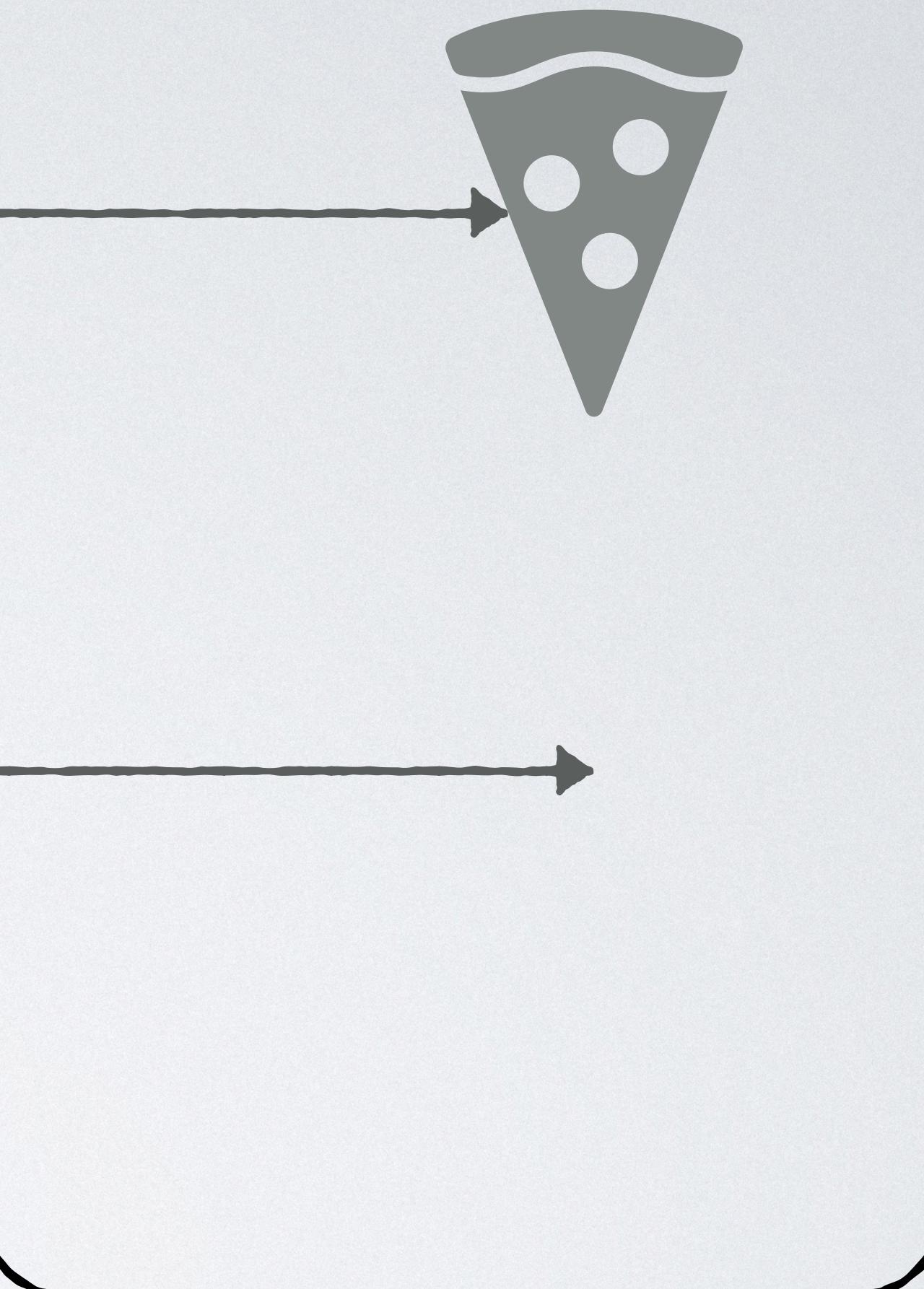
```
1 override fun onSlicePinned(sliceUri: Uri?)  
2  
3 override fun onSliceUnpinned(sliceUri: Uri?)
