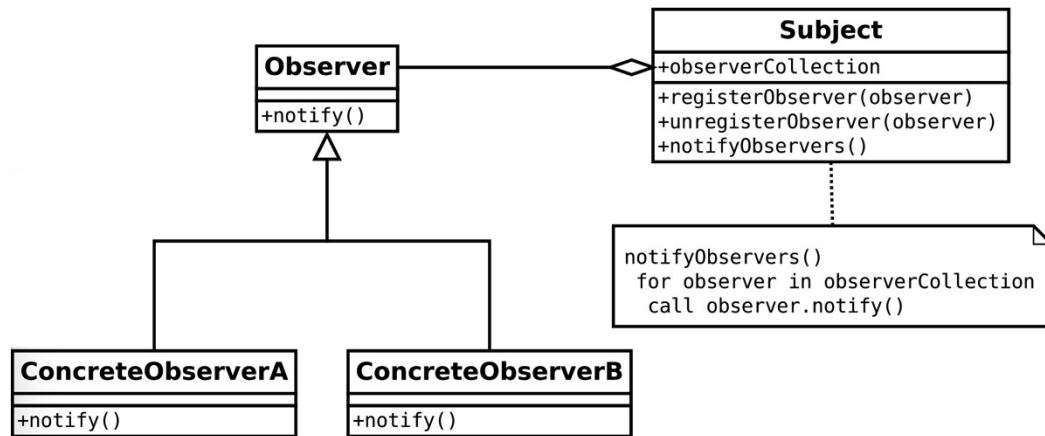
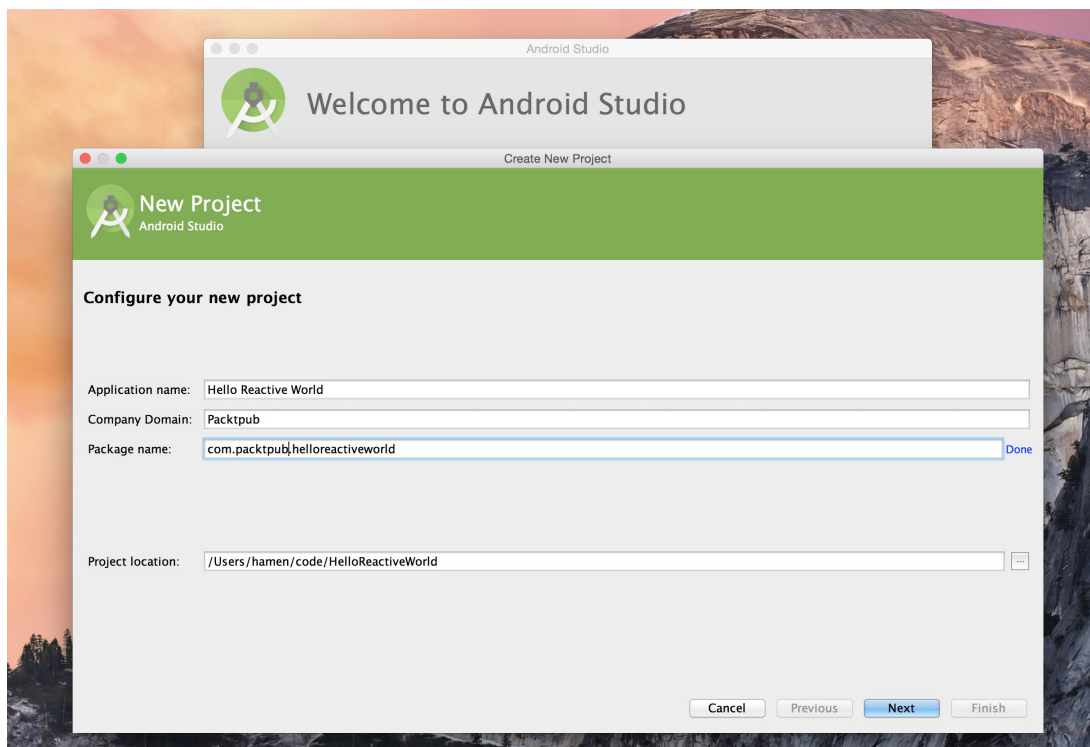


## Chapter 2

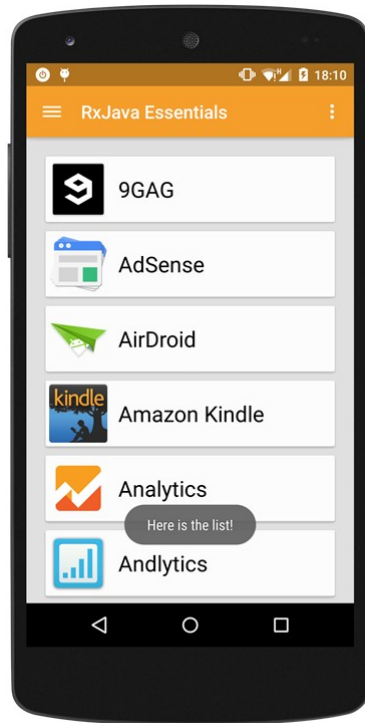
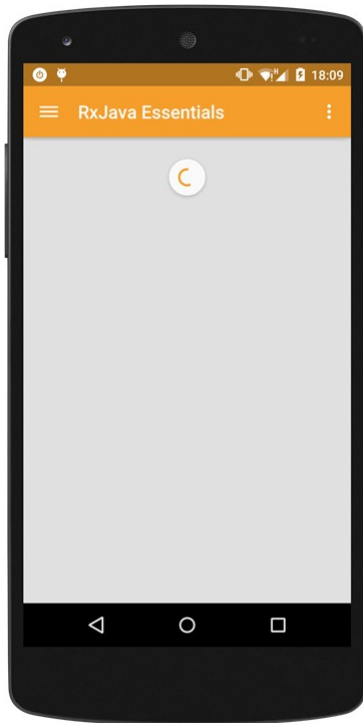


## Chapter 3

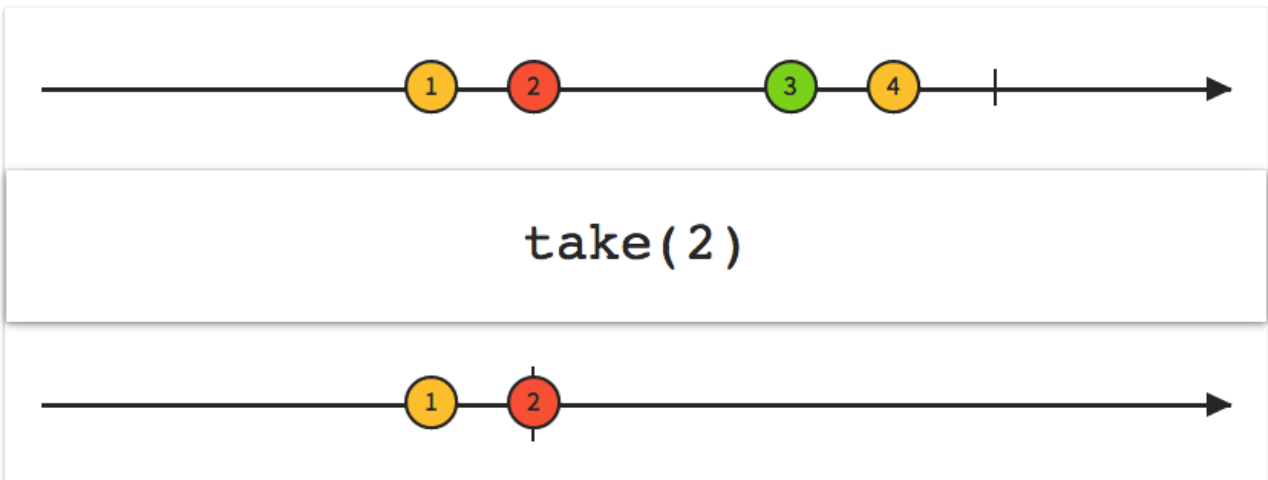
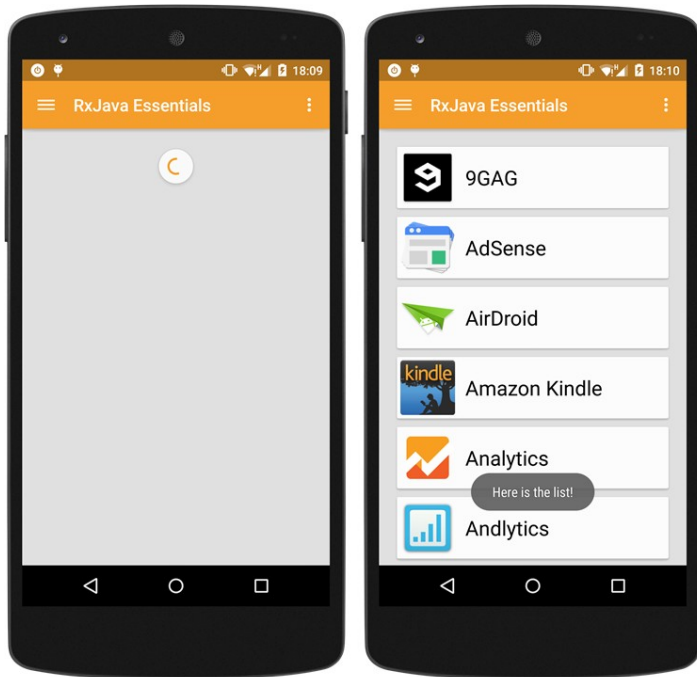


