Mobile Application Development Overview

Presented by:
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Native Android

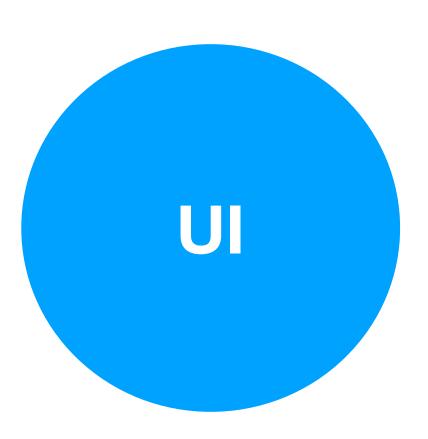
Native Android

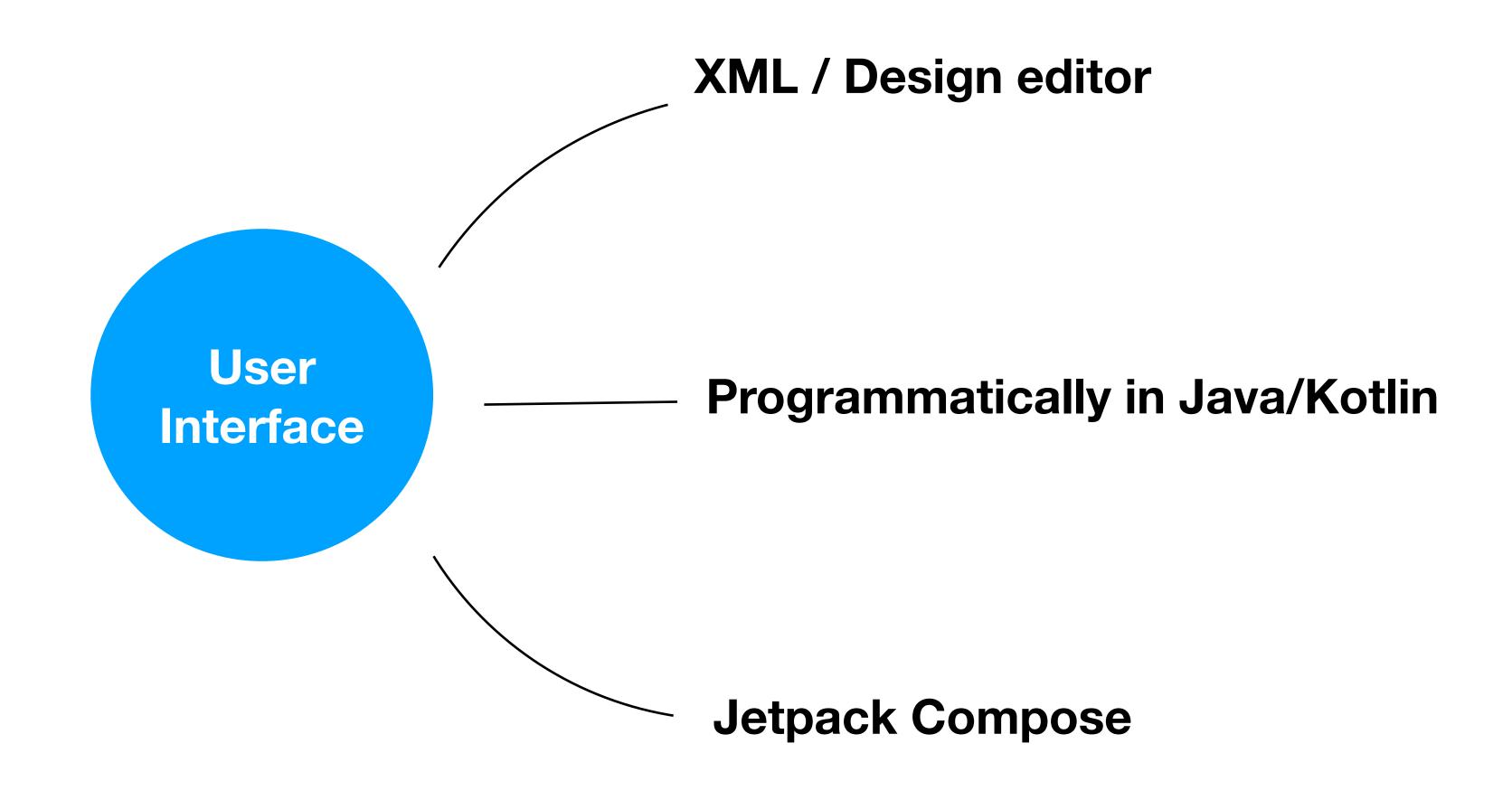
Native iOS

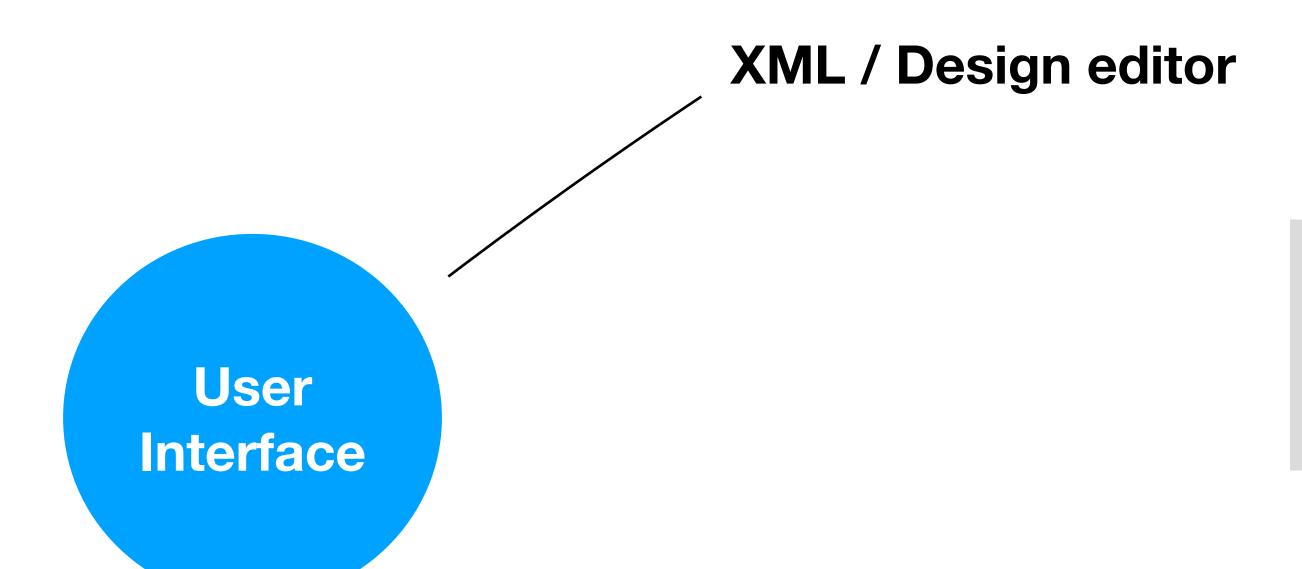