```

## Your Slice Provider



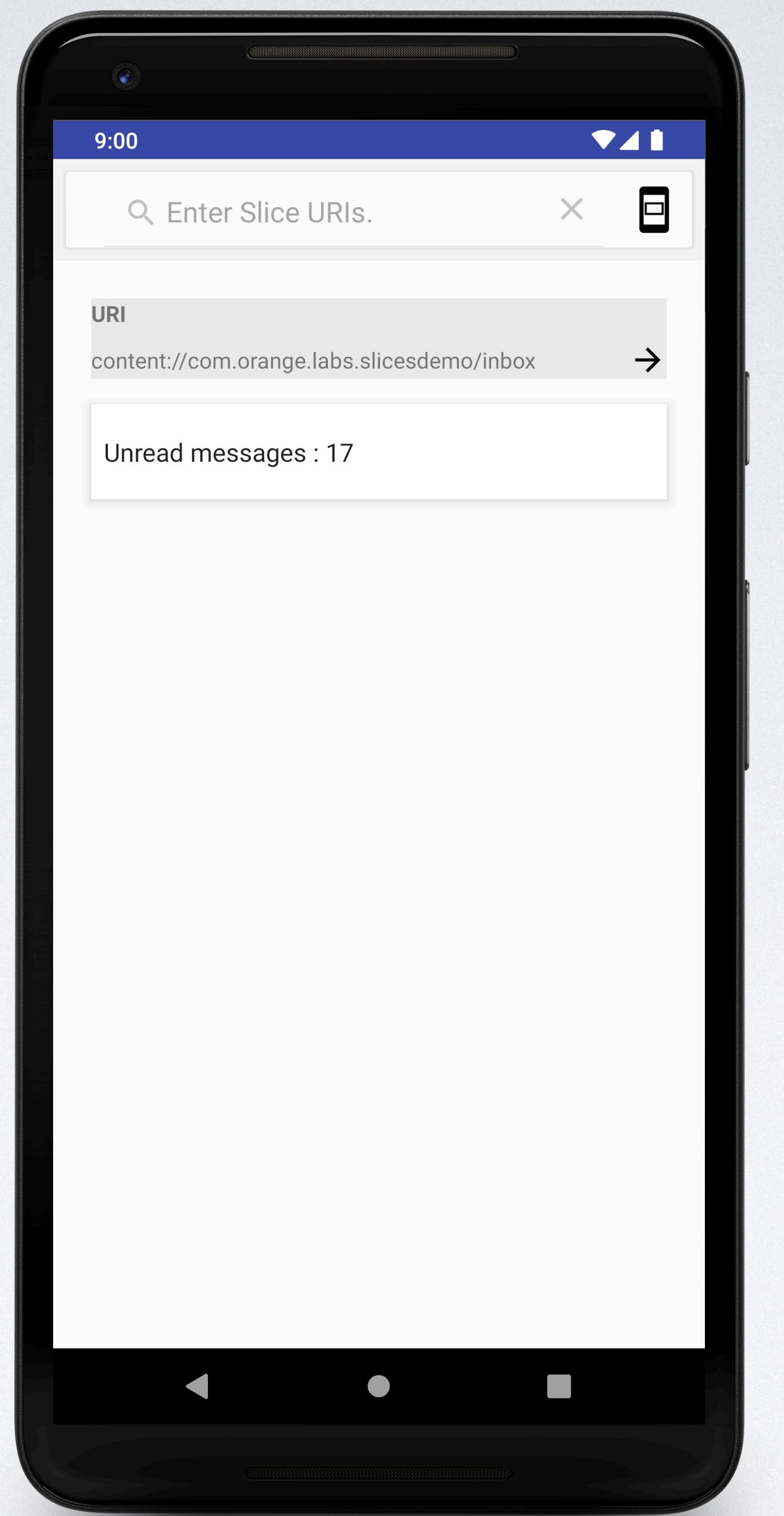
“Ok, here the default slice!”

## The app displaying Slices