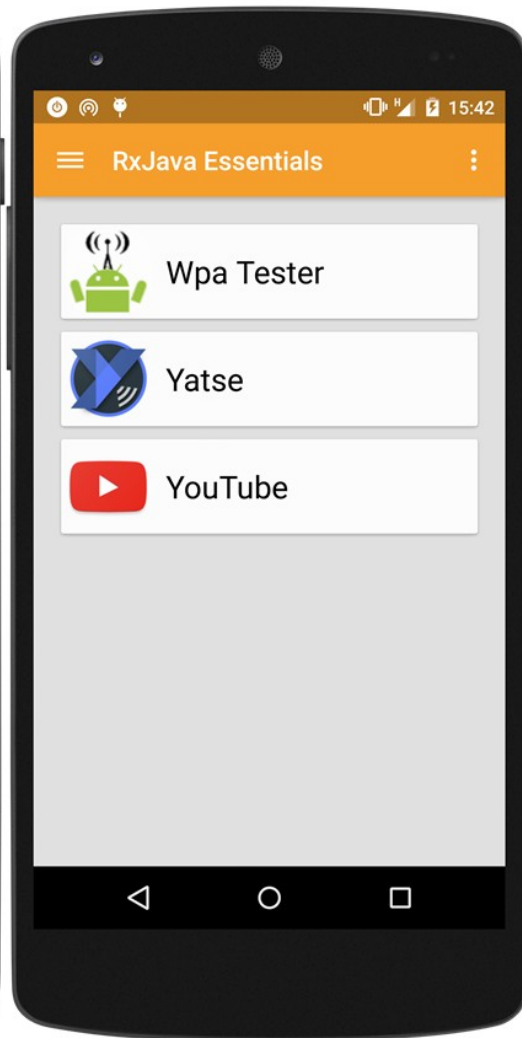
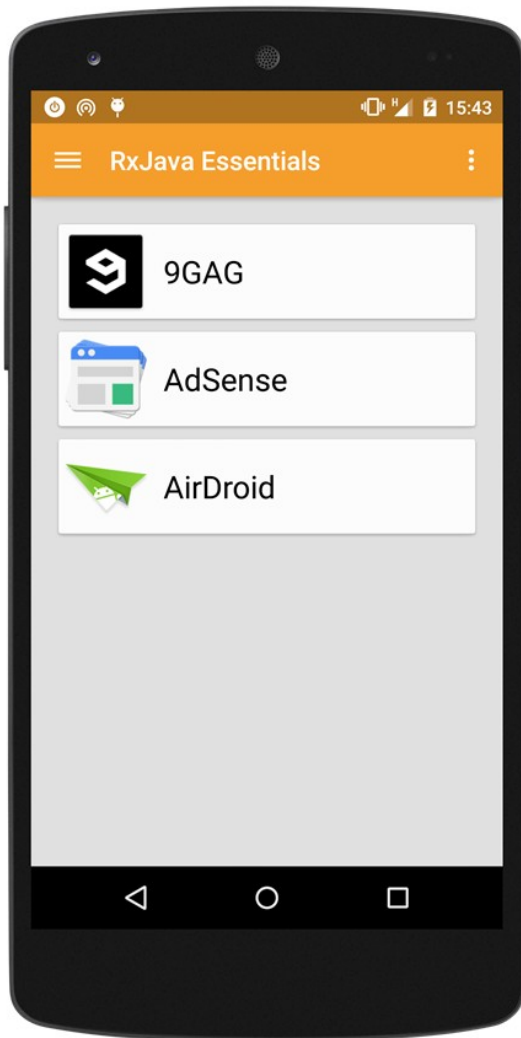
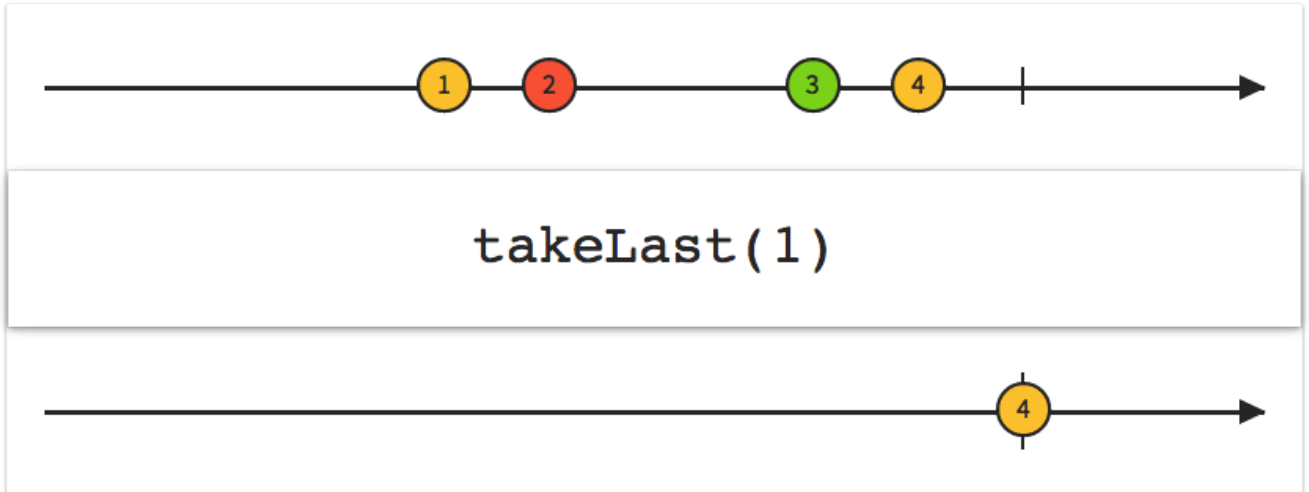
```
MainActivity.java x FirstExampleFragment.java x app x fragment_first_example.xml x
1  buildscript {
2      repositories {
3          mavenCentral()
4      }
5
6      dependencies {
7          classpath 'me.tatarka:gradle-retrolambda:2.5.0'
8      }
9  }
10
11  repositories {
12      mavenCentral()
13  }
14
15  apply plugin: 'com.android.application'
16  apply plugin: 'me.tatarka.retrolambda'
17
18  android {
19      compileSdkVersion 21
20      buildToolsVersion "21.1.2"
21
22      defaultConfig {
23          applicationId "com.packtpub.apps.rxjava_essentials"
24          minSdkVersion 16
25          targetSdkVersion 21
26          versionCode 1
27          versionName "1.0"
28      }
29
30      buildTypes {
31          release {
32              minifyEnabled false
33              proguardFiles getDefaultProguardFile('proguard-android.txt'), 'proguard-rules.pro'
34          }
35      }
36
37      compileOptions {
38          sourceCompatibility JavaVersion.VERSION_1_8
39          targetCompatibility JavaVersion.VERSION_1_8
40      }
41
42      lintOptions {
43          disable 'InvalidPackage'
44      }
45
46      packagingOptions {
47          exclude 'META-INF/services/javax.annotation.processing.Processor'
48      }
49  }
50
51  dependencies {
52      compile fileTree(dir: 'libs', include: ['*.jar'])
53      compile 'com.android.support:support-v4:21.0.3'
54      compile "com.android.support:appcompat-v7:21.0.3"
55      compile 'com.android.support:recyclerview-v7:21.0.0'
56      compile 'com.android.support:cardview-v7:21.0.3'
57
58      compile 'org.projectlombok:lombok:1.14.8'
59      compile 'com.jakewharton:butterknife:6.0.0'
60
61      compile 'io.reactivex:rxandroid:0.24.0'
62  }
63
```

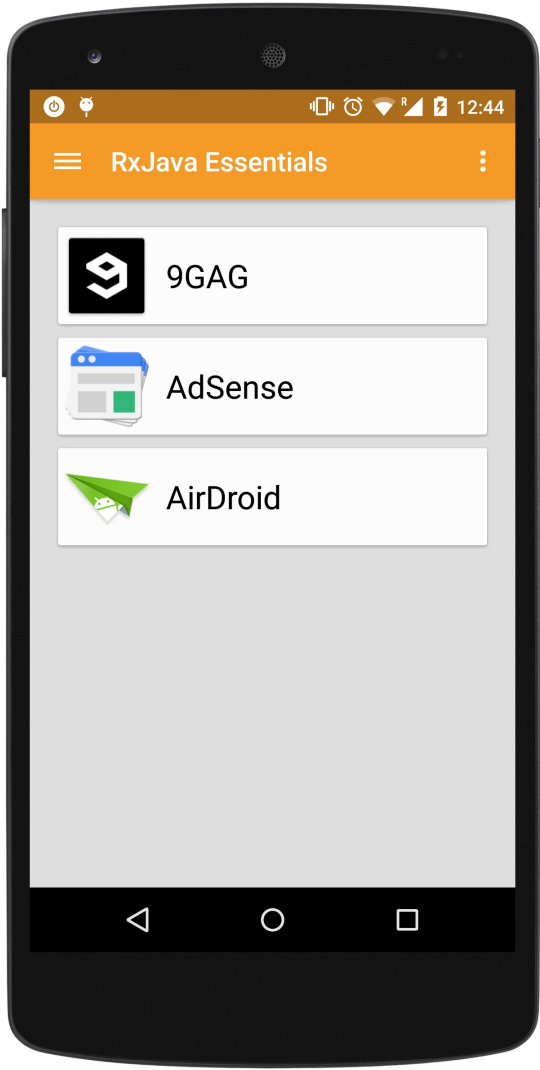
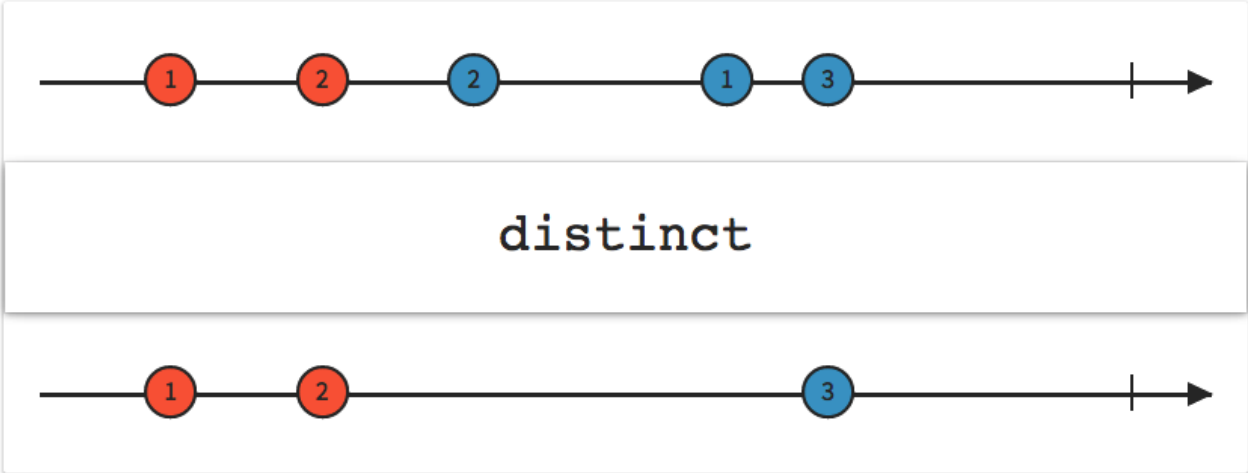
```
1 <FrameLayout xmlns:android="http://schemas.android.com/apk/res/android"
2             xmlns:tools="http://schemas.android.com/tools"
3             android:layout_width="match_parent"
4             android:layout_height="match_parent"
5             tools:context="com.packtpub.apps.rxjava_essentials.example1.FirstExampleFragment">
6
7     <android.support.v4.widget.SwipeRefreshLayout
8         android:id="@+id/fragment_first_example_swipe_container"
9         android:layout_width="match_parent"
10        android:layout_height="match_parent">
11
12        <android.support.v7.widget.RecyclerView
13            android:id="@+id/fragment_first_example_list"
14            android:clipToPadding="false"
15            android:layout_width="match_parent"
16            android:layout_height="match_parent"
17            android:paddingRight="@dimen/activity_horizontal_margin"
18            android:paddingLeft="@dimen/activity_horizontal_margin"
19            android:paddingTop="@dimen/activity_horizontal_margin"
20            android:paddingBottom="@dimen/activity_vertical_margin"/>
21    </android.support.v4.widget.SwipeRefreshLayout>
22
23 </FrameLayout>
24
```

