

Android Development



Custom Dialog

- Alert dialog - Material Dialog
- Custom Alert Dialog
- Fragment Dialog
- Activity Dialog

Alert Dialog -> Builder

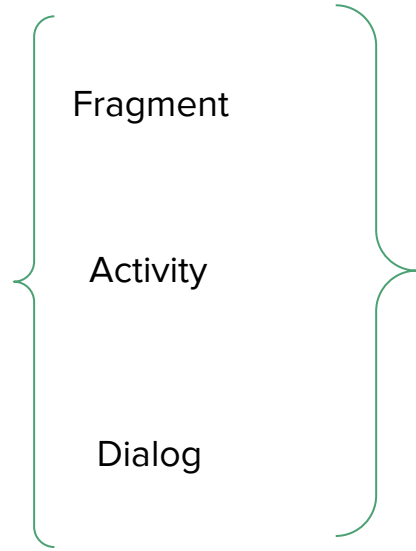
Fragment Dialog

- Extends from DialogFragment
- Override onCreateDialog
- Layout -> SetView -> inflate

AlertDialog

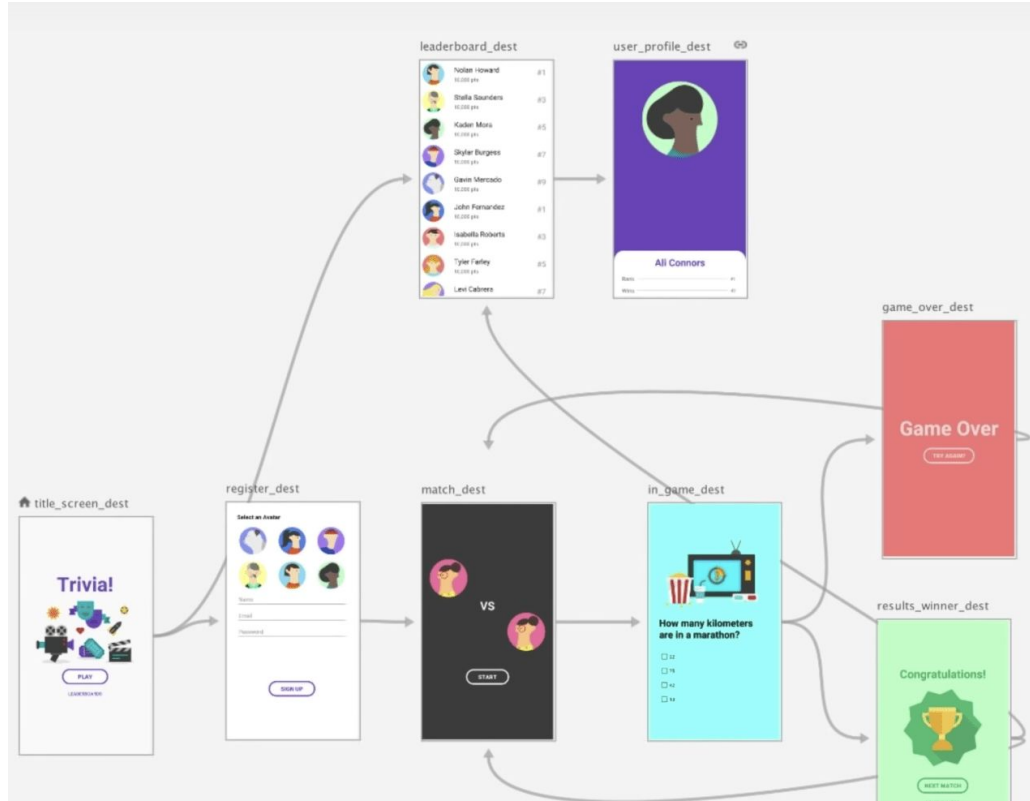
- `<activity android:theme="@android:style/Theme.Holo.Dialog" >`

Layout



Dialog

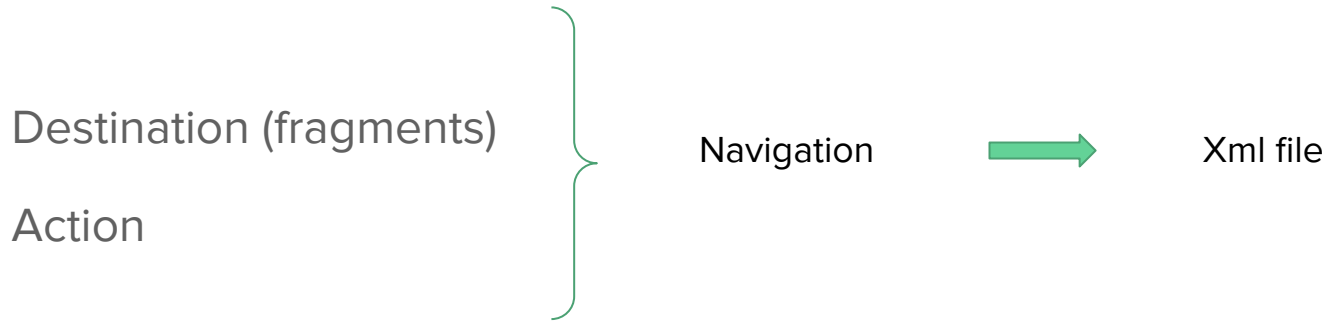
Navigation Component



Navigation Component

```
dependencies {  
    def nav_version = "2.8.9"  
  
    // Kotlin  
    implementation "androidx.navigation:navigation-fragment-ktx:$nav_version"  
    implementation "androidx.navigation:navigation-ui-ktx:$nav_version"  
  
    // Feature module Support  
    implementation "androidx.navigation:navigation-dynamic-features-fragment:$nav_version"  
  
    // Testing Navigation  
    androidTestImplementation "androidx.navigation:navigation-testing:$nav_version"  
  
    // Jetpack Compose Integration  
    implementation "androidx.navigation:navigation-compose:1.0.0-alpha10"  
}
```

Navigation Component



<https://developer.android.com/guide/navigation/navigation-ui>

Navigation Component

```
<androidx.fragment.app.FragmentContainerView
```

```
    android:id="@+id/nav_host_fragment"
```

```
    android:name="androidx.navigation.fragment.NavHostFragment"
```

```
    ...
```

```
    app:defaultNavHost="true"
```

```
    app:navGraph="@navigation/nav_graph" />
```

id

Class

NavHost

Graph

Navigation Component

Destination

```
<fragment  
    android:id="@+id/blankFragment"  
    android:name="com.example.cashdog.cashdog.BlankFragment"  
    android:label="Blank"  
    tools:layout="@layout/fragment_blank" />
```

Nav



Start destination



Navigation Component

Define the navigation host in your activity

```
val navHostFragment =supportFragmentManager.findFragmentById(R.id.nav_host_fragment) as NavHostFragment
```

```
val navController = navHostFragment.navController
```

```
//use the Bottom Navigation View with the navController
```

```
findViewById<BottomNavigationView>(R.id.nav_view).setupWithNavController(navController)
```