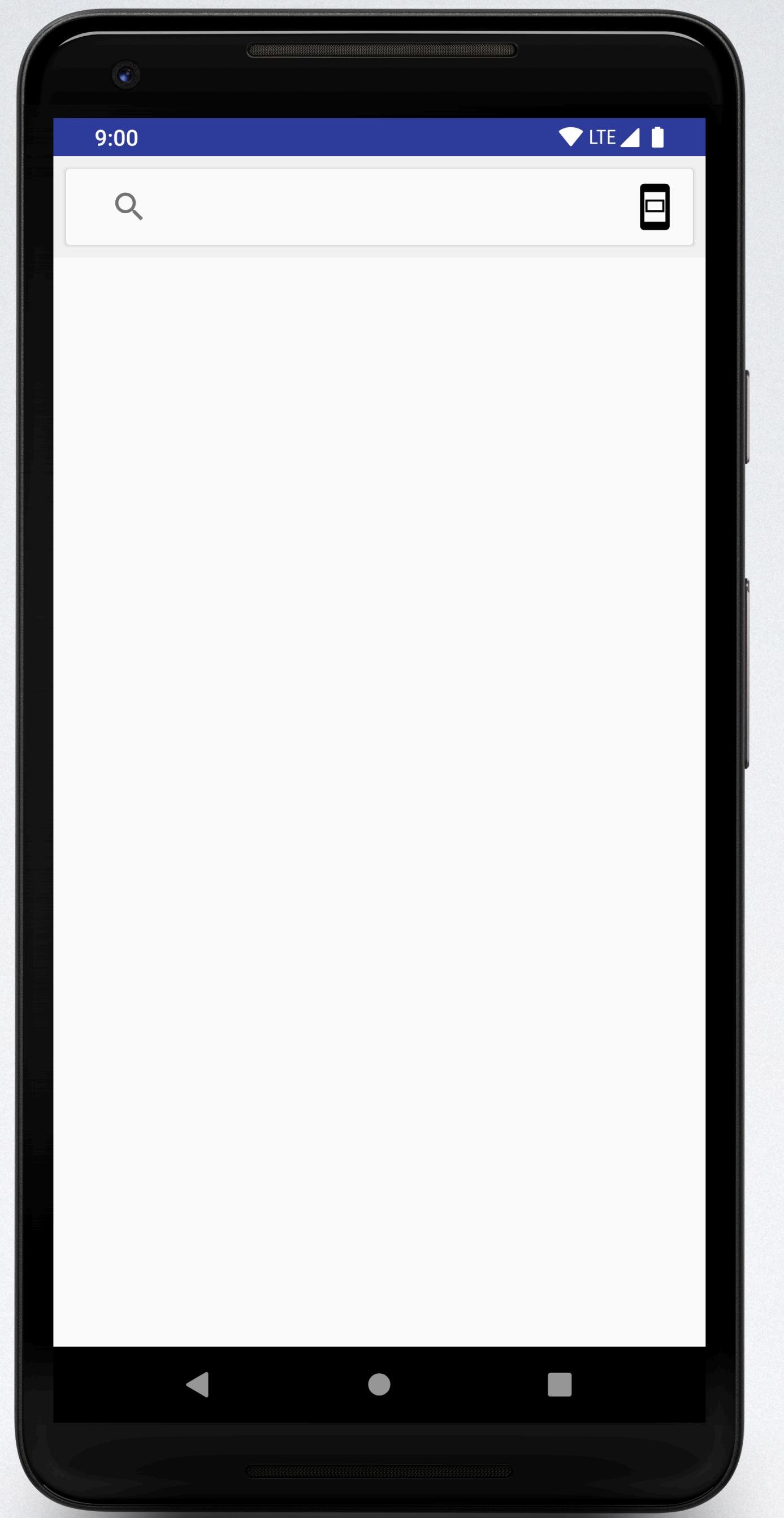


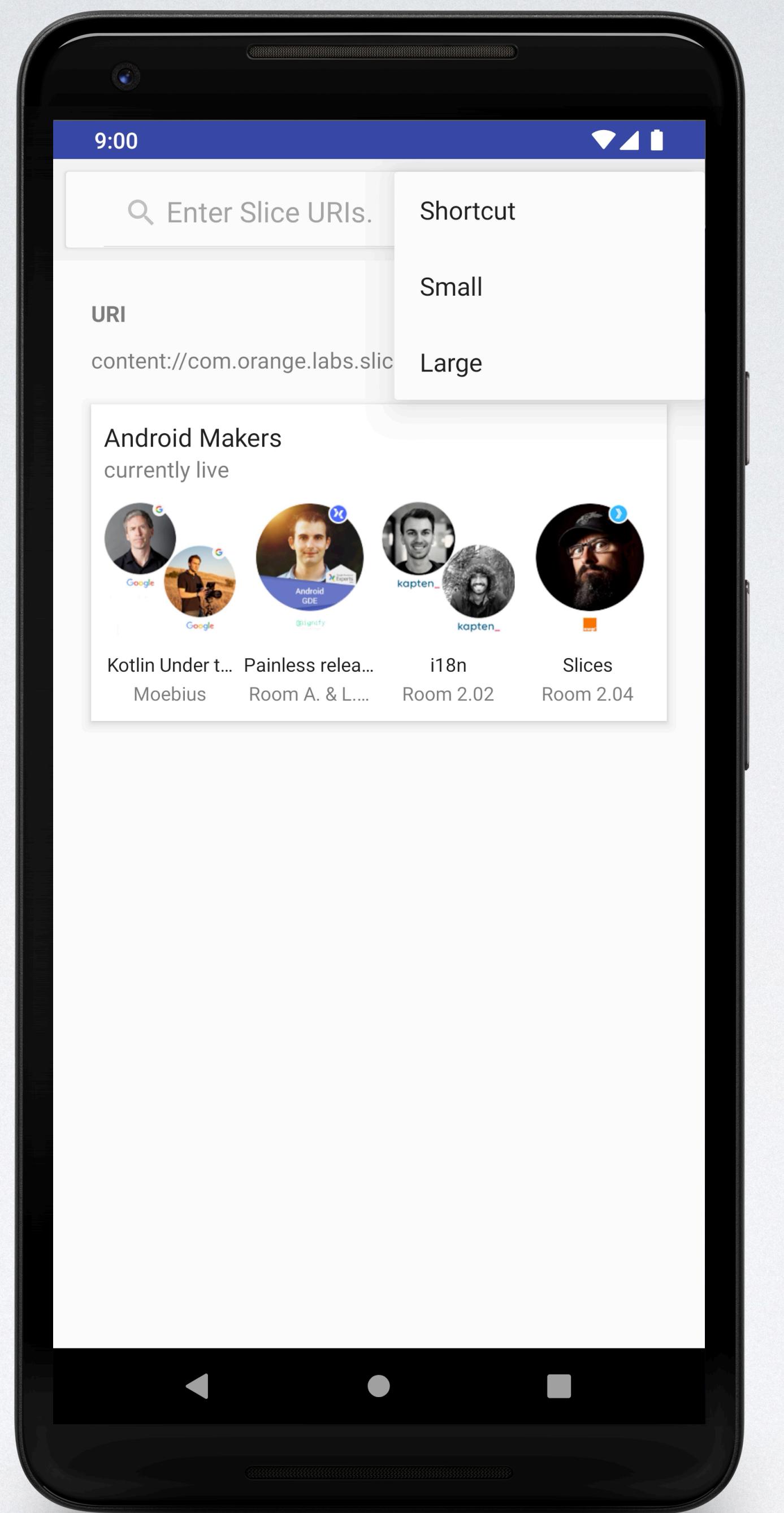


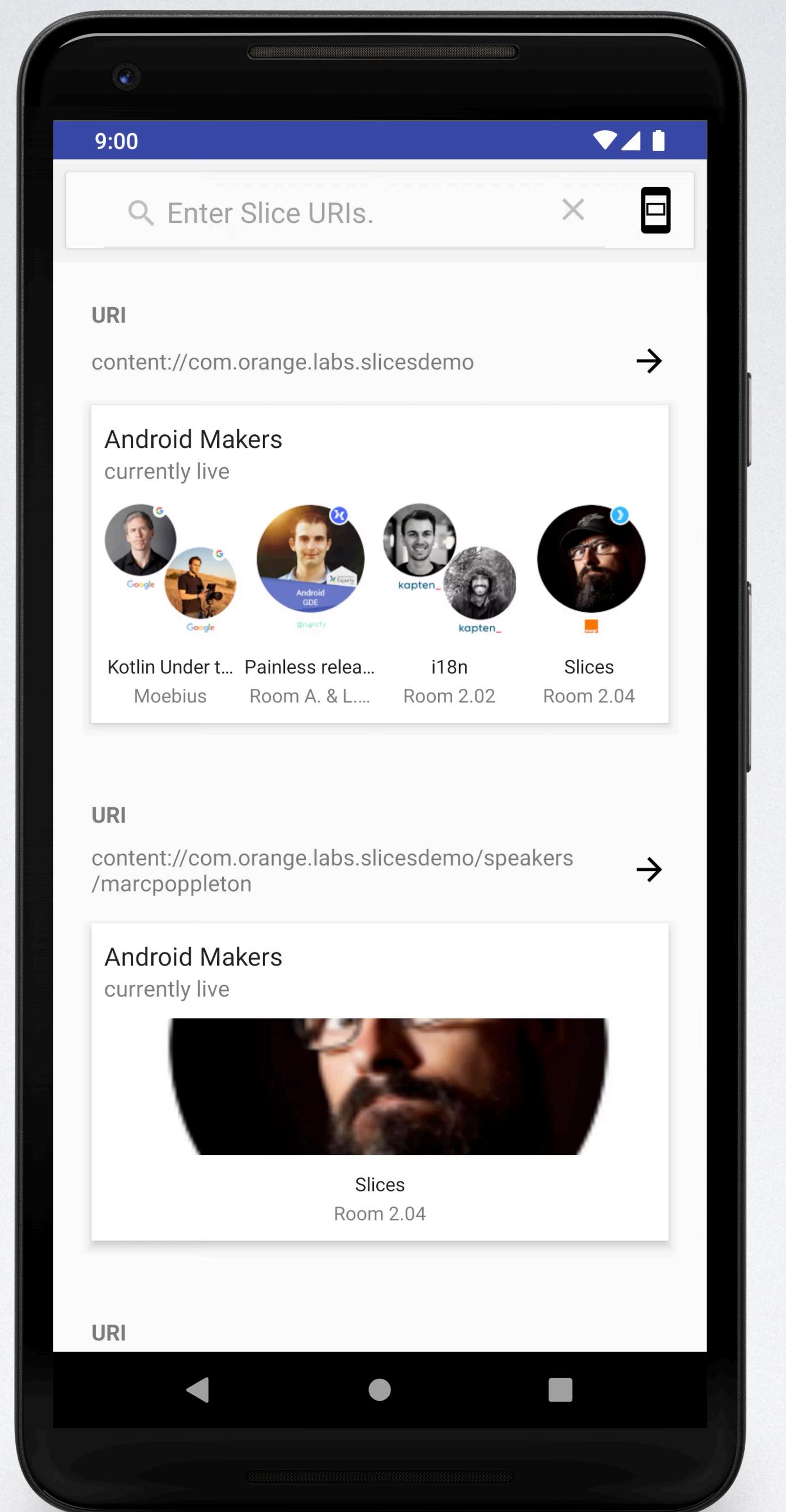
```