Native Android

Native iOS

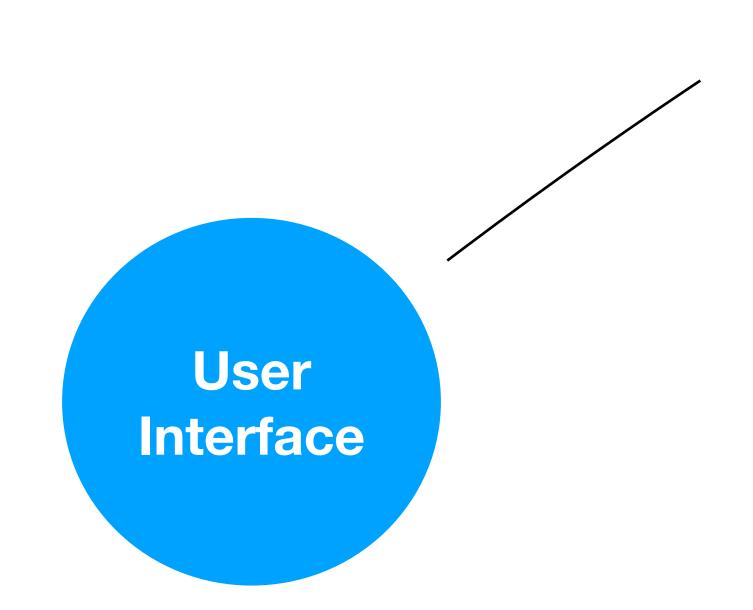
Hybrid





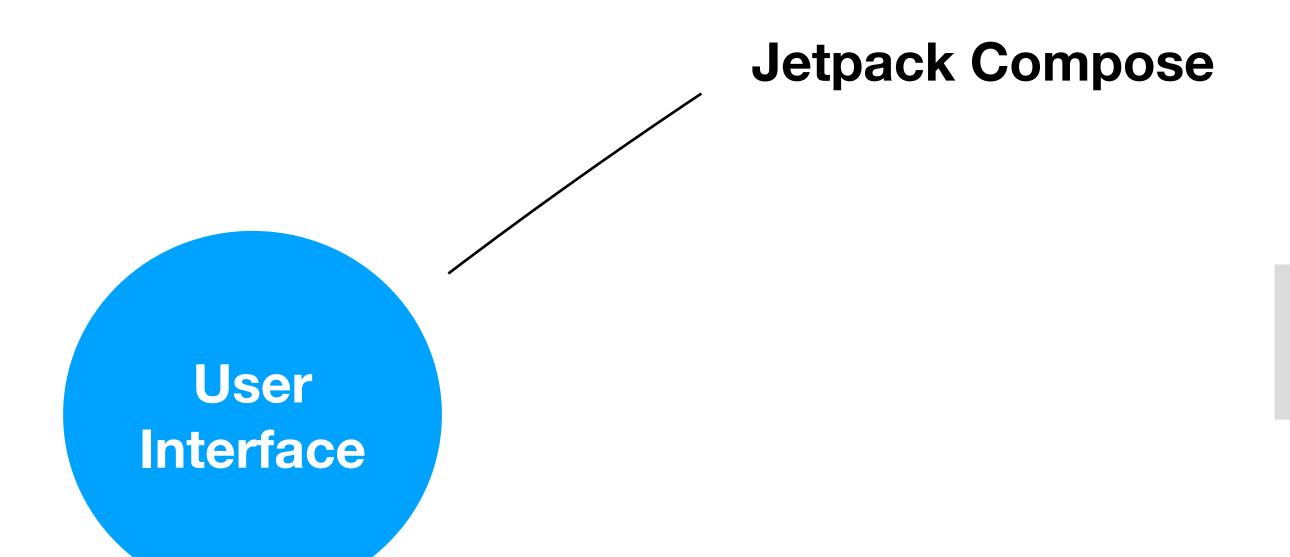


```
<Button
   android:layout_width="wrap_content"
   android:layout_height="wrap_content"
   android:text="Click to activate"
/>
```