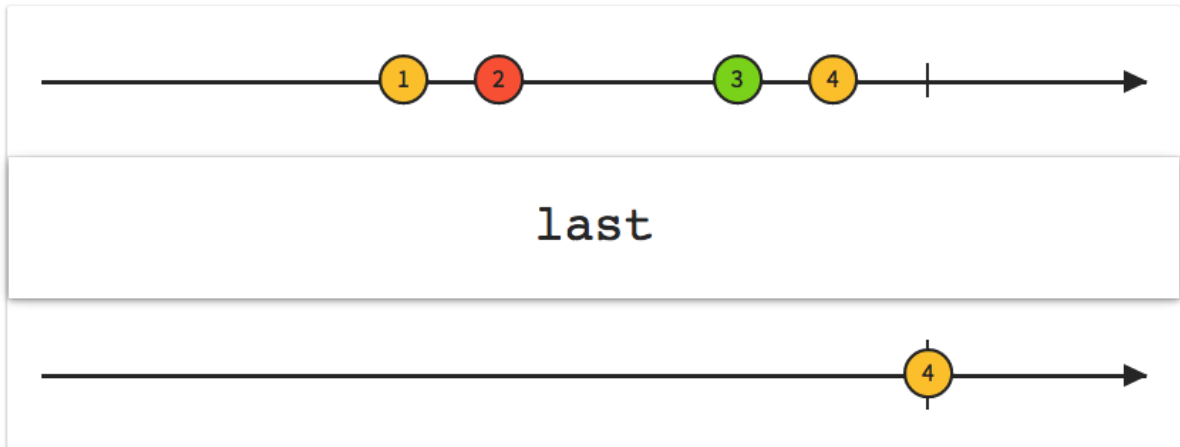
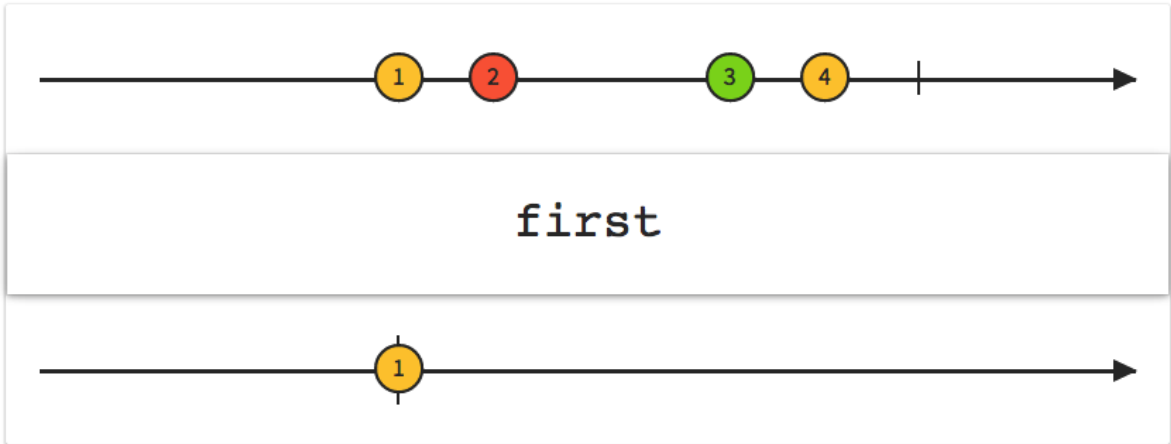
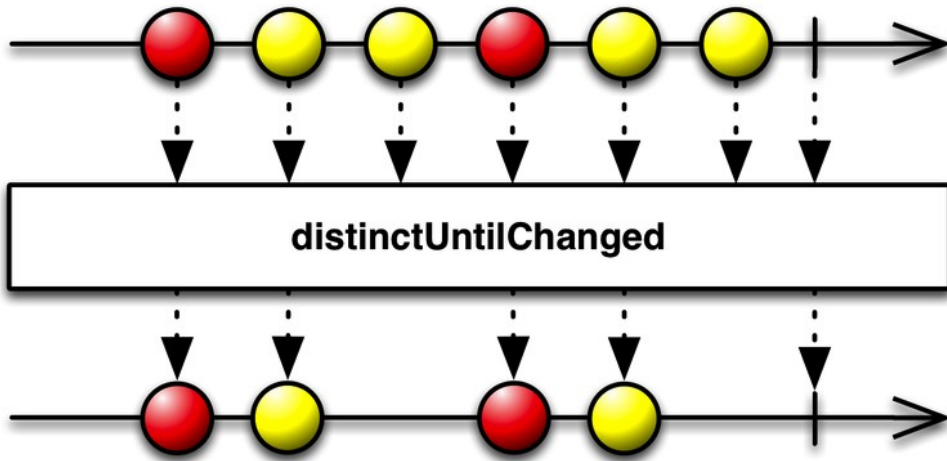


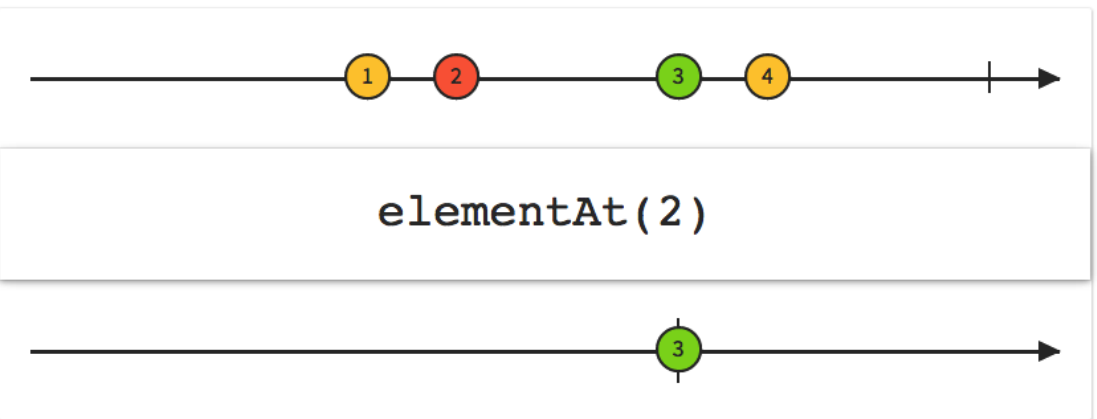
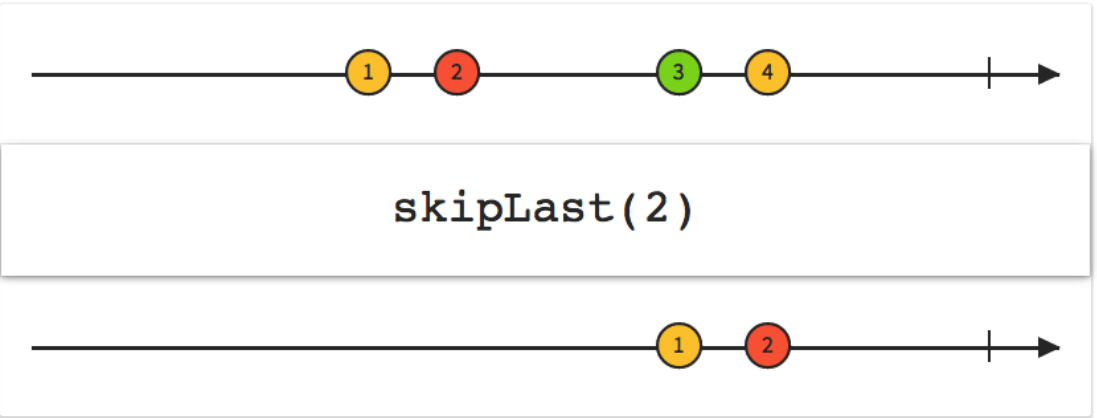
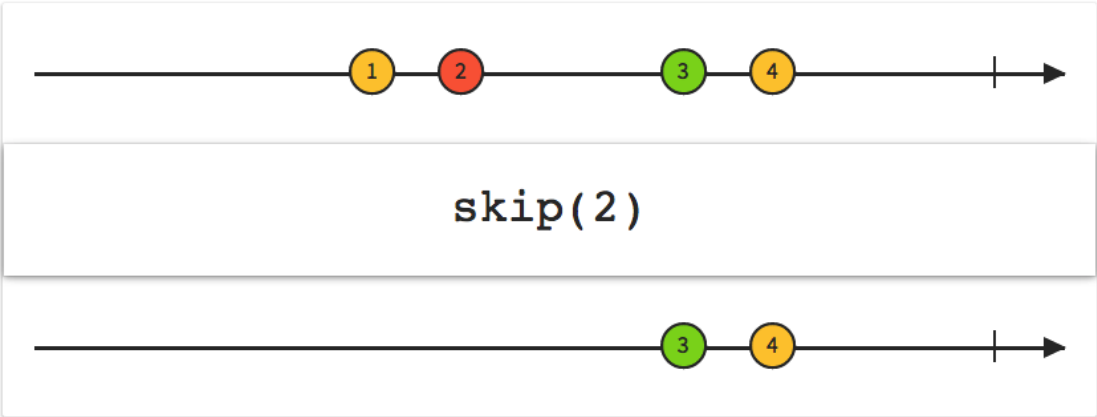
## Chapter 4