1 context.contentResolver.notifyChange(sliceUri, null)
```









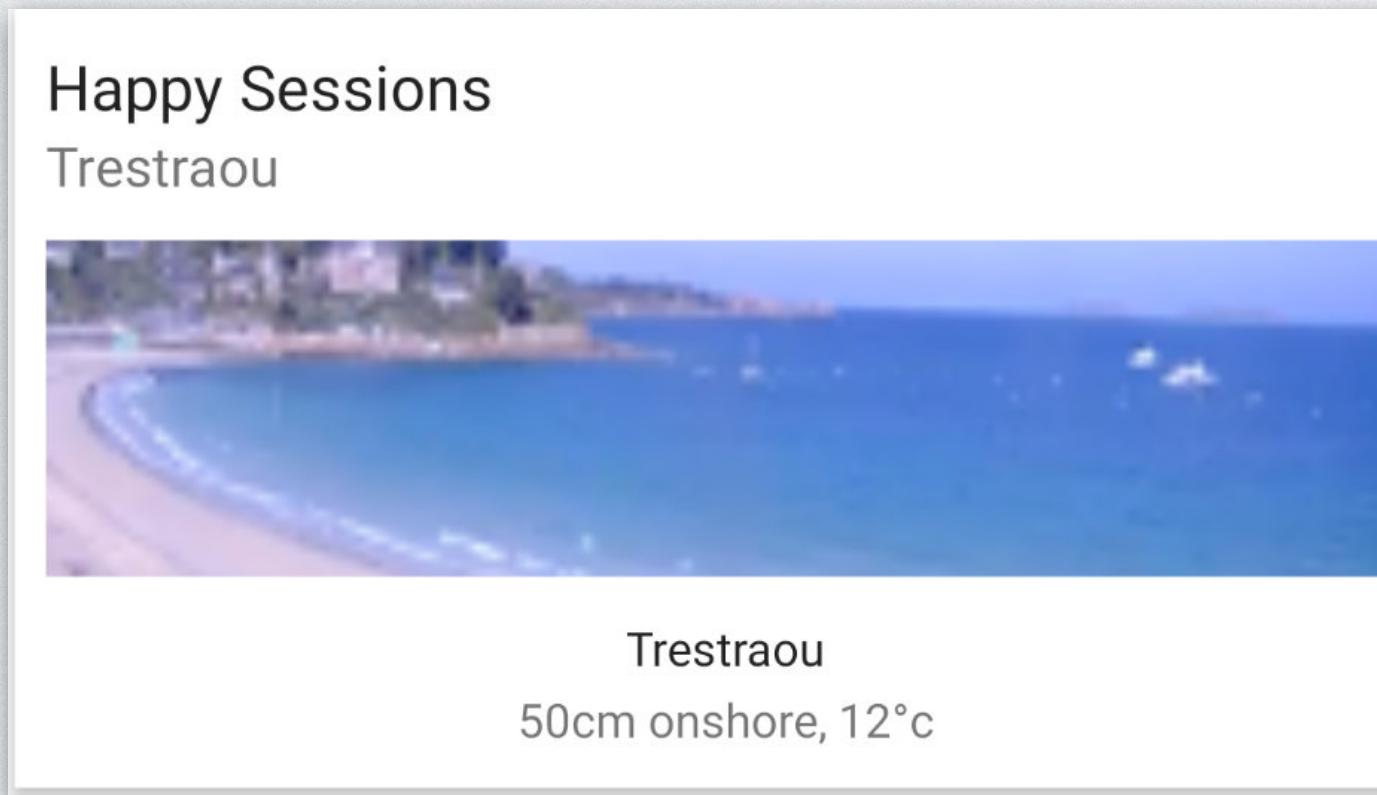




Hi, how can I help?