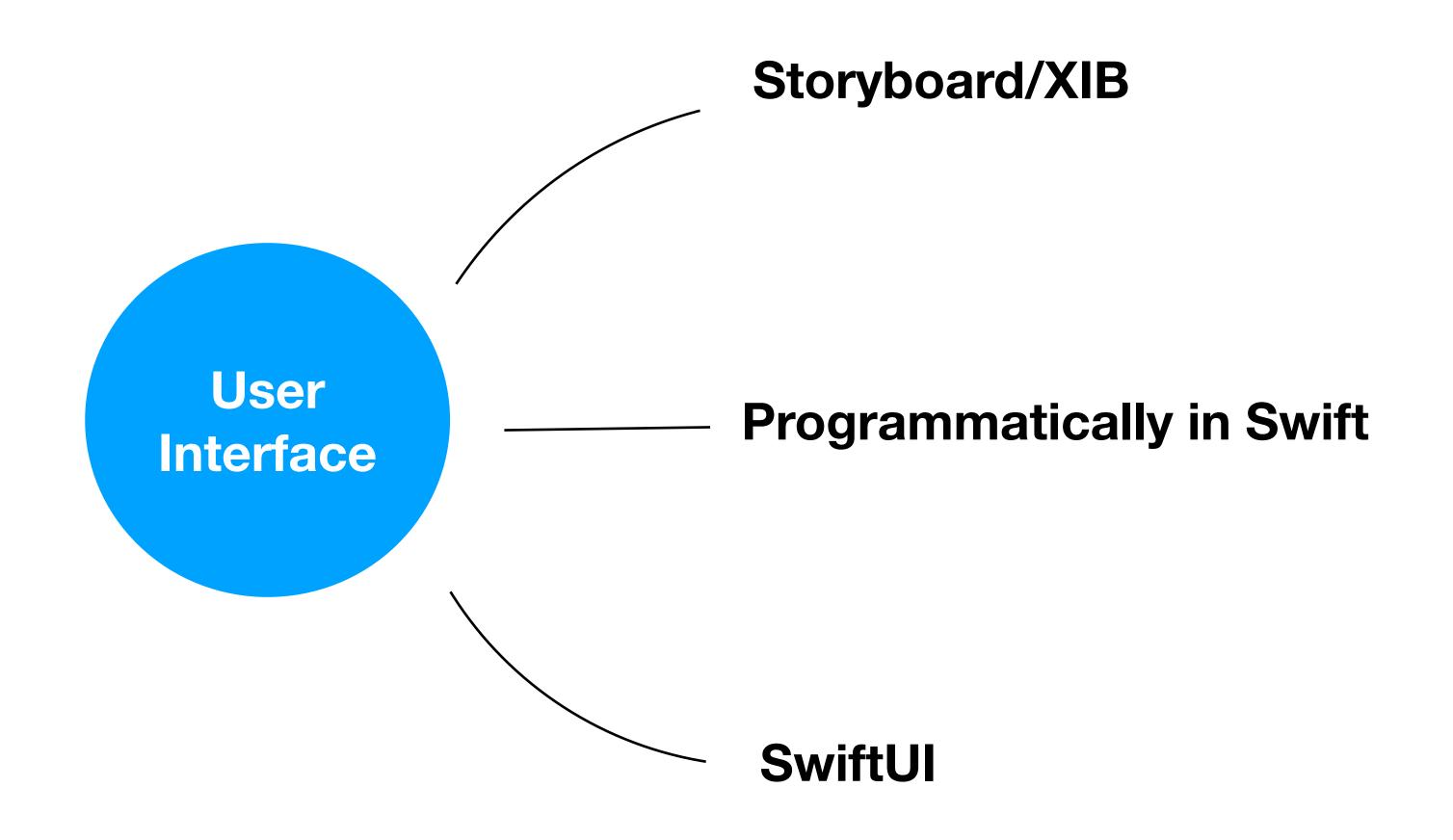


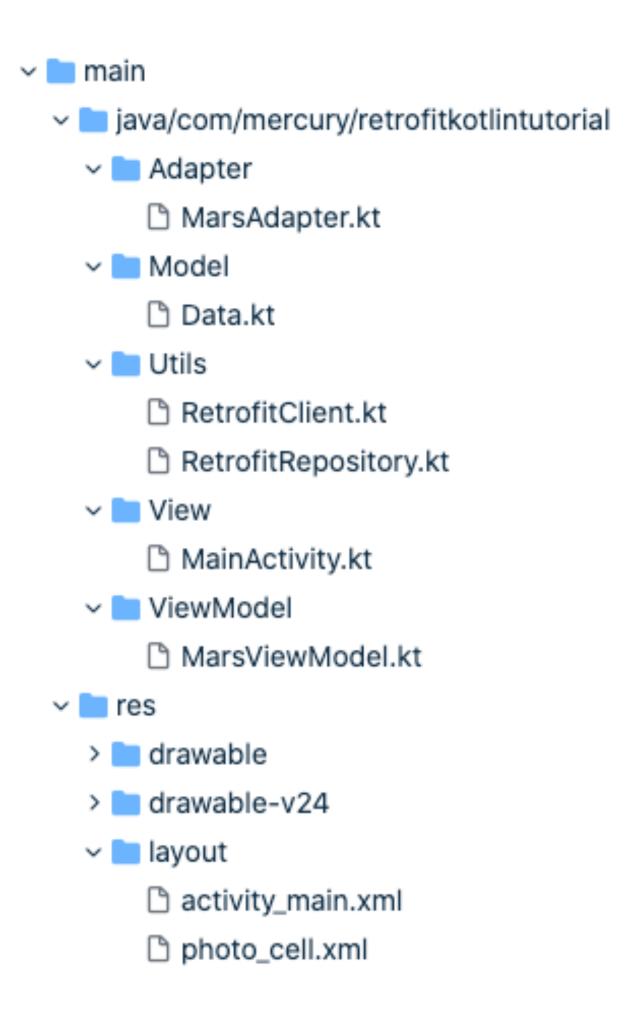
Programmatically