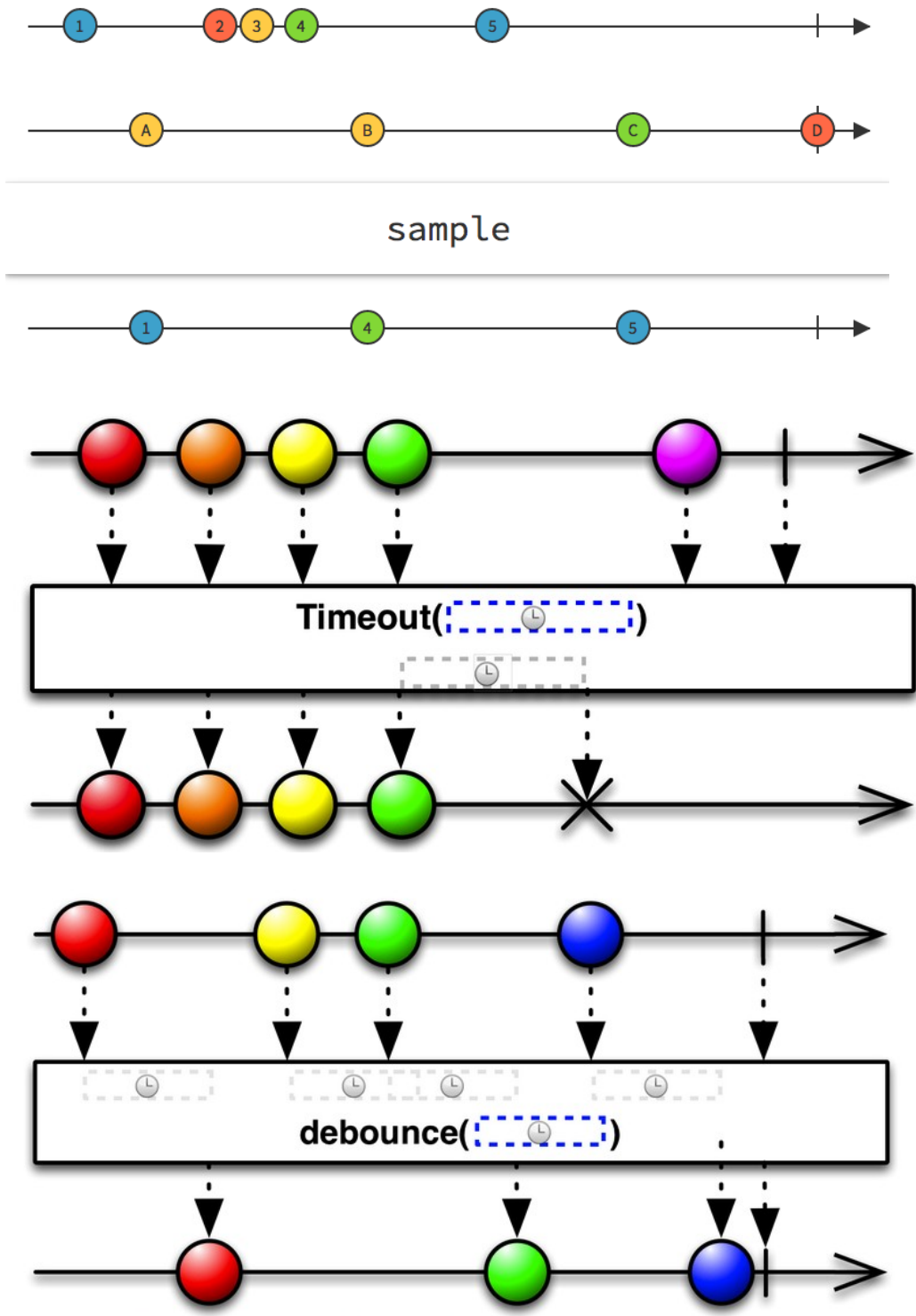




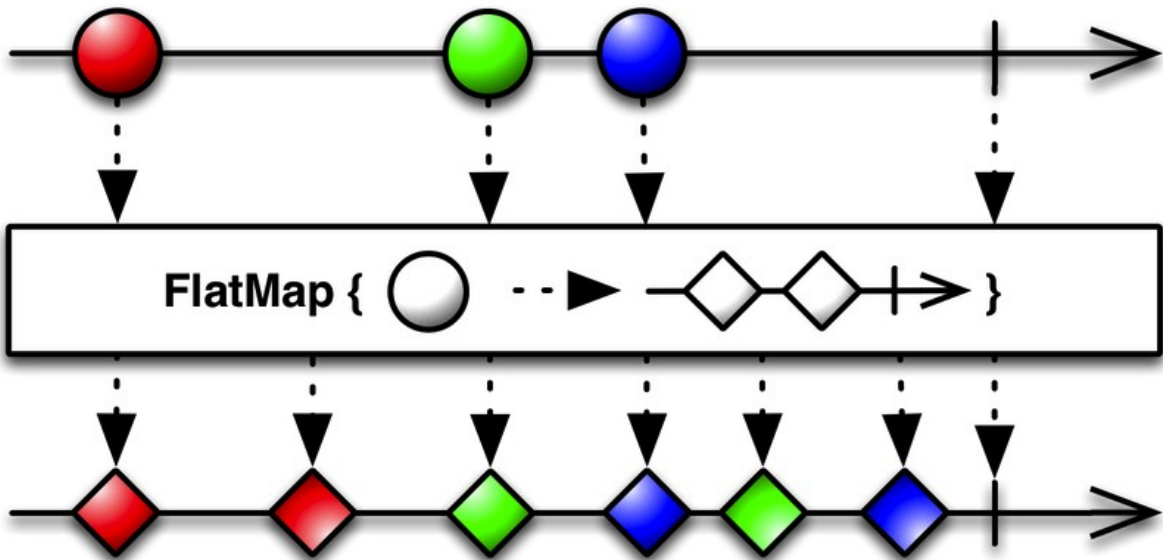
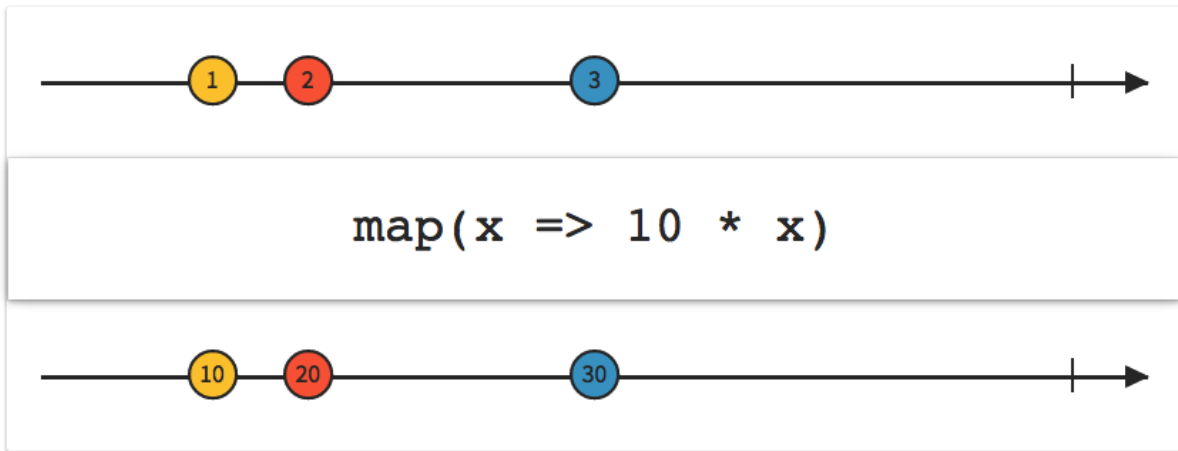


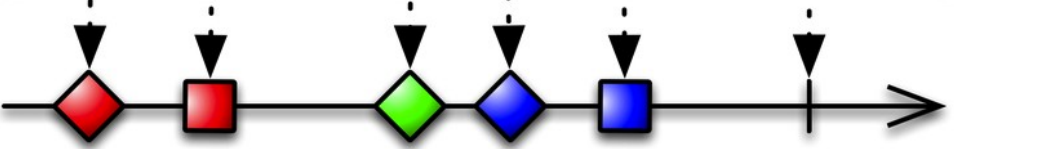
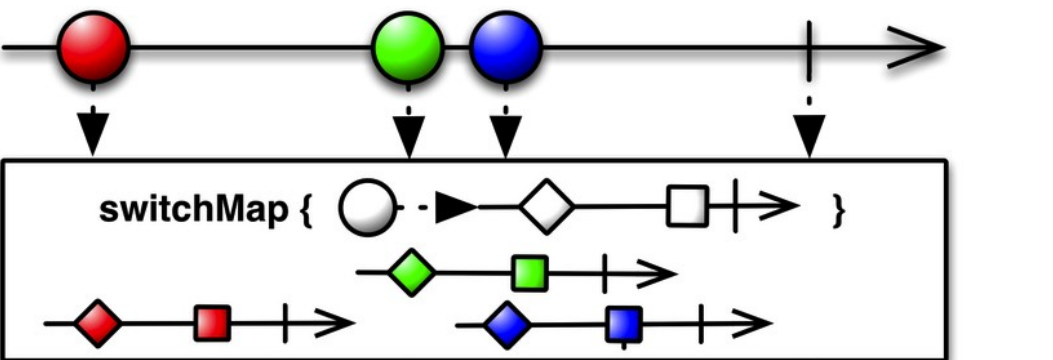
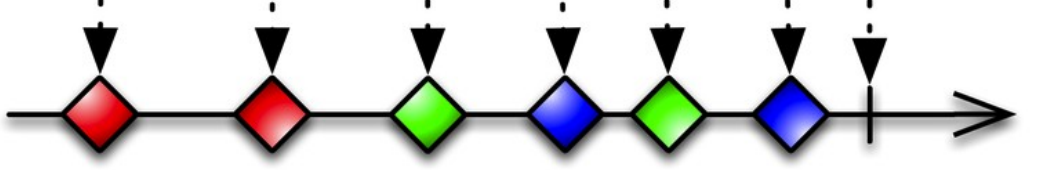
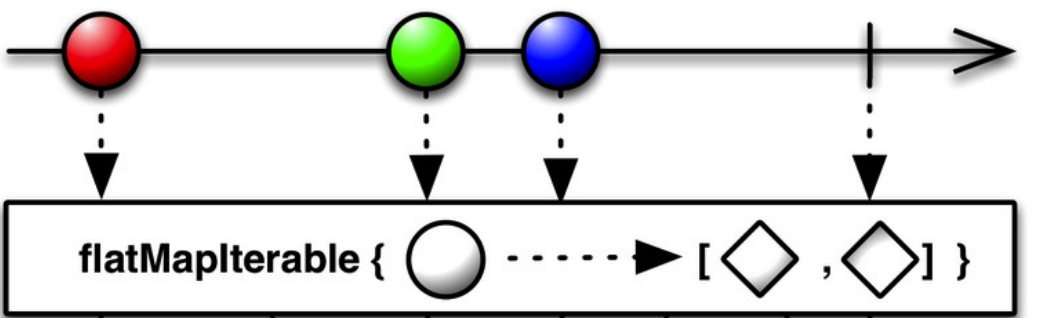
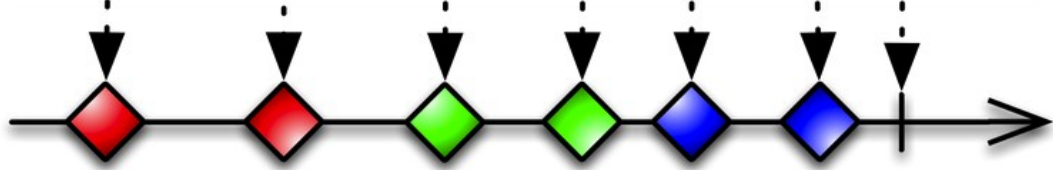
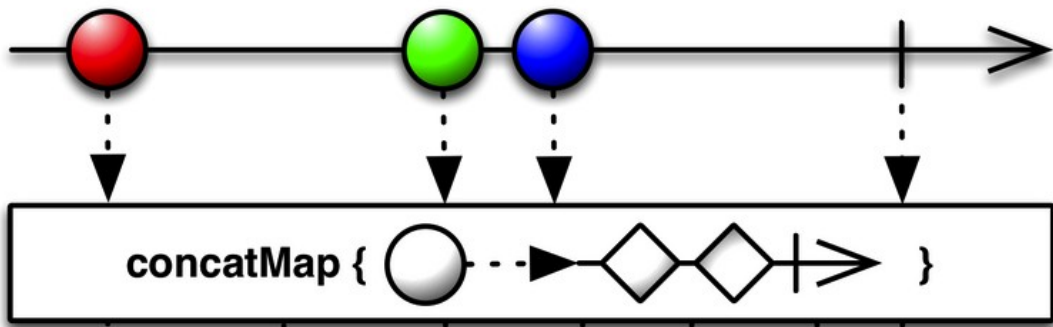