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



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

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

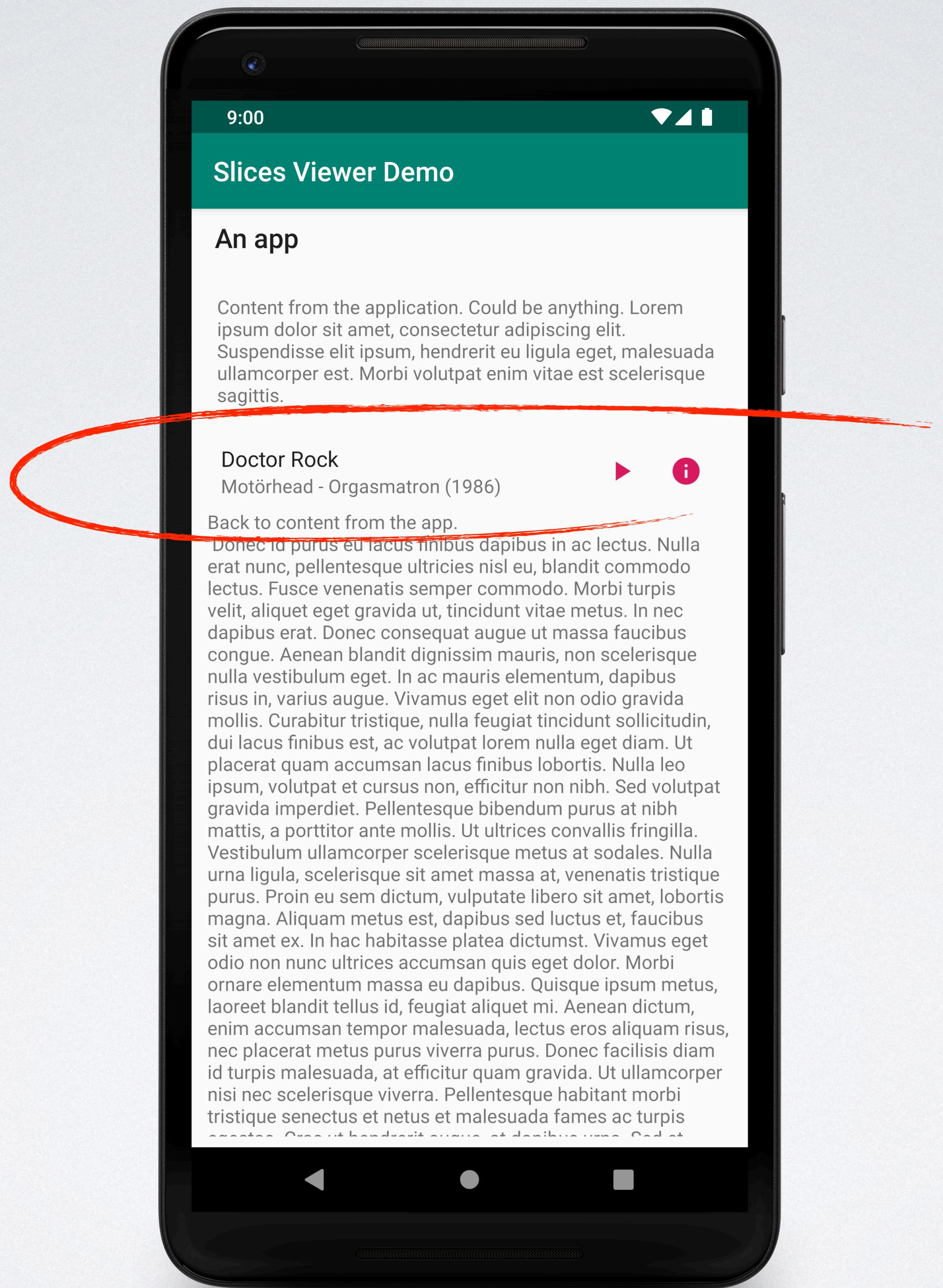
```
<action intentName="actions.intent.CHECK_WATERSPORTS_CONDITIONS">
  <fulfillment
    fulfillmentMode="actions.fulfillment.SLICE"