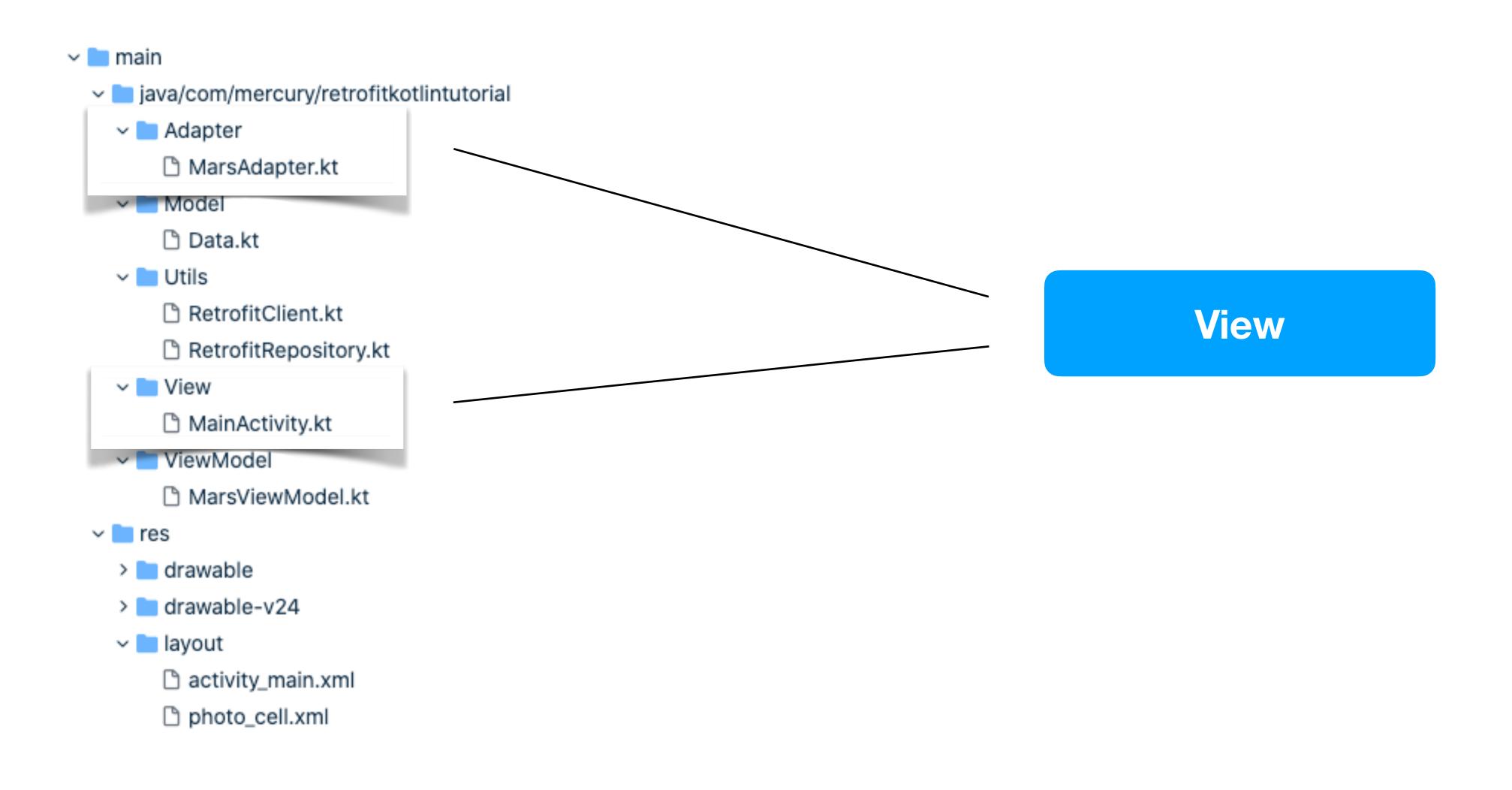
Button button = new Button(this); button.setText("Click to activate");

