

# Implementing Drawer Navigation Behavior

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# What to Expect from This Module



**App overview**

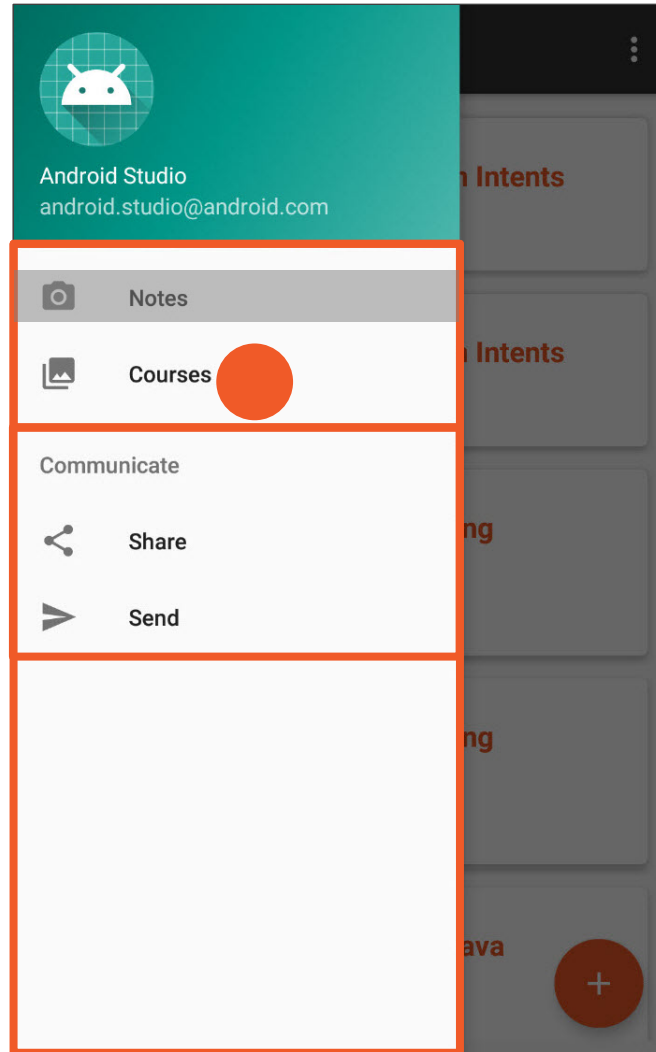
**NavigationView**

**NavigationView resources**

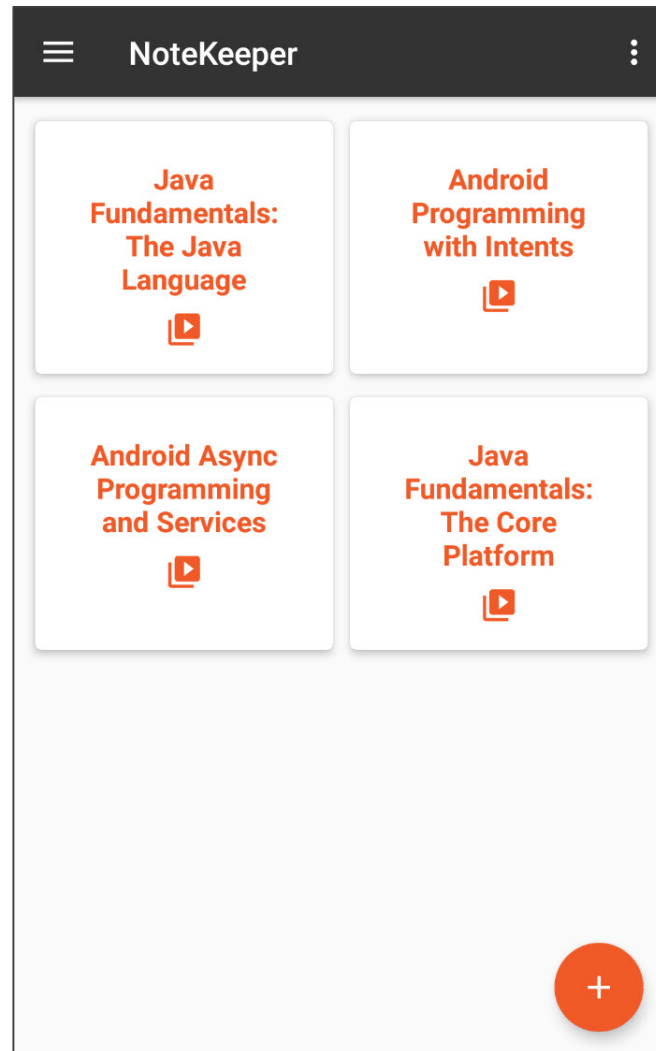