    urlTemplate="content://foo.bar.slicesdemo/condition{?plage}">
  </fulfillment>
</action>
```

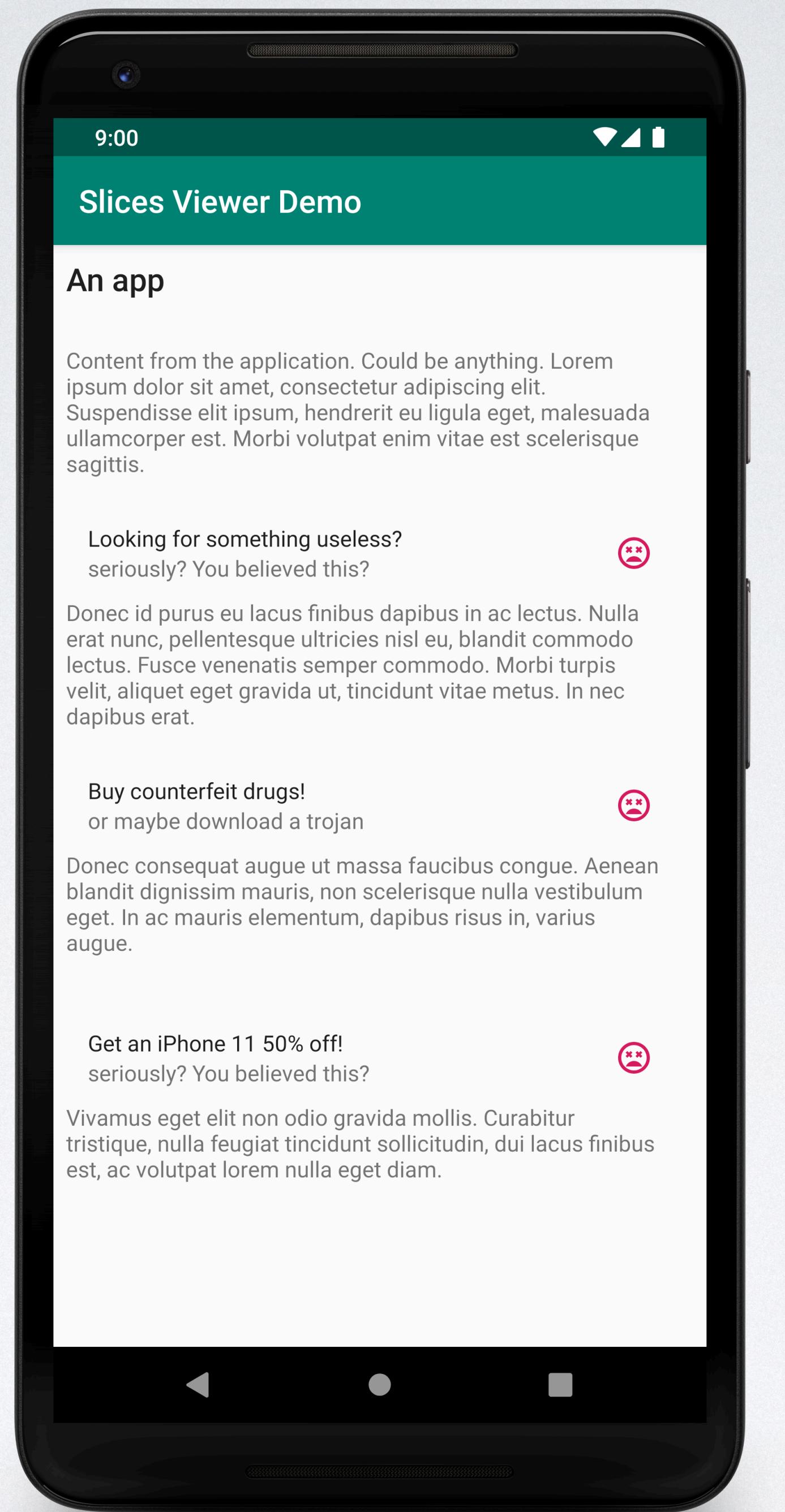
```
<action intentName="actions.intent.CHECK_WATERSPORTS_CONDITIONS">
  <fulfillment
    fulfillmentMode="actions.fulfillment.SLICE"
    urlTemplate "content://foo.bar.slicesdemo/condition{?plage}">
