

# OpenFlickrViewer

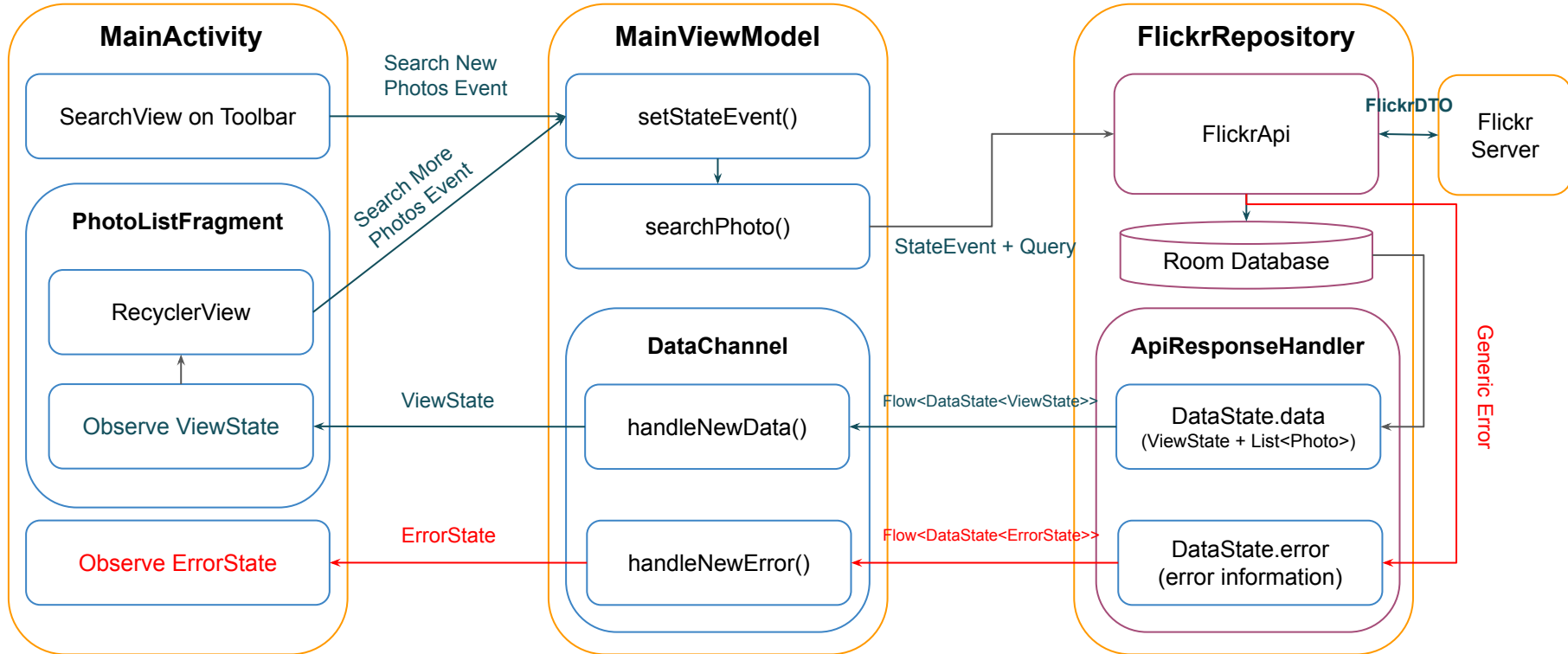
Photo Viewer using Flickr REST API

September 16, 2021  
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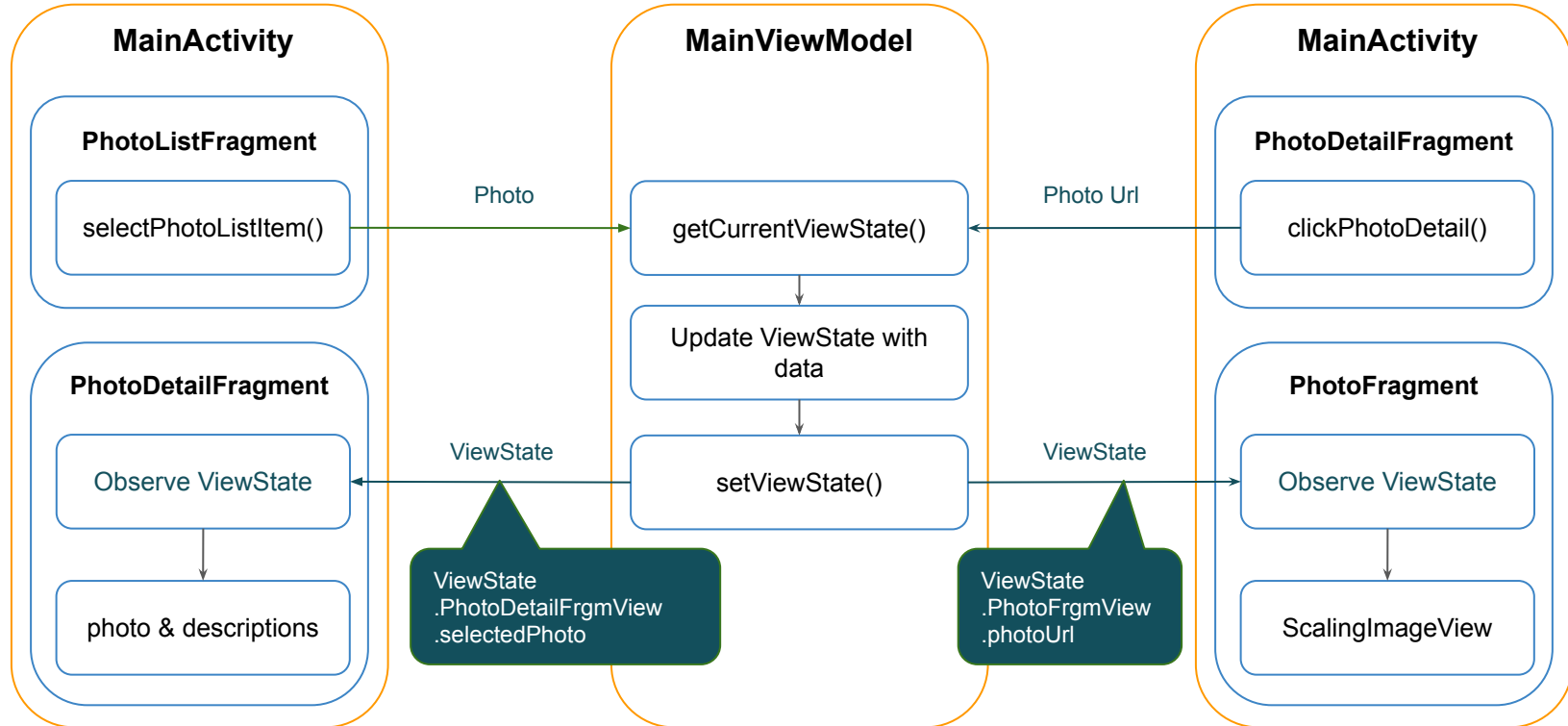
# Features