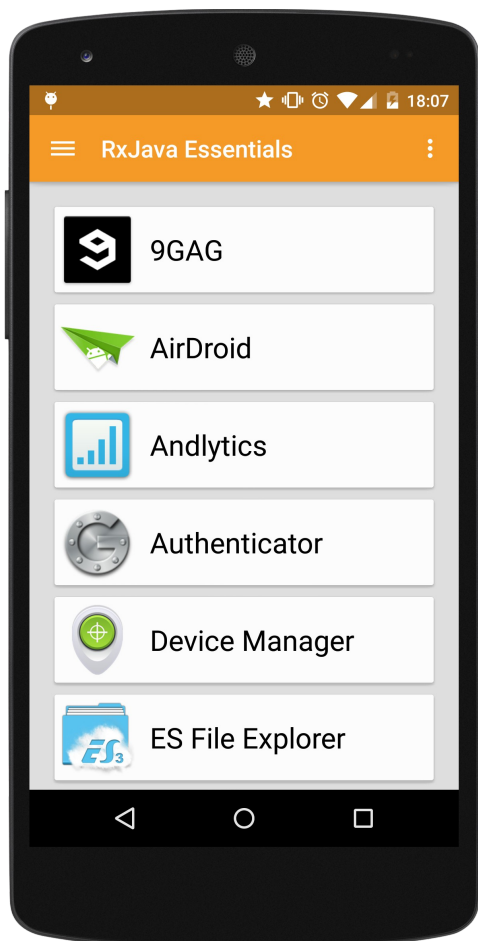
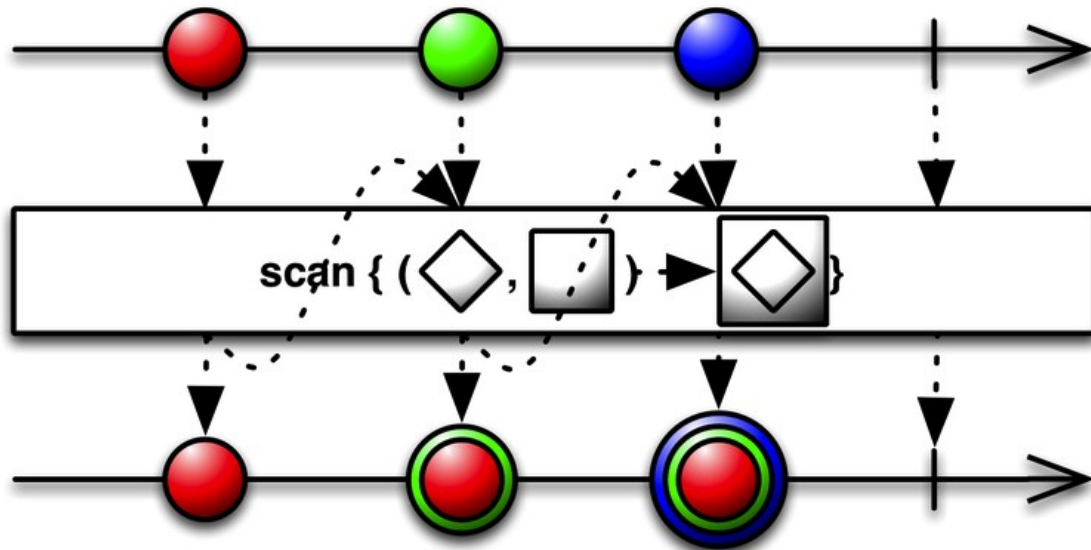


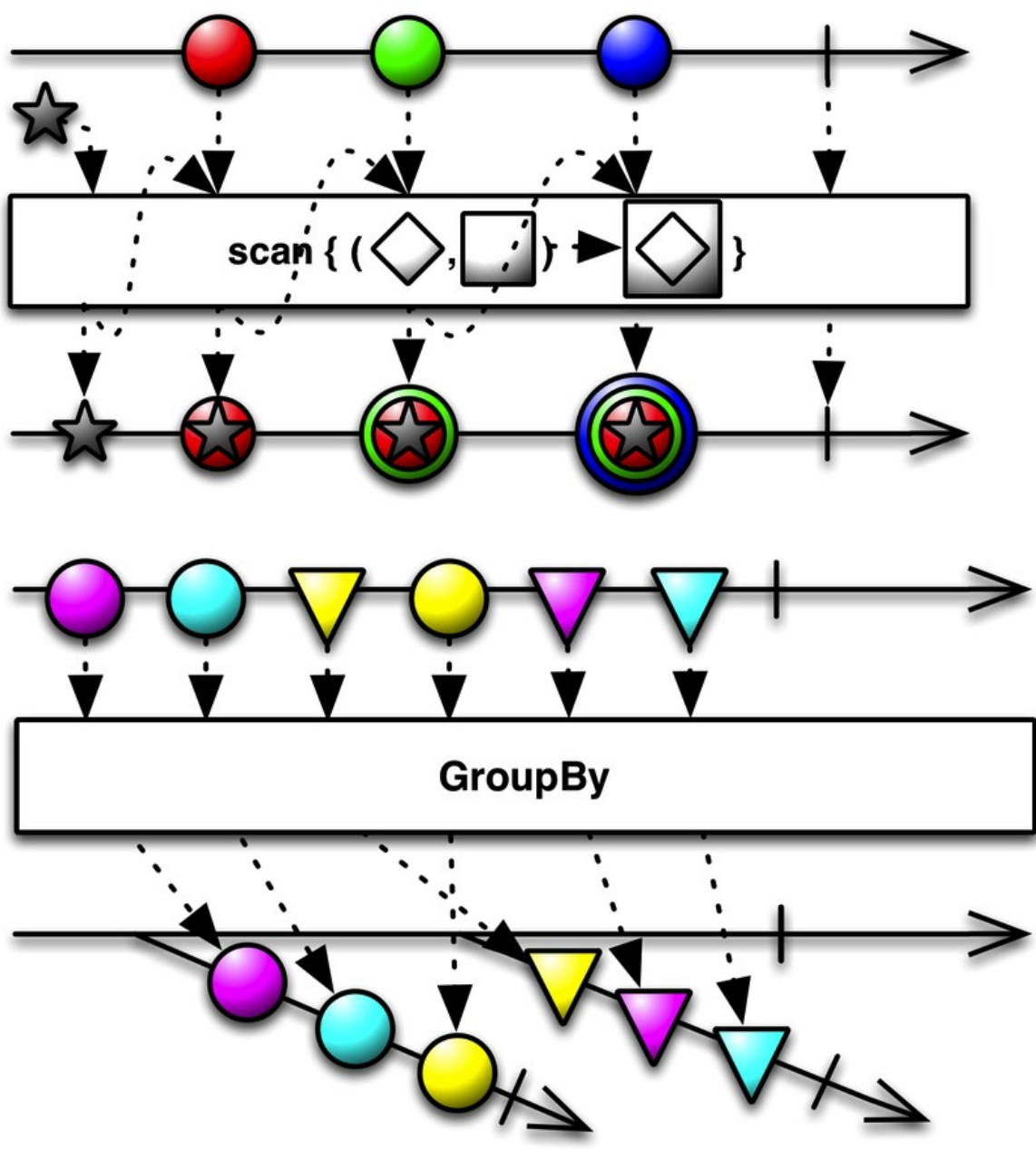


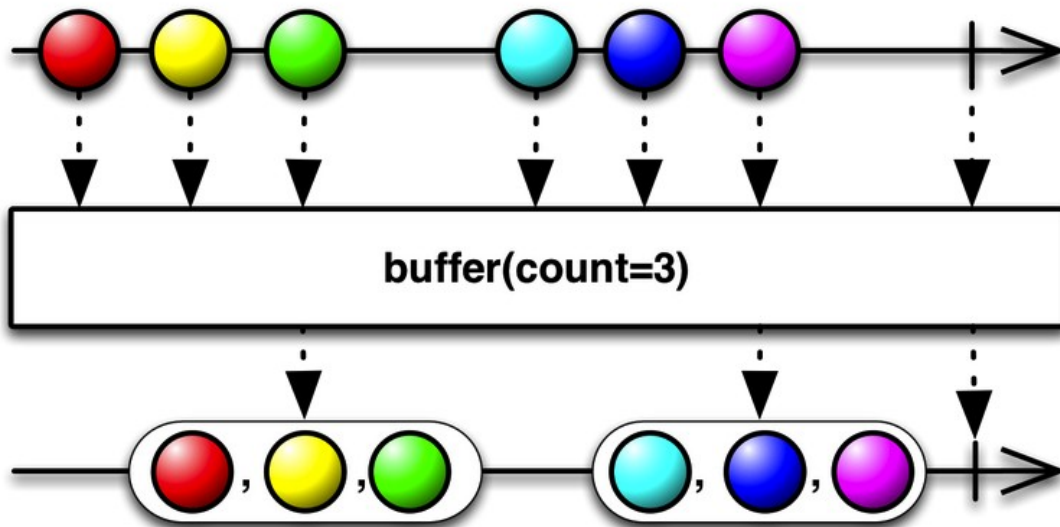
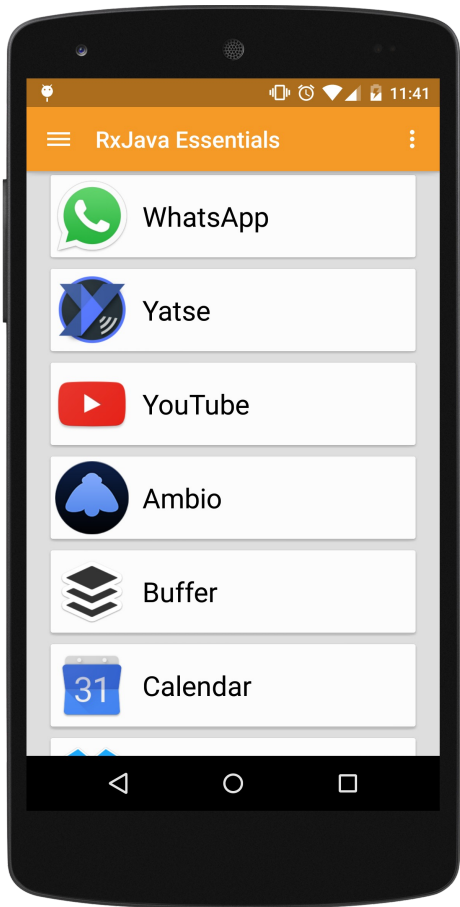
Chapter 5