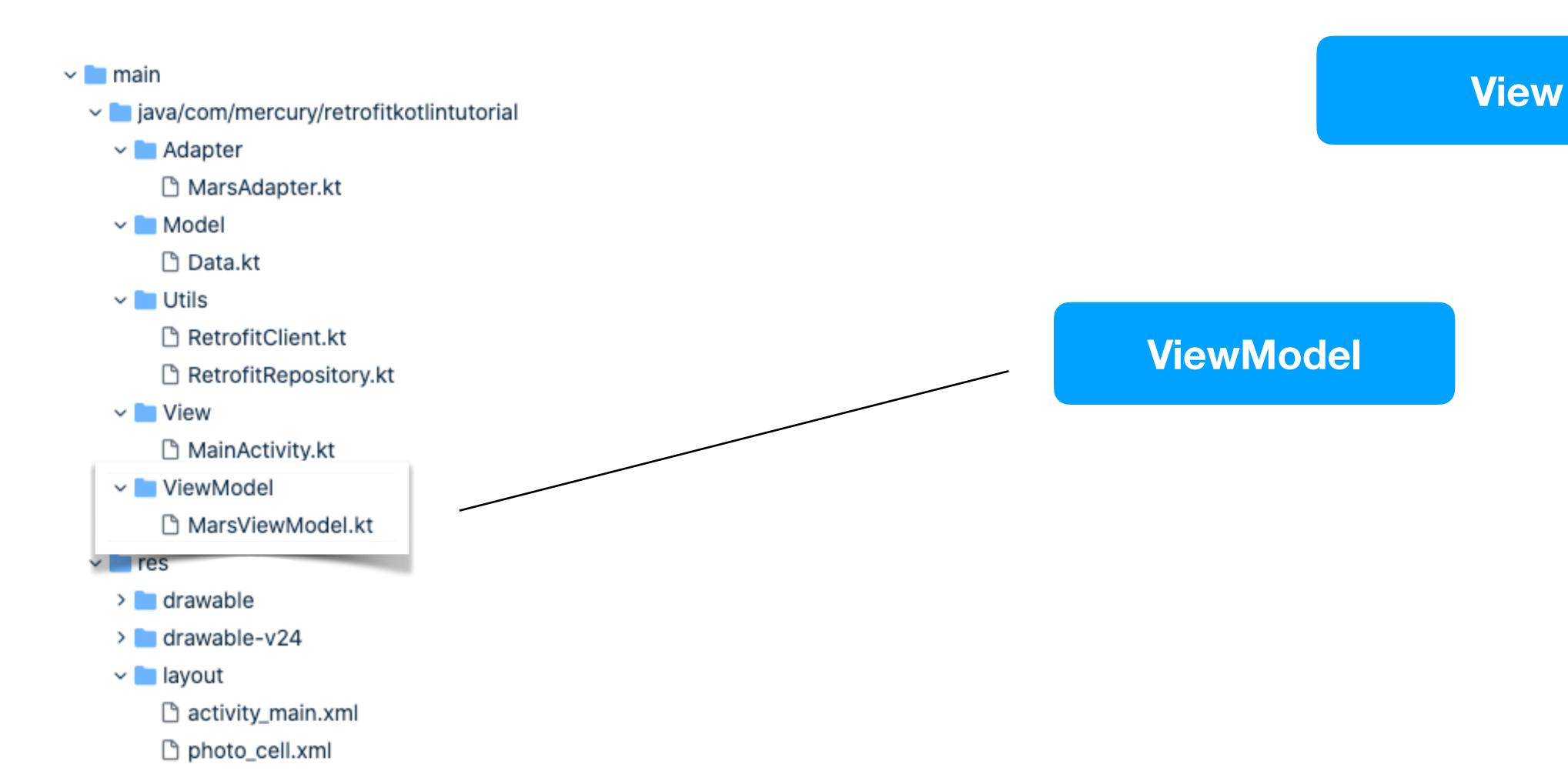


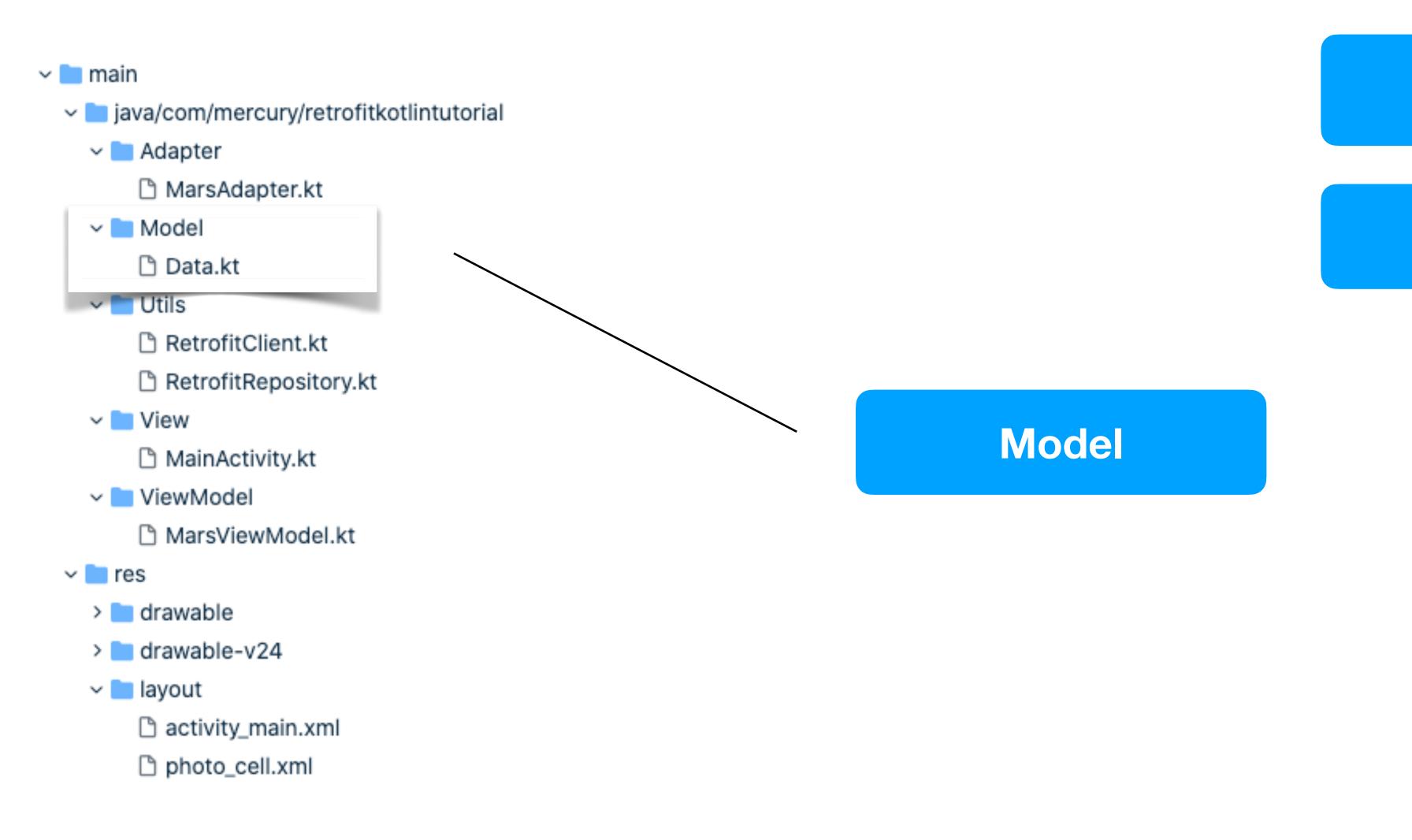
Text("Hacktoberfest")