    <parameter-mapping
      intentParameter="location"
      urlParameter="plage"
    />
  </fulfillment>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

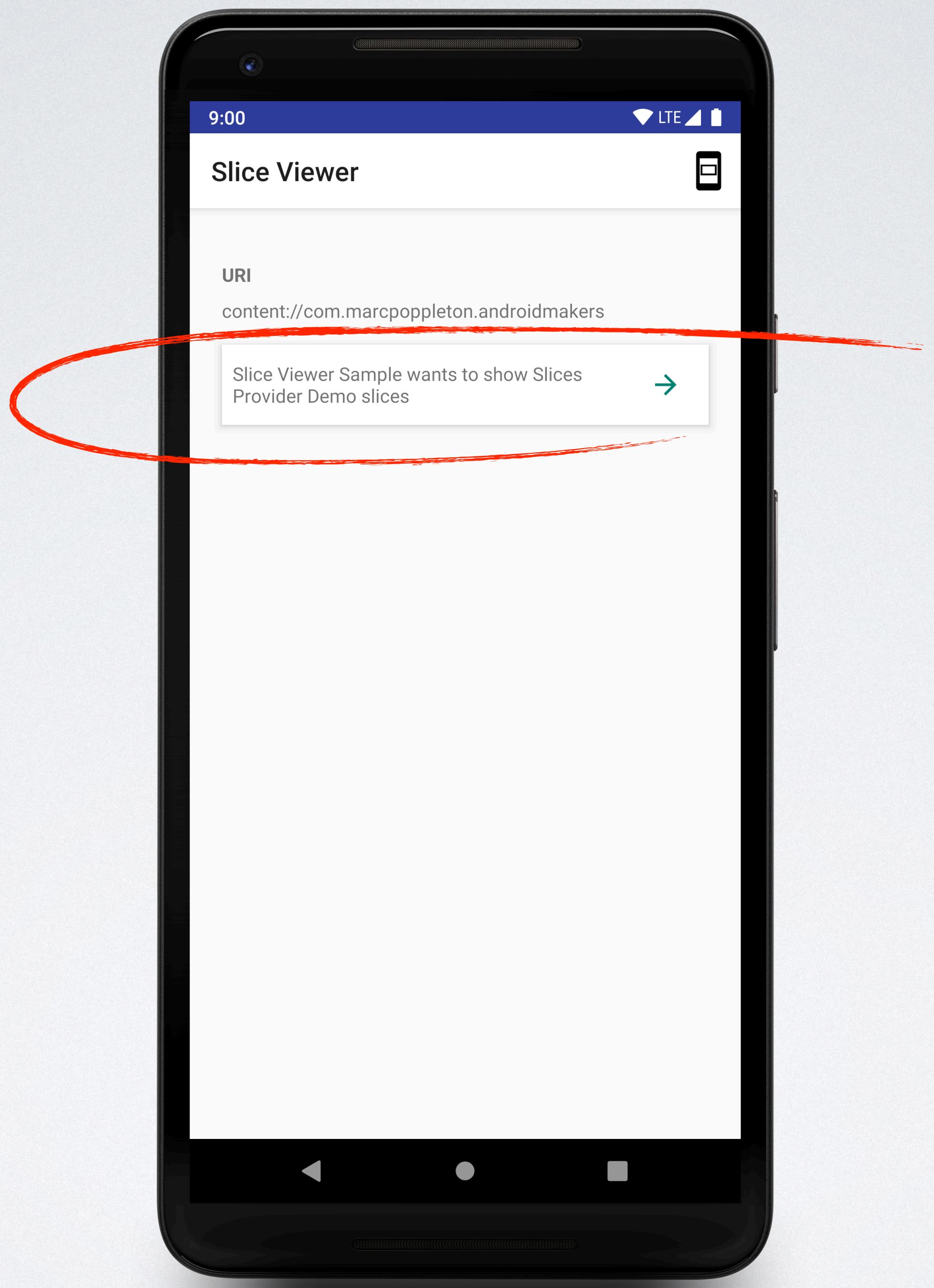
 **Note:** App Actions, like all Actions that support built-in intents, trigger on a number of factors, including quality and