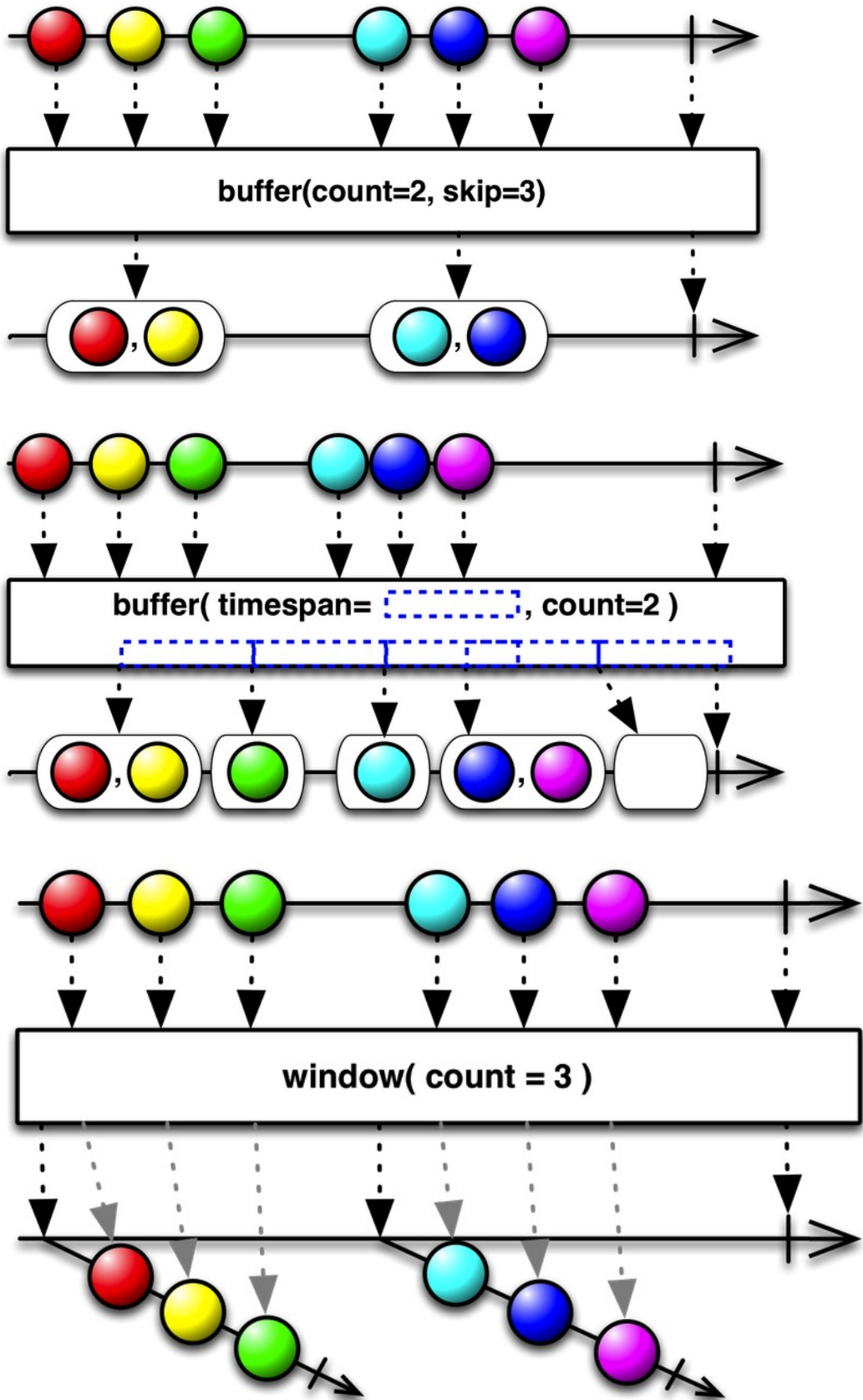


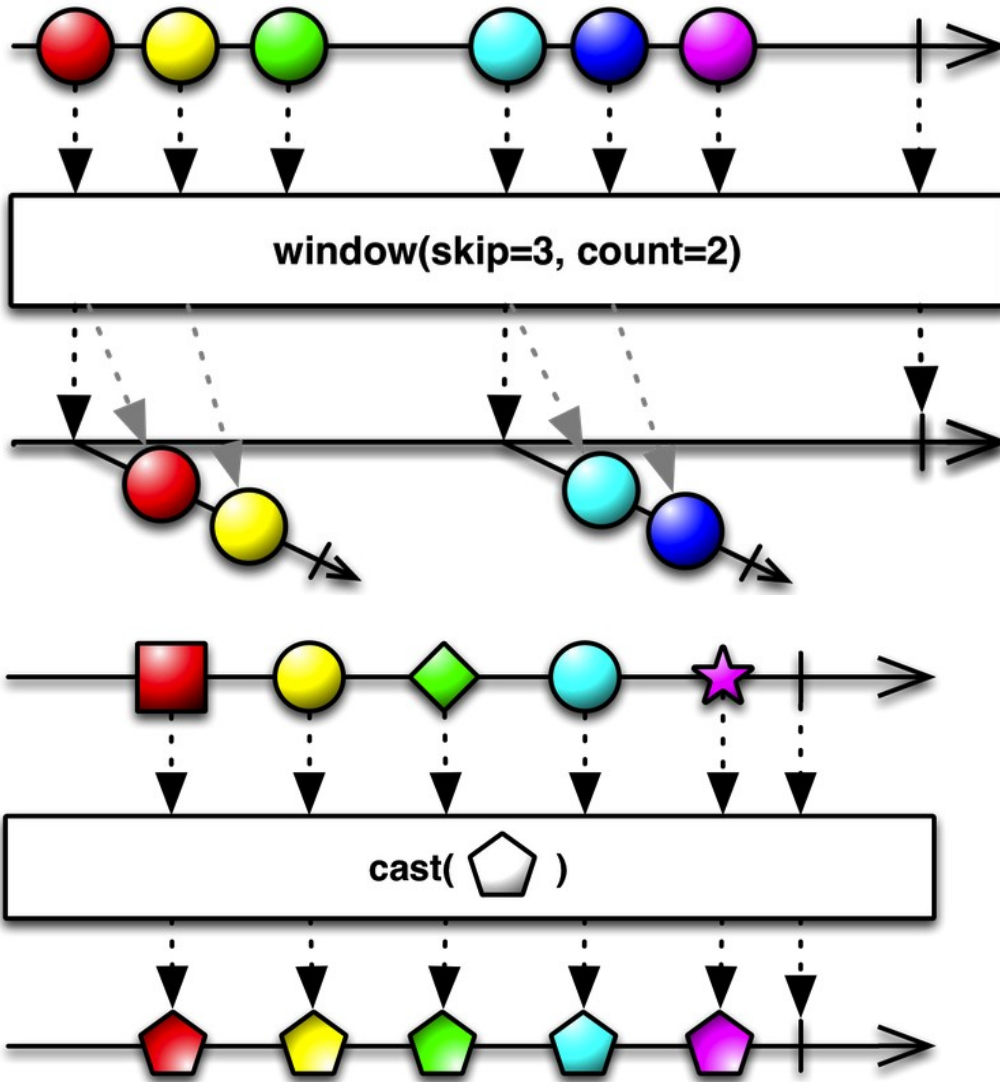




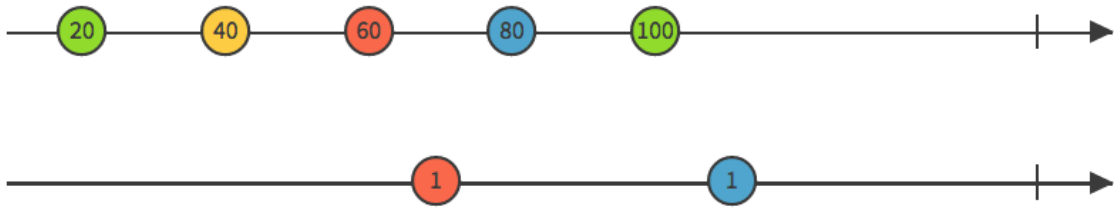




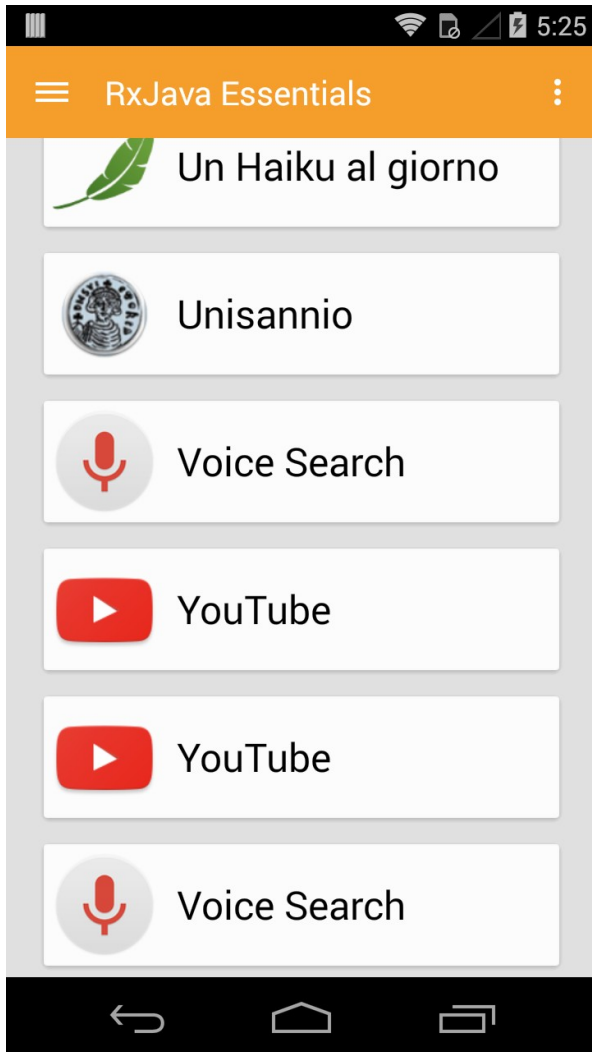


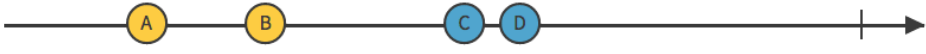
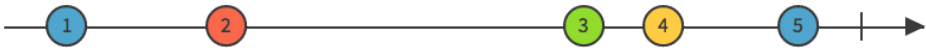
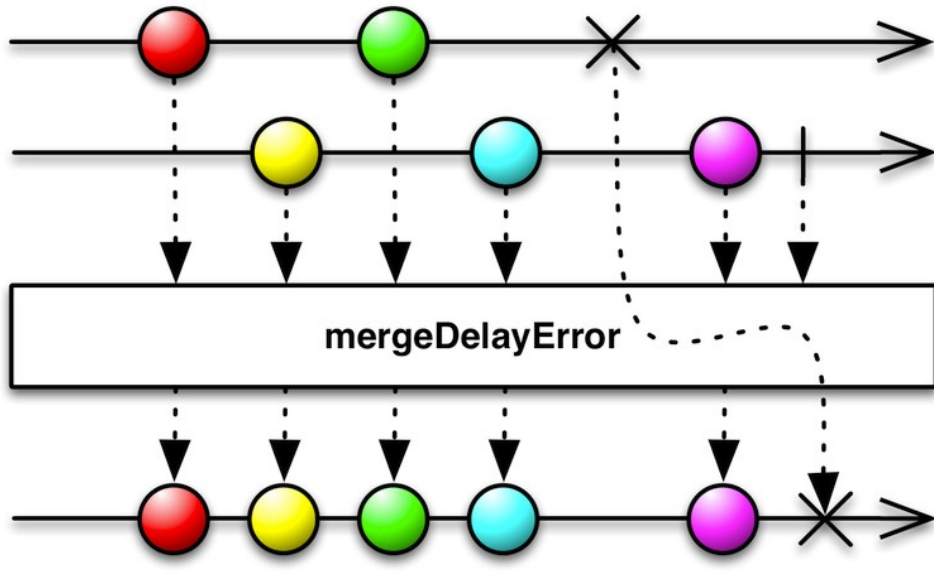