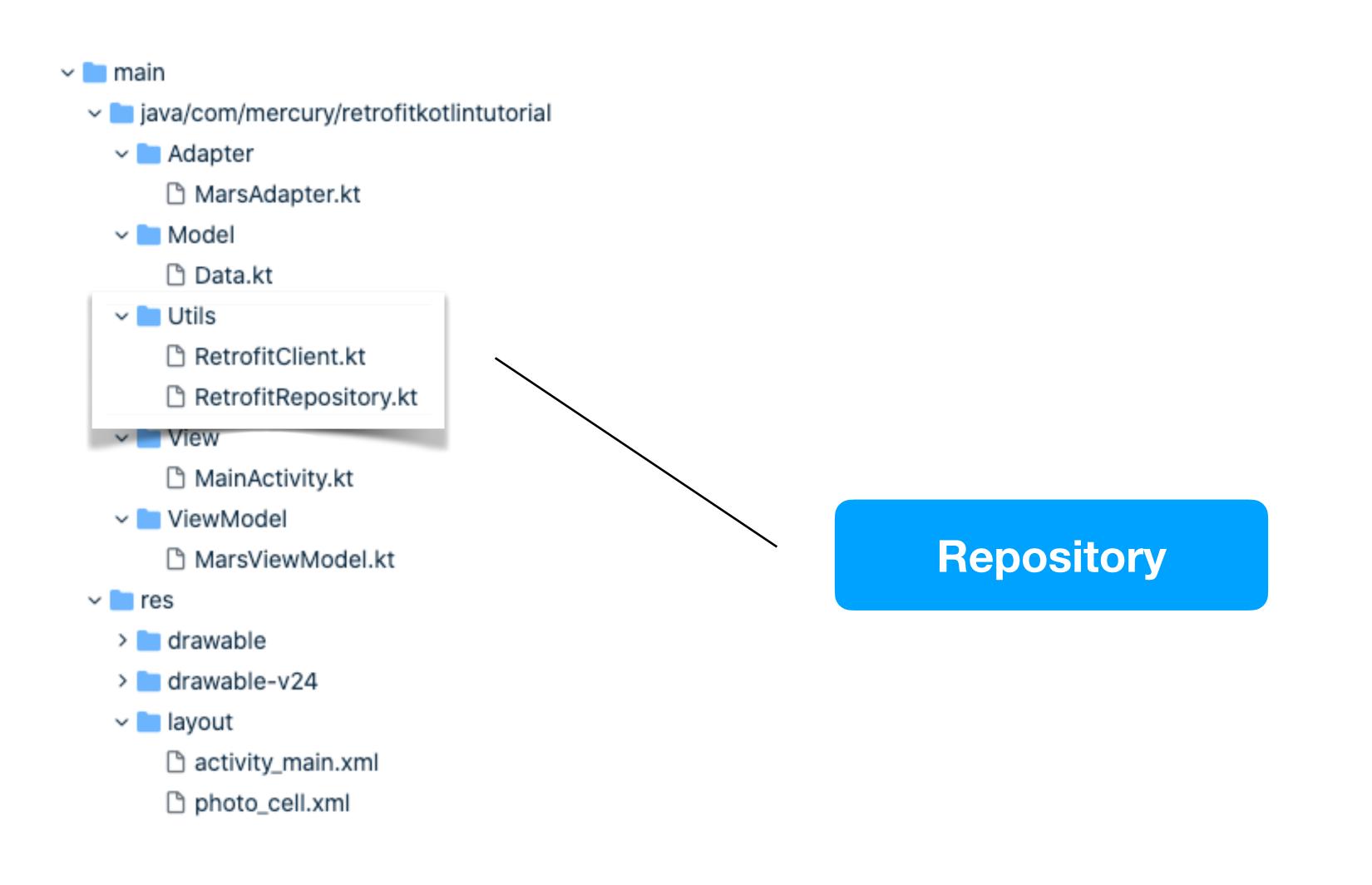






View

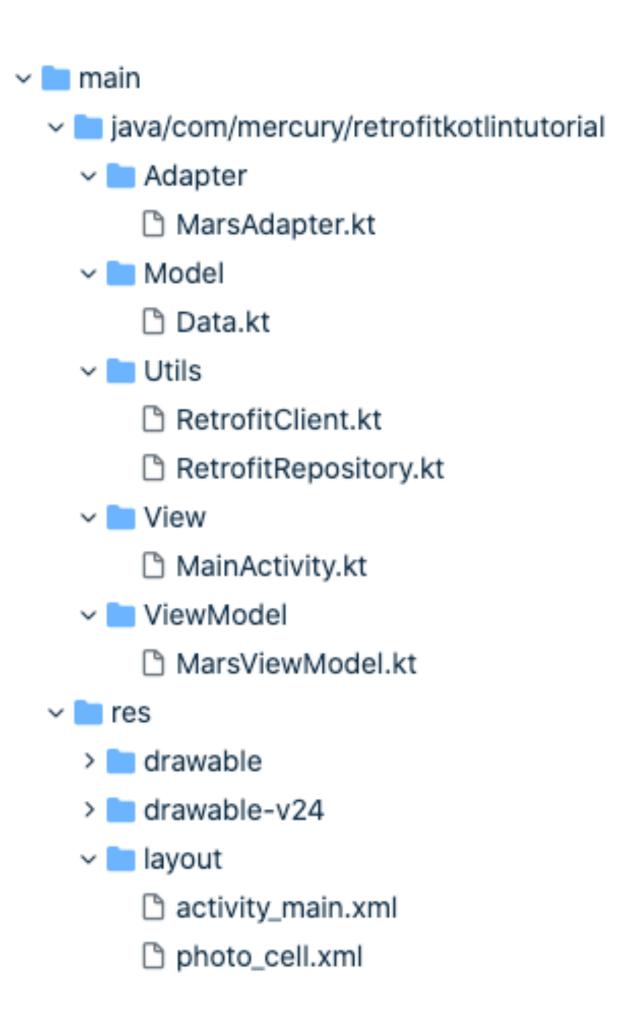
ViewModel



View

ViewModel

Model

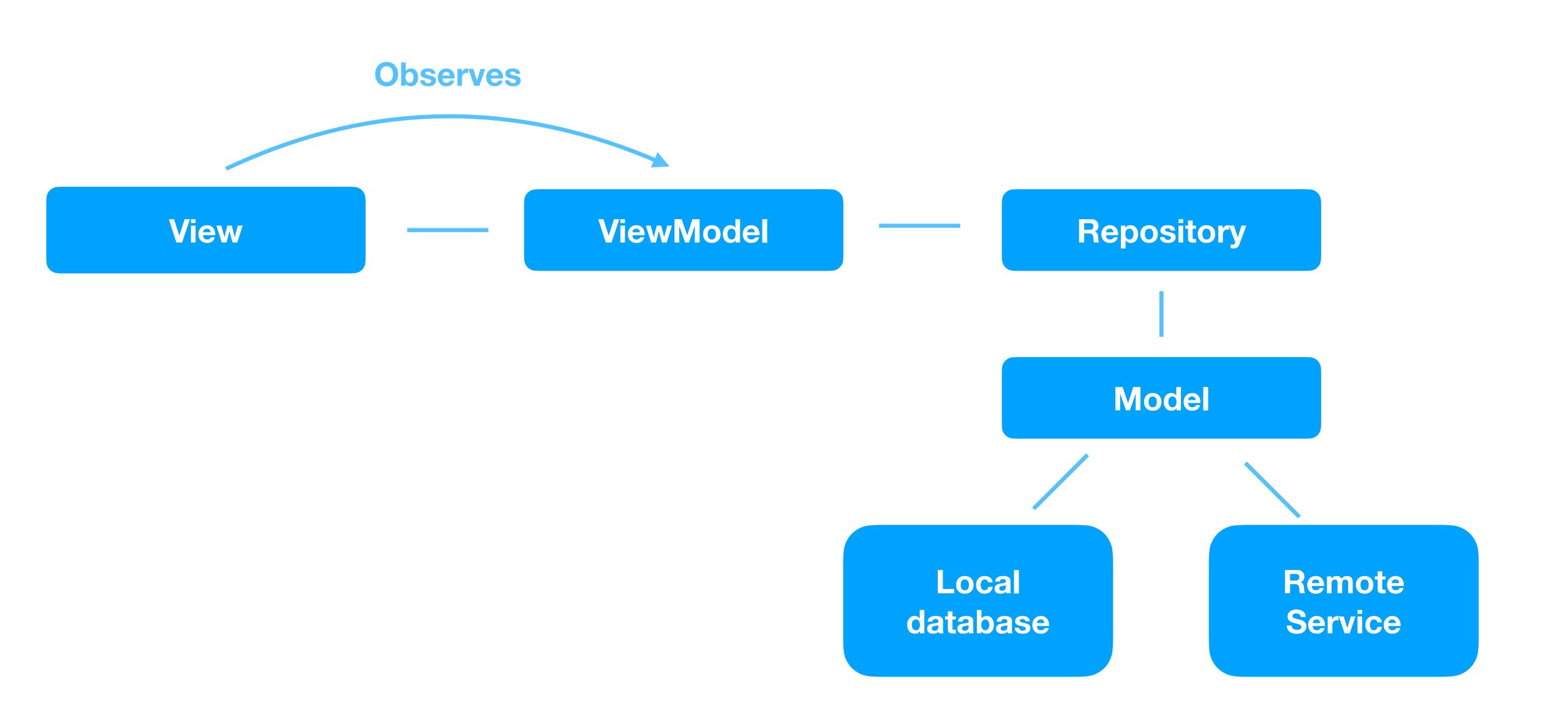


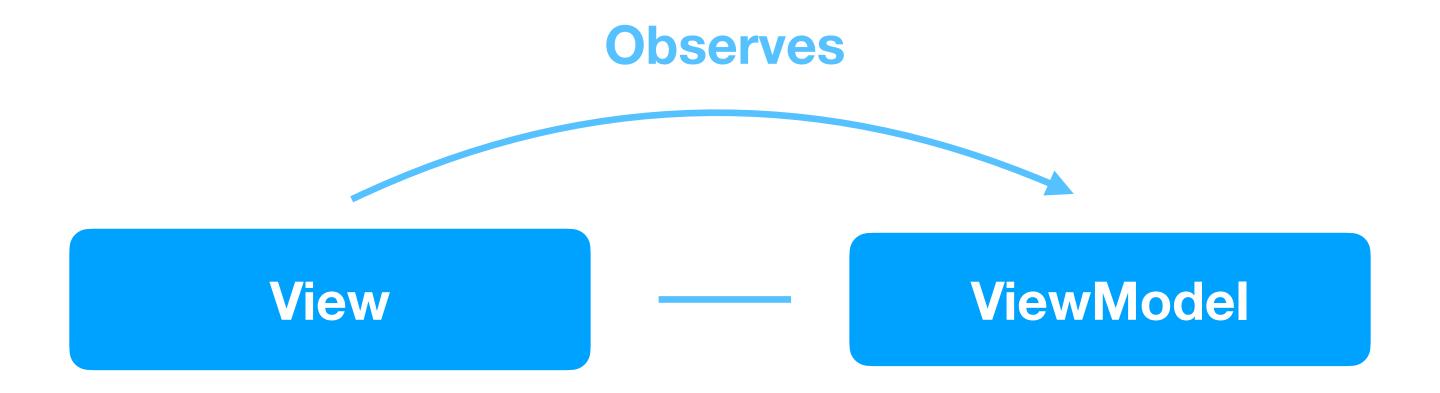
ViewModel

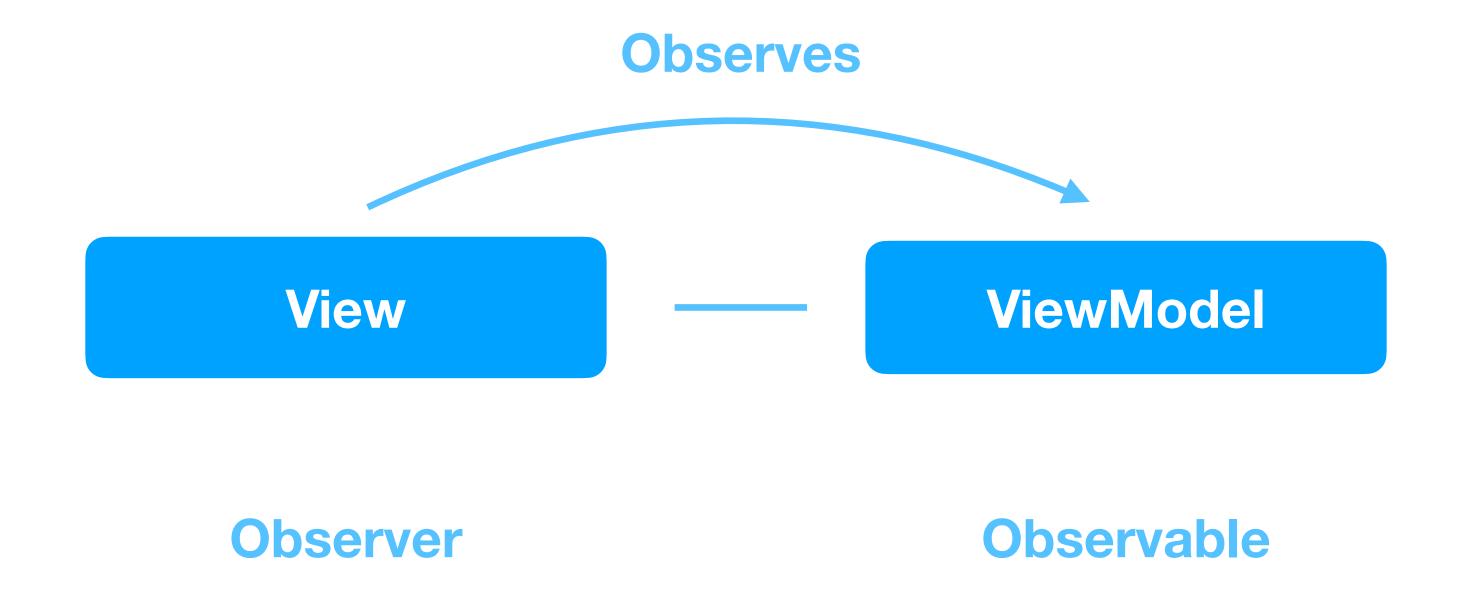