**NavigationView selection handling**

**Kotlin lazy properties**

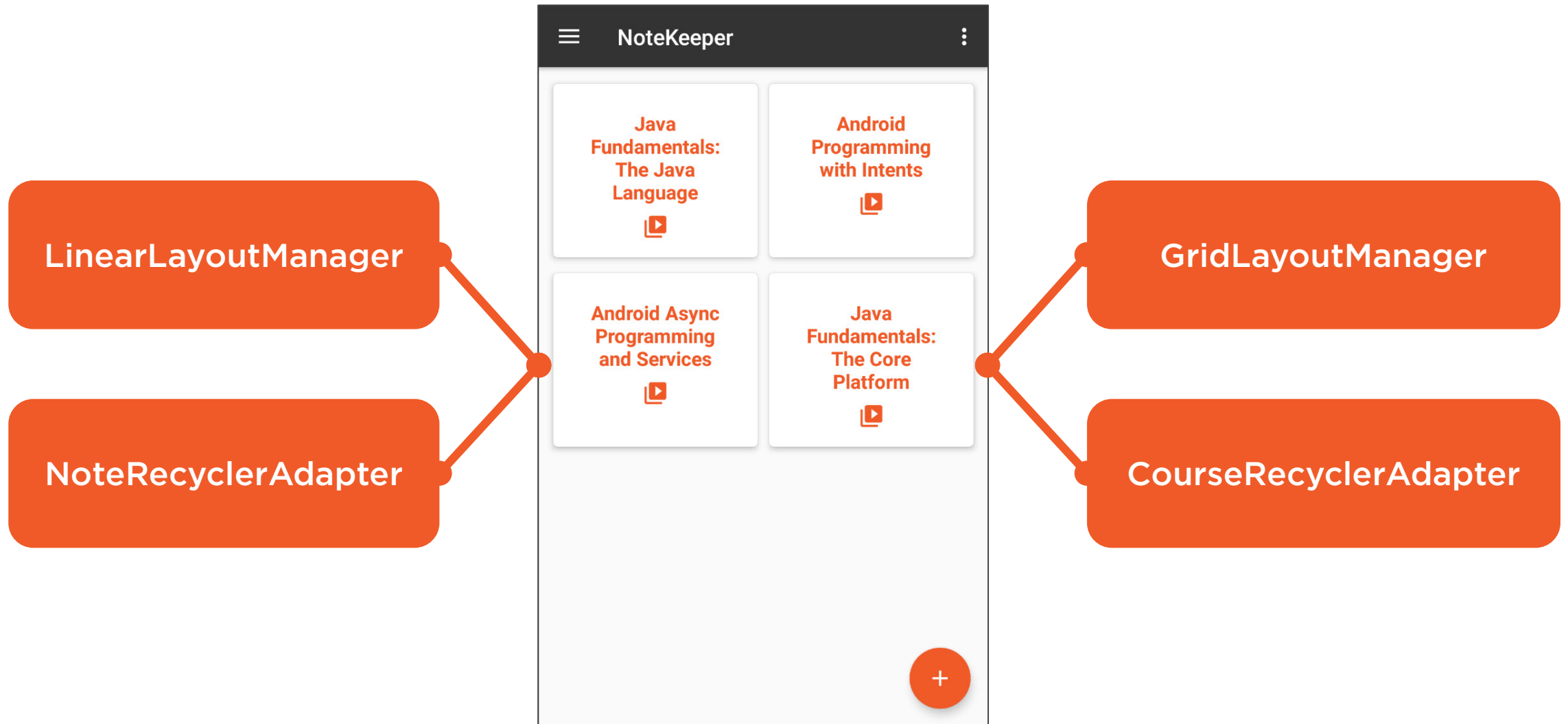
# App Overview



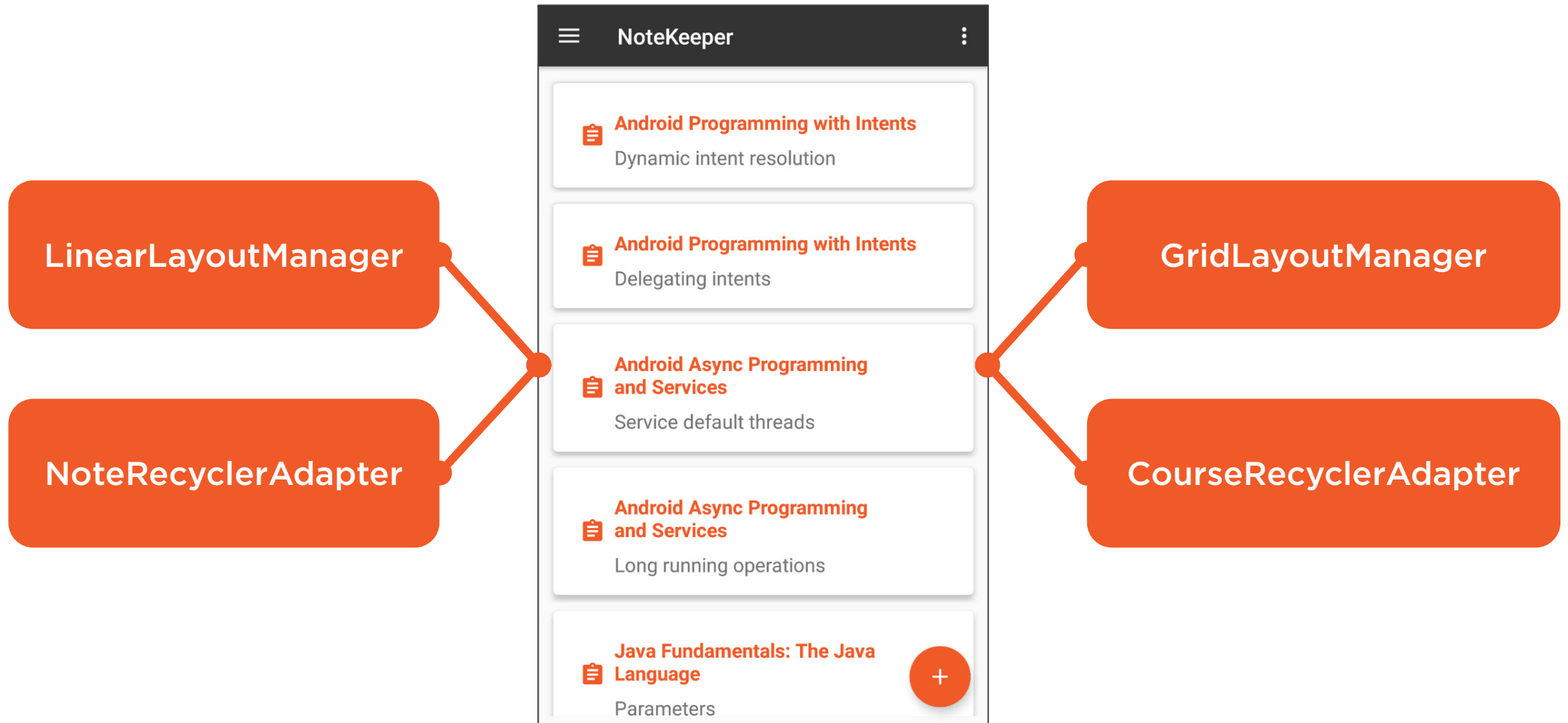
# App Overview



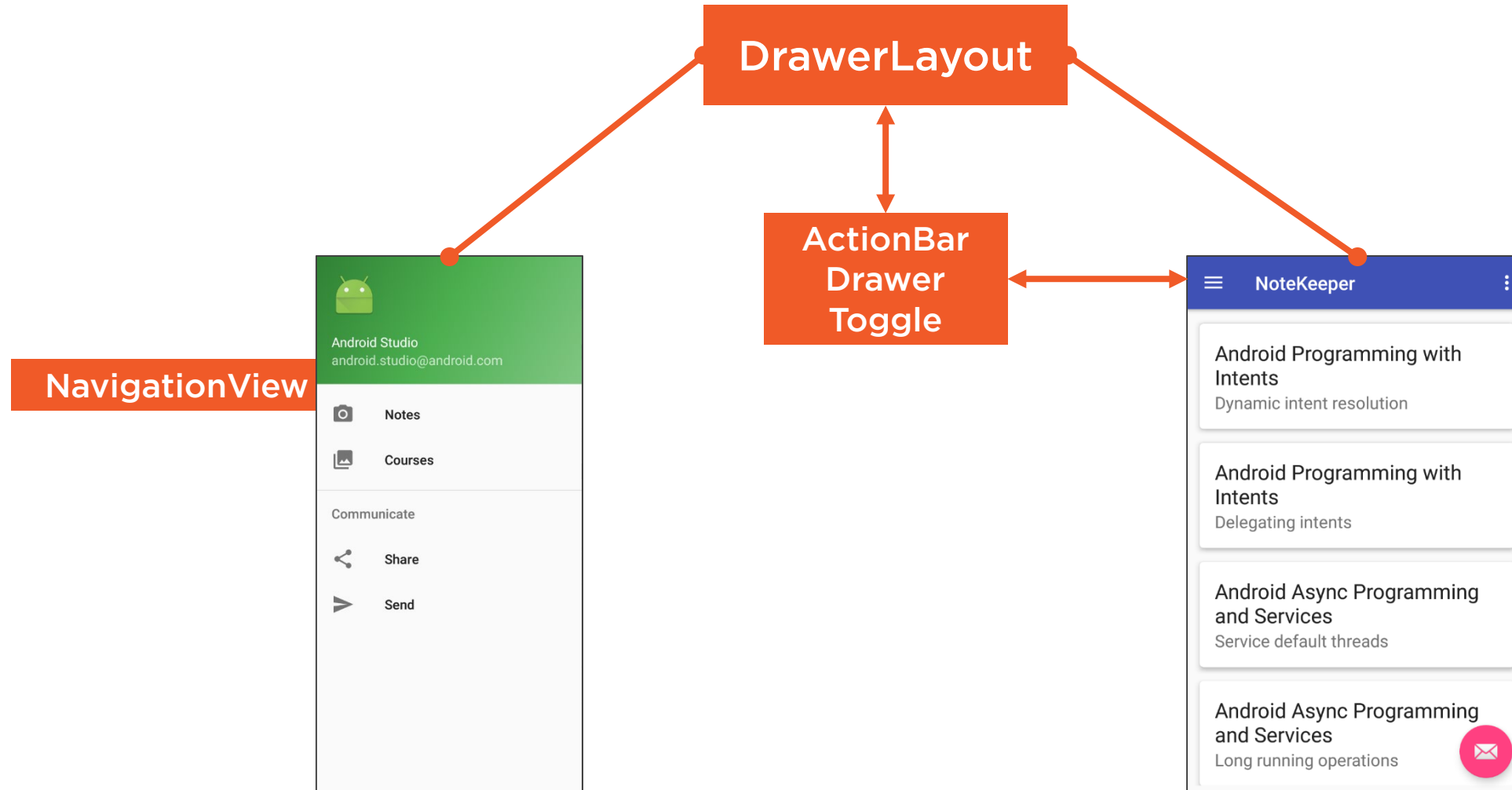
# App Overview



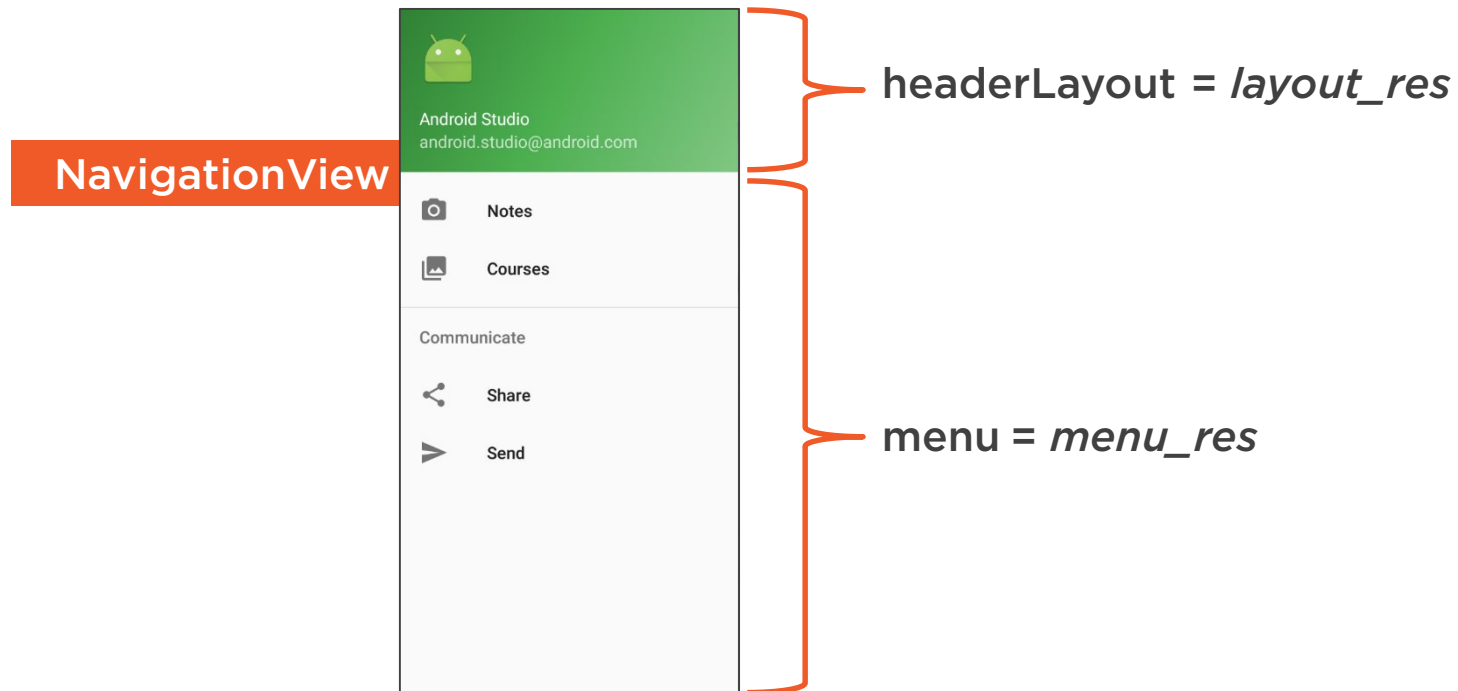
# App Overview



# Navigation Drawer NavigationView



# Navigation Drawer NavigationView





# Handling NavigationView Selections

## Need to associate a listener

- `SetNavigationItemSelectedListener`

## Listener

- Can be a lambda expression
- Can be an interface implementation

## Listener interface

- `onNavigationItemSelectedListener`
- One method `onNavigationItemSelectedListener`

## Listener receives a MenuItem reference

- Identify selection with `ItemId` property



# Summary



## NavigationView

- Serves as the navigation drawer
- Layout area
- Menu area

## Menu often divided into groupings

- Menu group used for display mode
- Menu item with sub-menu used for executing actions

# Summary



## NavigationView option handling

- Use `setNavigationItemSelectedListener`
- Listener can be a lambda expression
- Listener can be implementation of `onNavigationItemSelectedListener`

## Kotlin lazy properties

- Used with `val` properties
- Property body executed on first use
- Remembers the result for future use