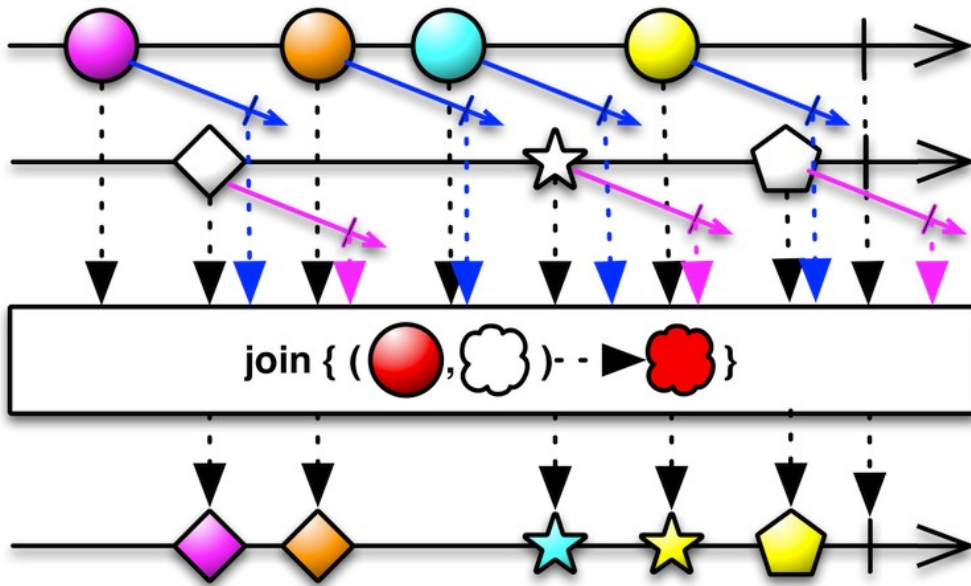
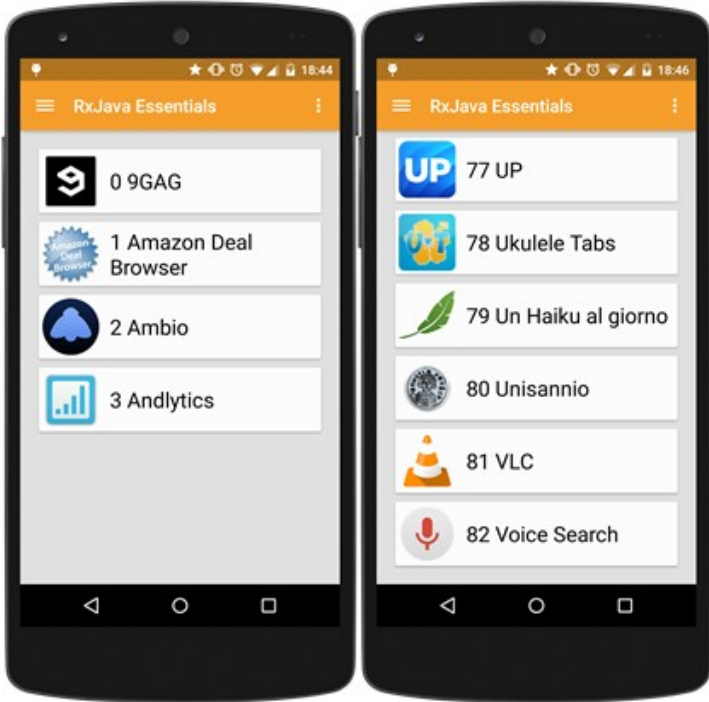
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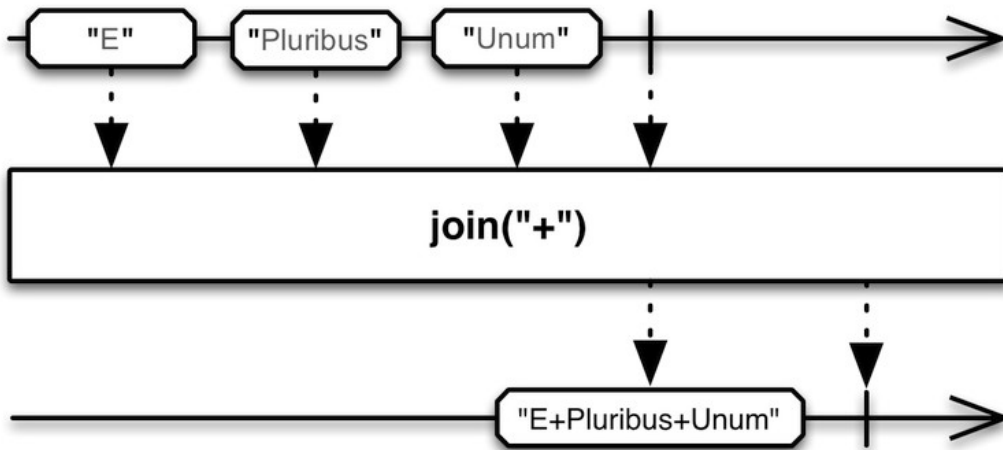
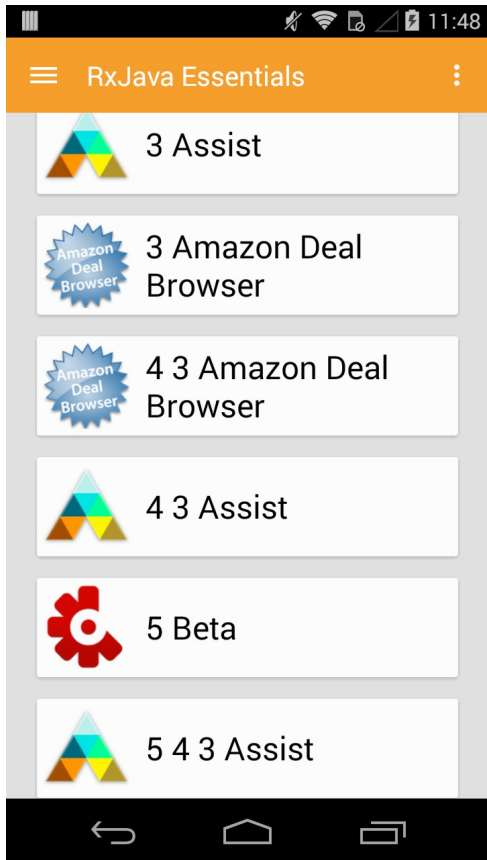