Model

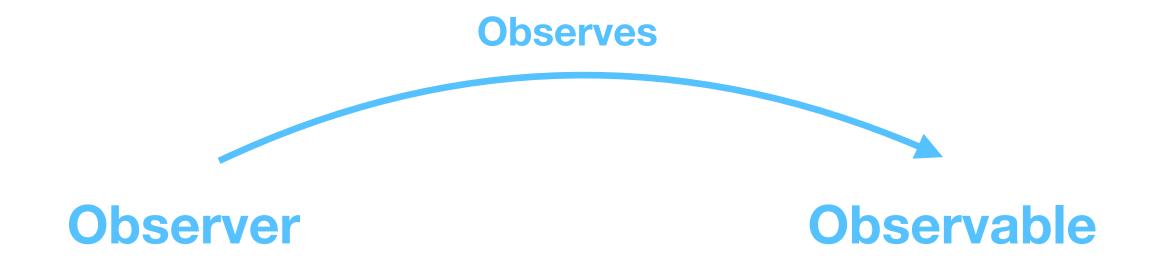
Repository

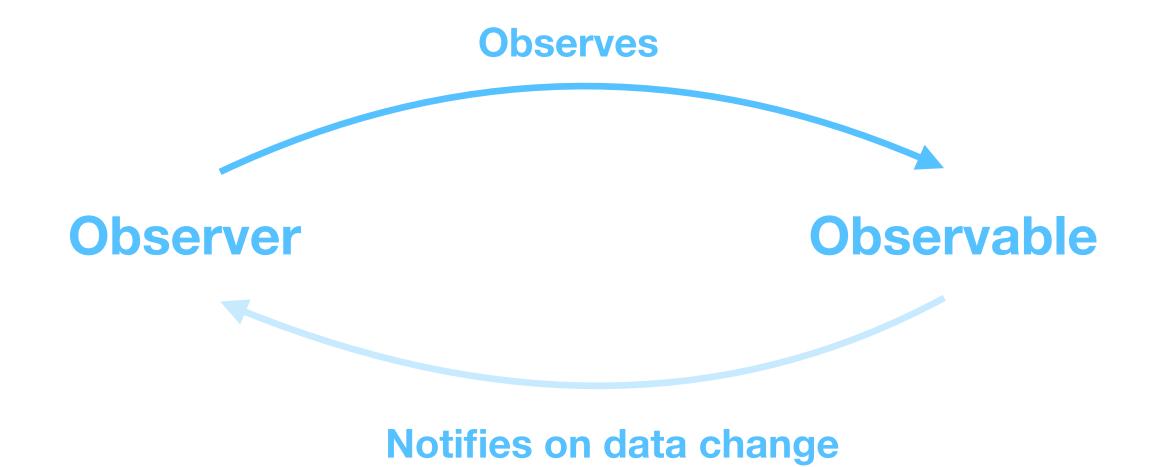
Does UI related work View **Exposes data in the required format** ViewModel for views to consume Holds the data Model Acts as single source of truth Repository