relevancy to the user's request. This means Google may exercise discretion in surfacing your Action in response to a user request.

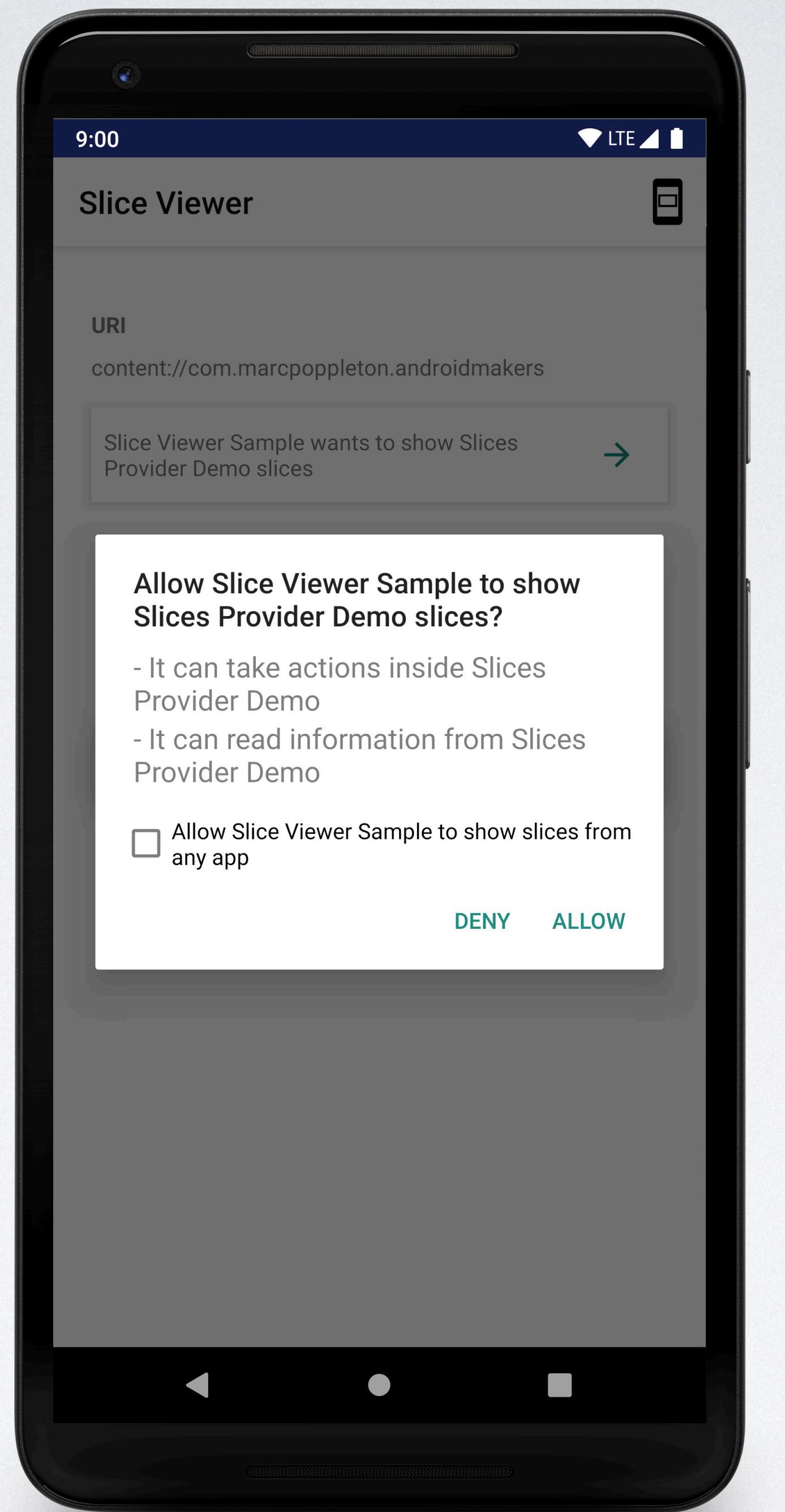


<https://github.com/googlesamples/android-SliceViewer>



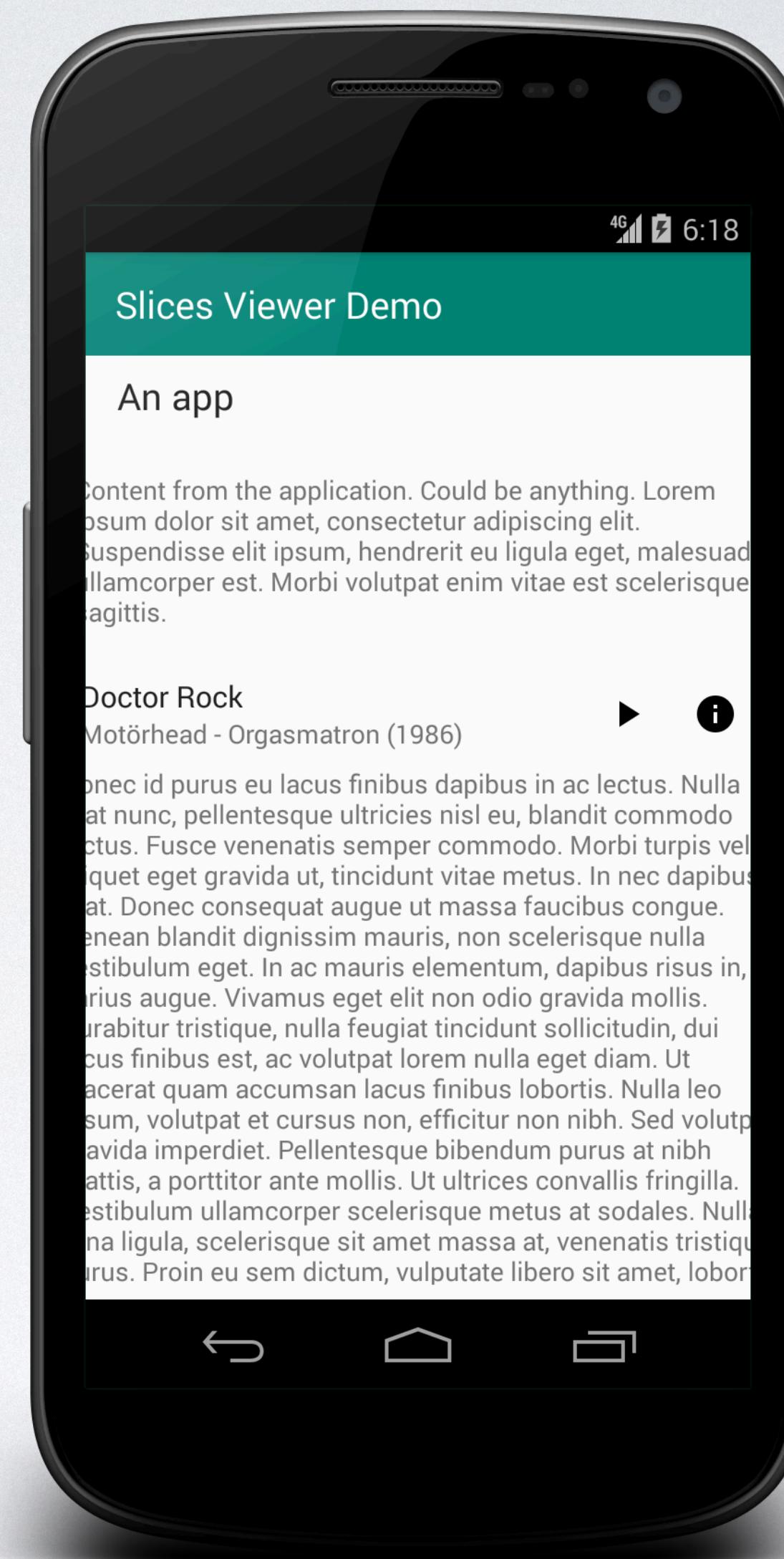








API 28 - Pie



API 19 - Kit Kat



**Code  
d'Armor**