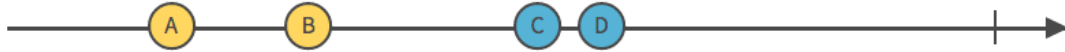


zip

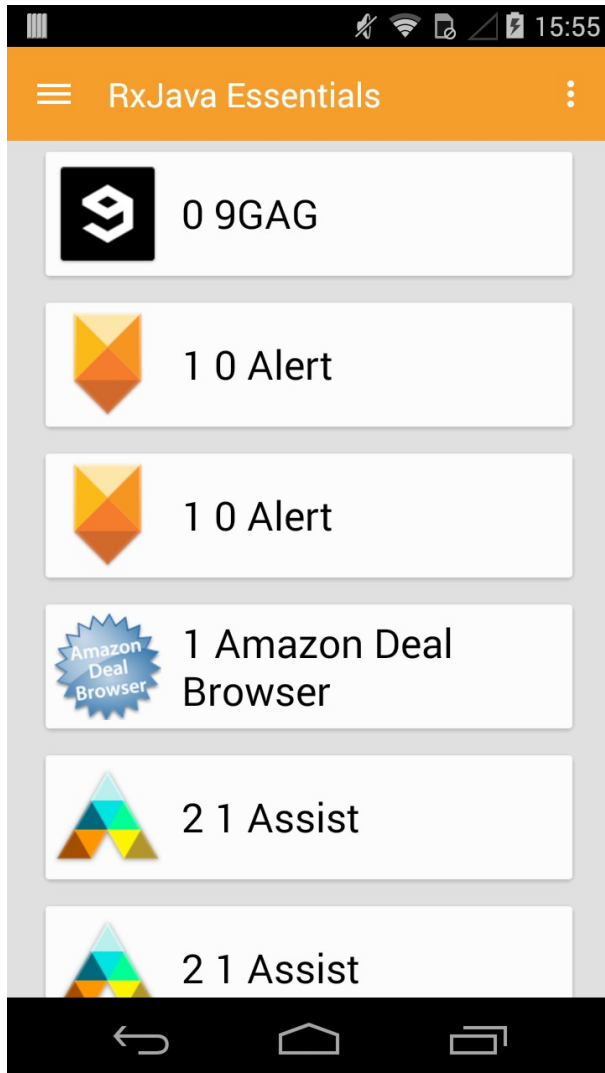


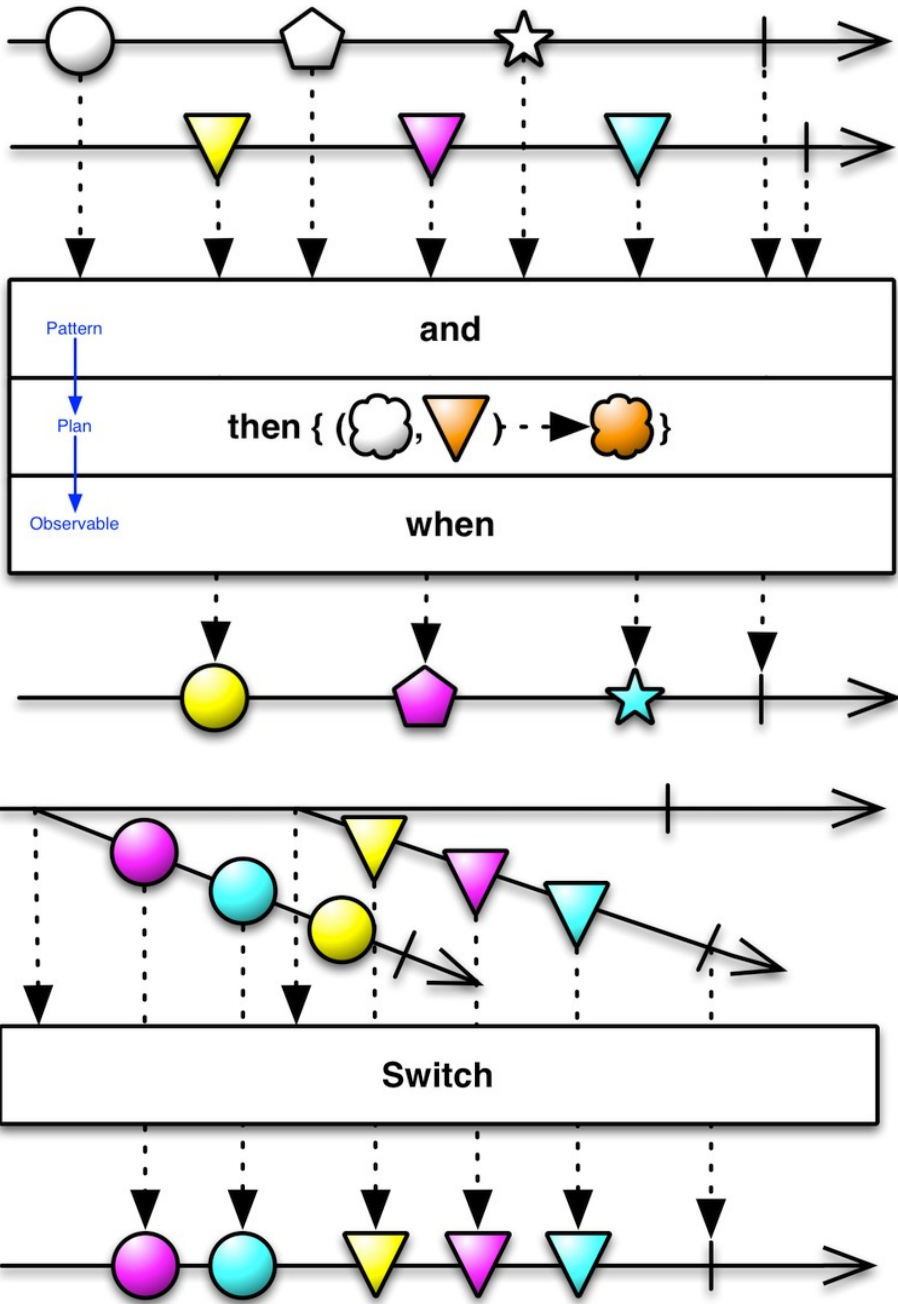


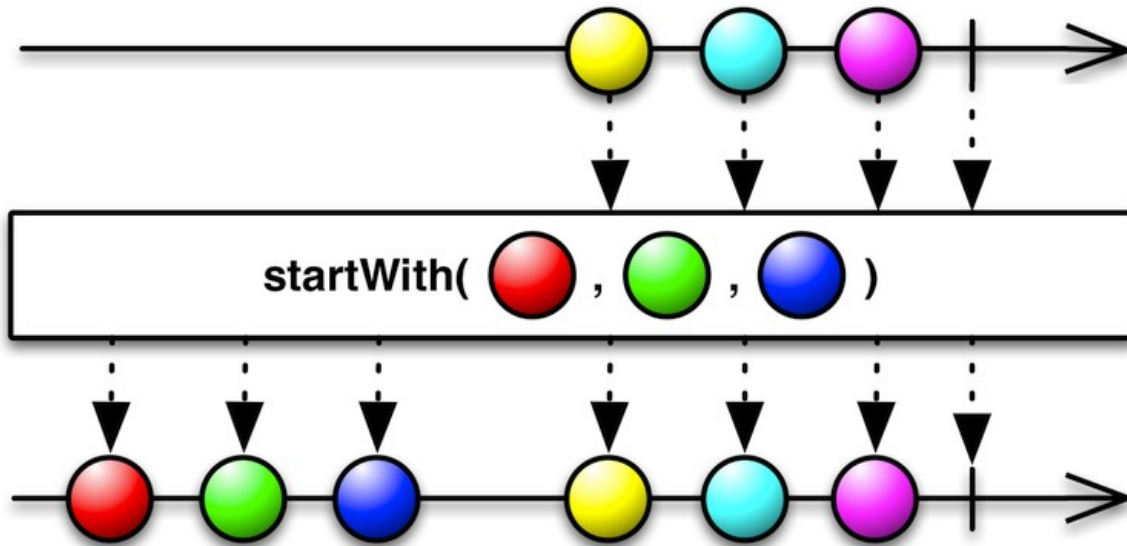




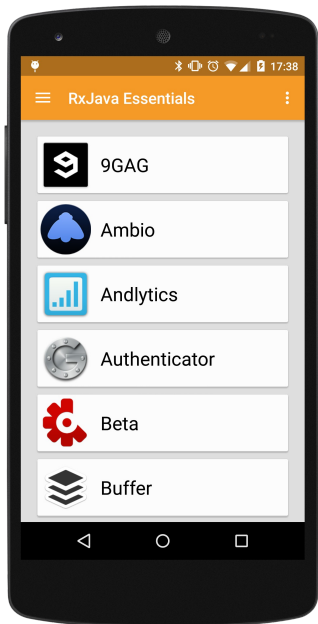
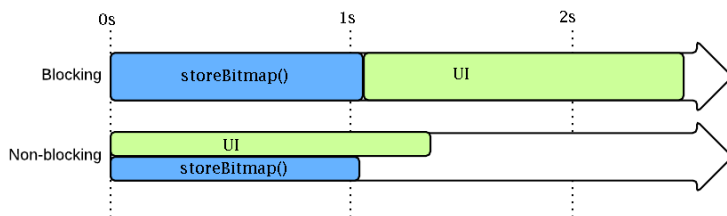
```
combineLatest((x, y) => "" + x + y)
```

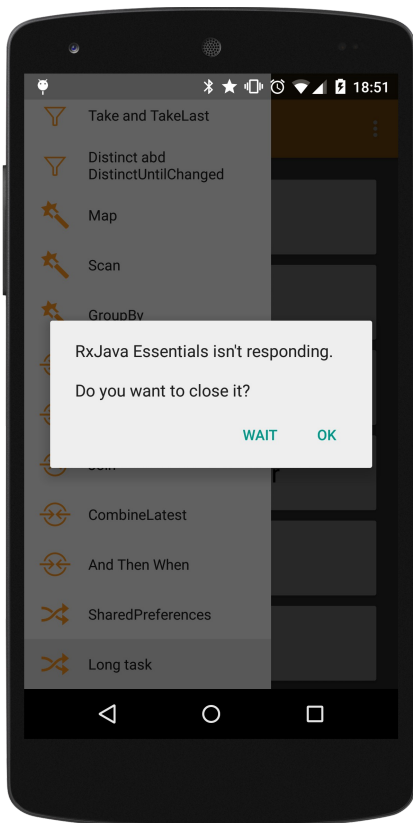
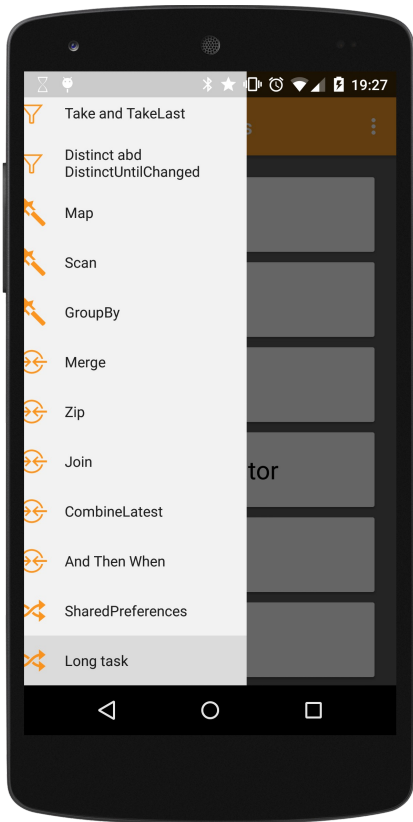




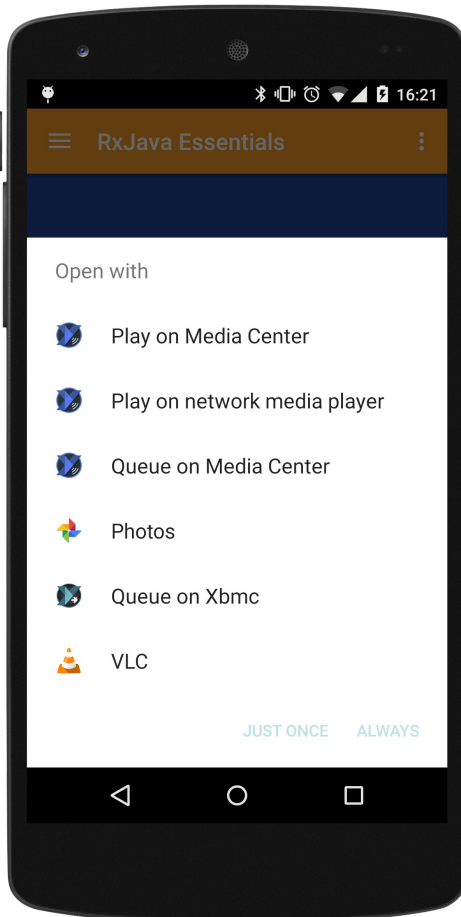
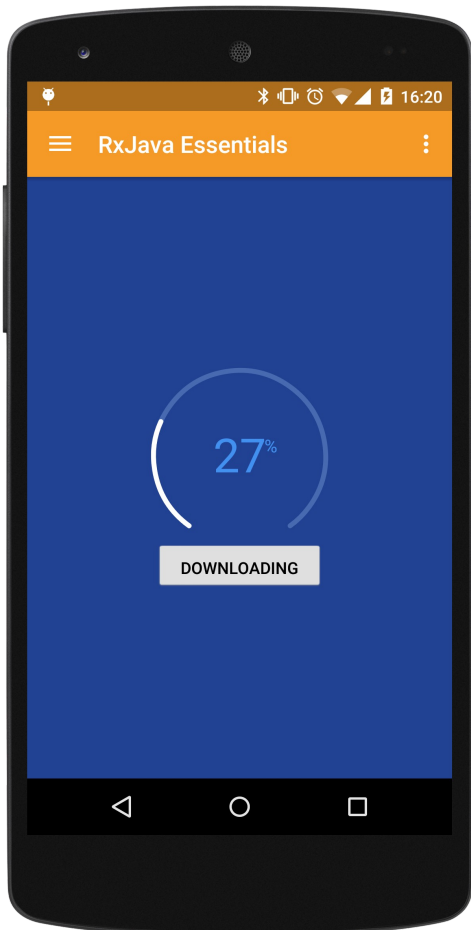
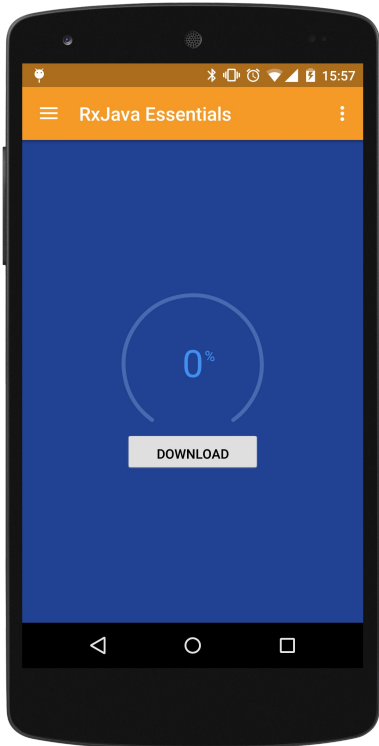


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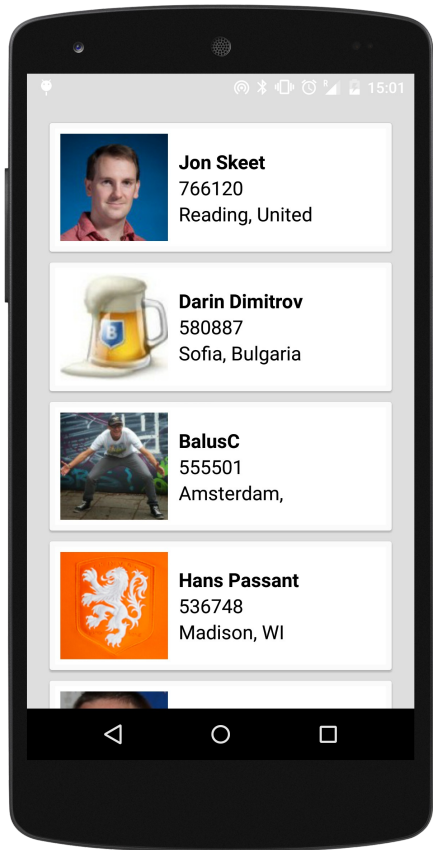


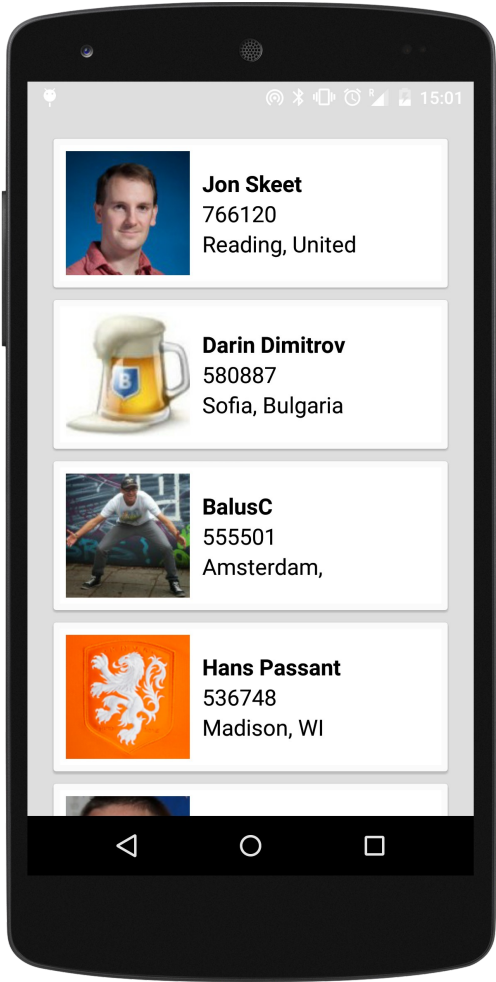






## Chapter 8





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