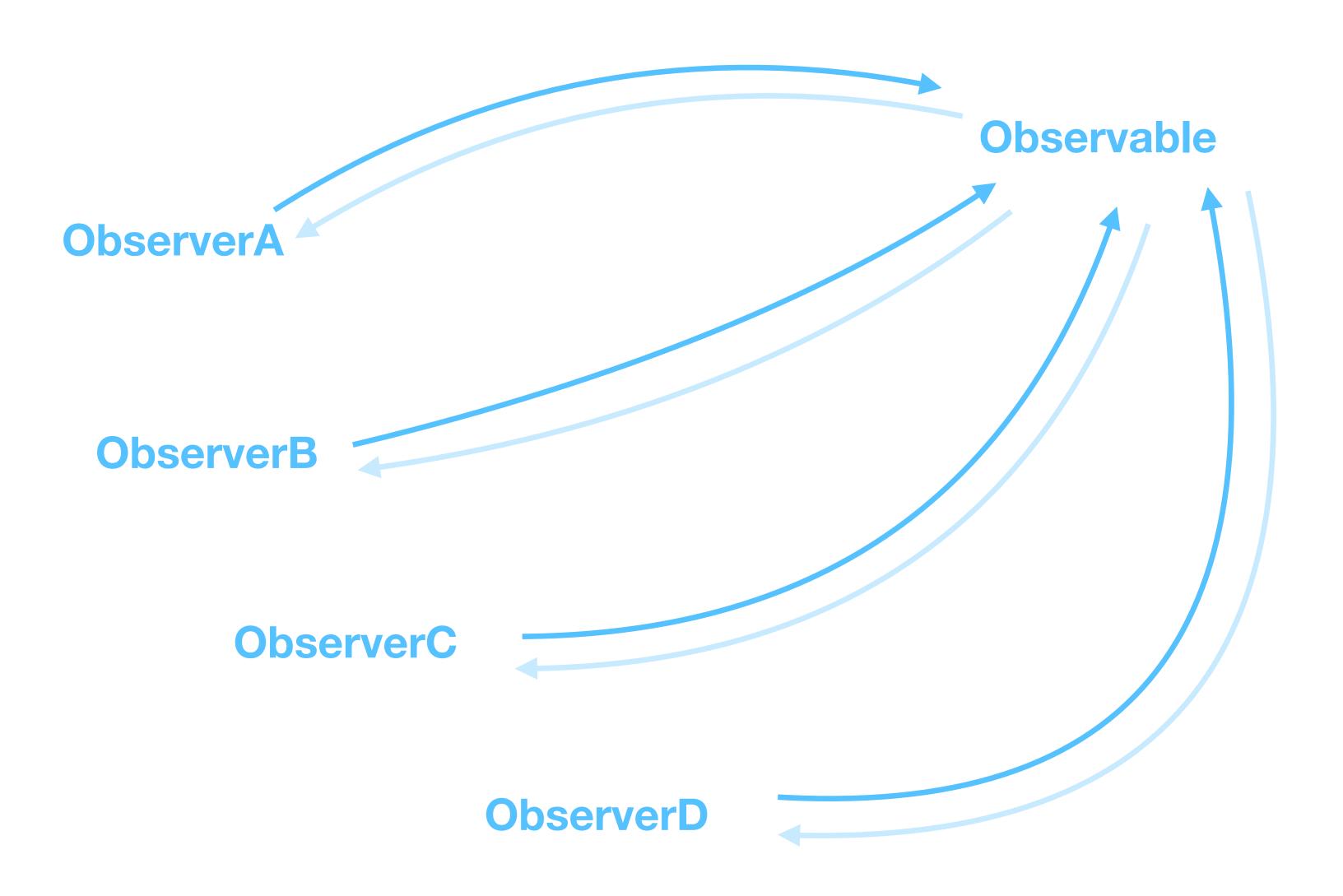














1. Easier to test

- Less dependencies
- Easier to write UI test
- Easier to write unit test

2. Improves readability

3. Single responsibility

4. Reactive UI

Thank you