- Search for related photos on the Flickr server using specific terms.
- Load 25 photos at a time from the Flickr server.
- Load next 25 photos if you scroll down on the Photo List screen.
- Save the imported photos and descriptions to local data storage.
- View photos on the Photo List, Photo Detail, and Photo screens.
- Save the search terms for the quick search option.
- Support 9 unit test cases and 8 UI test cases including fragment navigation, network timeout, and error dialog.

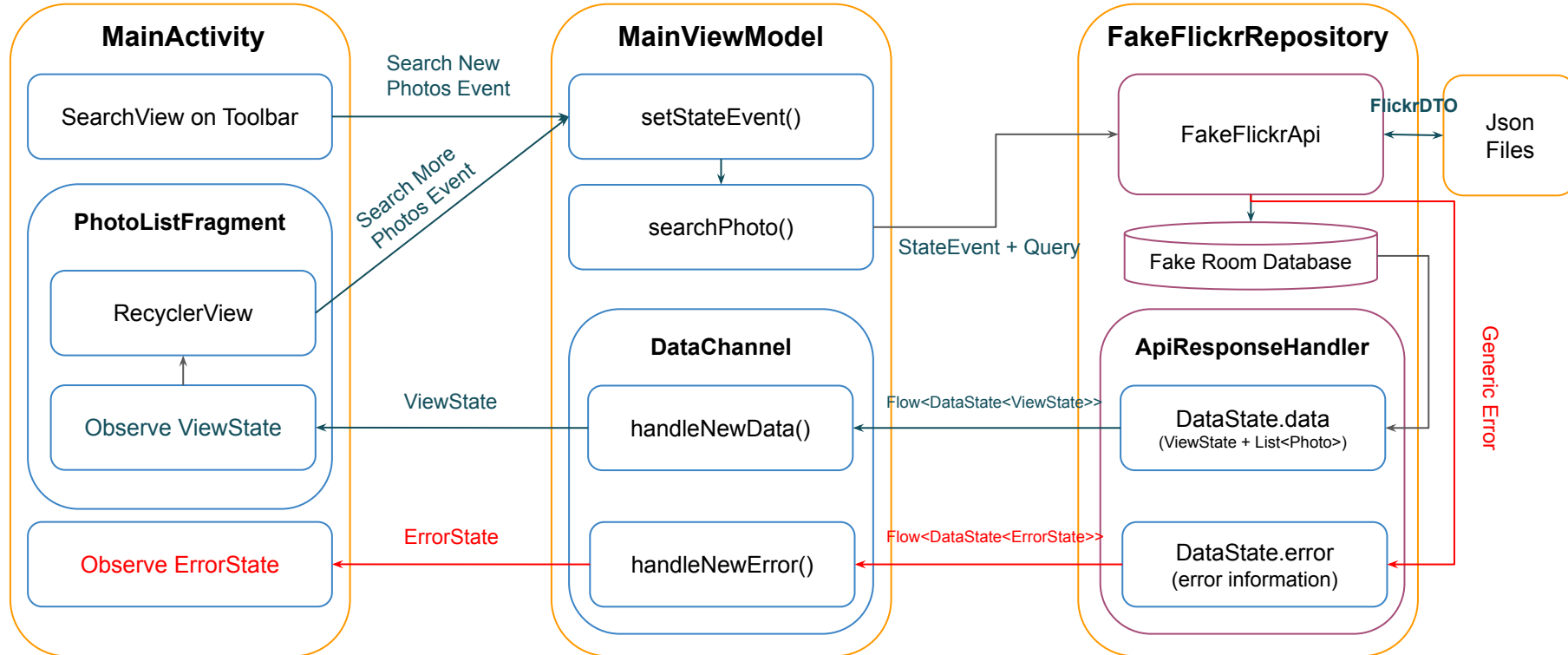
# Structure - Call Flickr API



# Structure - Fragment Navigation



# Structure - UI Test



# Structure - Components

- [Android Jetpack - Architecture Component](#)
- [Dagger](#)
- [Kotlin Flows](#), [Coroutines](#), [Retrofit](#), [OkHttp](#), and [Gson](#)
- [AndroidX Test](#), [Espresso](#), and [Junit](#)
- [Kotlin DSL](#) (Domain Specific Languages)