SAMSUNG

IT Академия
Kotlin

Kotlin
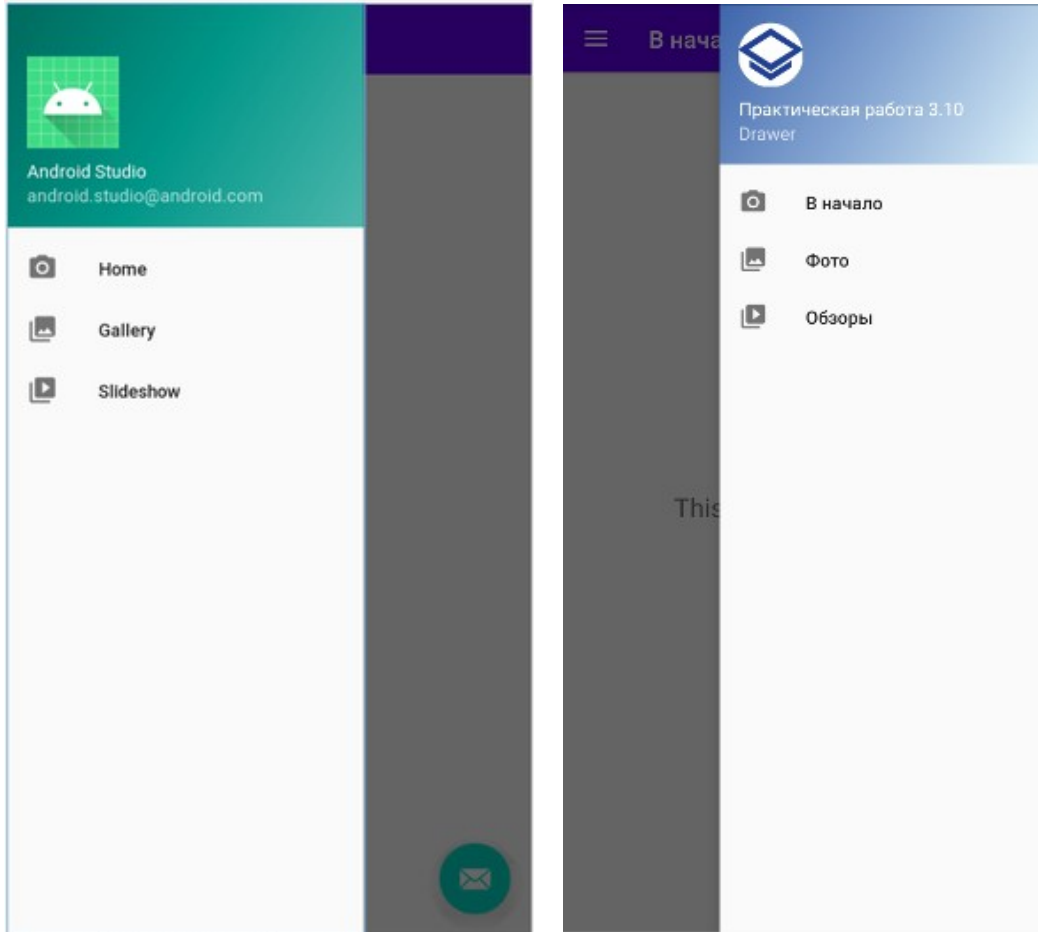# Базовый Курс

3.10. Боковое меню приложения

Дизайн панели

```xml
<androidx.drawerlayout.widget.DrawerLayout
xmlns:android="http://schemas.android.com/apk/res/android"
    xmlns:app="http://schemas.android.com/apk/res-auto"
    xmlns:tools="http://schemas.android.com/tools"
    android:id="@+id/drawer_layout"
    android:fitsSystemWindows="true"
    tools:openDrawer="start">

    <include
        layout="@layout/app_bar_main"/>

    <com.google.android.material.navigation.NavigationView
        android:id="@+id/nav_view"
        android:layout_gravity="start"
        android:fitsSystemWindows="true"
        app:headerLayout="@layout/nav_header_main"
        app:menu="@menu/activity_main_drawer" />

</androidx.drawerlayout.widget.DrawerLayout>
```

Макет верхней части шторки

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```xml
<LinearLayout xmlns:android="http://schemas.android.com/apk/res/android"
    xmlns:app="http://schemas.android.com/apk/res-auto"
    android:layout_width="match_parent"
    android:layout_height="@dimen/nav_header_height"
    android:background="@drawable/side_nav_bar"
    android:gravity="bottom"
    android:orientation="vertical"
    android:theme="@style/ThemeOverlay.AppCompat.Dark">
    <ImageView
        android:id="@+id/imageView"
        android:contentDescription="@string/nav_header_desc"
        android:paddingTop="@dimen/nav_header_vertical_spacing"
        app:srcCompat="@mipmap/ic_launcher_round" />
    <TextView
        android:paddingTop="@dimen/nav_header_vertical_spacing"
        android:text="@string/nav_header_title"
        android:textAppearance="@style/TextAppearance.AppCompat.Body1" />
    <TextView
        android:id="@+id/textView"
        android:text="@string/nav_header_subtitle" />
</LinearLayout>
```

```xml
<shape xmlns:android="http://schemas.android.com/apk/res/android"
                              android:shape="rectangle">
    <gradient
        android:angle="135"
        android:centerColor="#009688"
        android:endColor="#00695C"
        android:startColor="#4DB6AC"
        android:type="linear" />
</shape>
```

Старая модель навигации, слушатель

```kotlin
class MainActivity:AppCompatActivity(), NavigationView.
                               OnNavigationItemSelectedListener {
  fun onNavigationItemSelected(item:MenuItem):Boolean {
      val id = item.getItemId()
       /* Здесь обработка клика на первом пункте меню */
      val drawer = findViewById(R.id.drawer_layout) as DrawerLayout
      drawer.closeDrawer(GravityCompat.START)
      return true
    }
  }
```

Новая модель навигации, Navigation API

```xml
<fragment
    android:id="@+id/nav_host_fragment"
    android:name="androidx.navigation.fragment.NavHostFragment"
    android:layout_width="match_parent"
    android:layout_height="match_parent"
    app:defaultNavHost="true"
    app:layout_constraintLeft_toLeftOf="parent"
    app:layout_constraintRight_toRightOf="parent"
    app:layout_constraintTop_toTopOf="parent"
    app:navGraph="@navigation/mobile_navigation" />
```
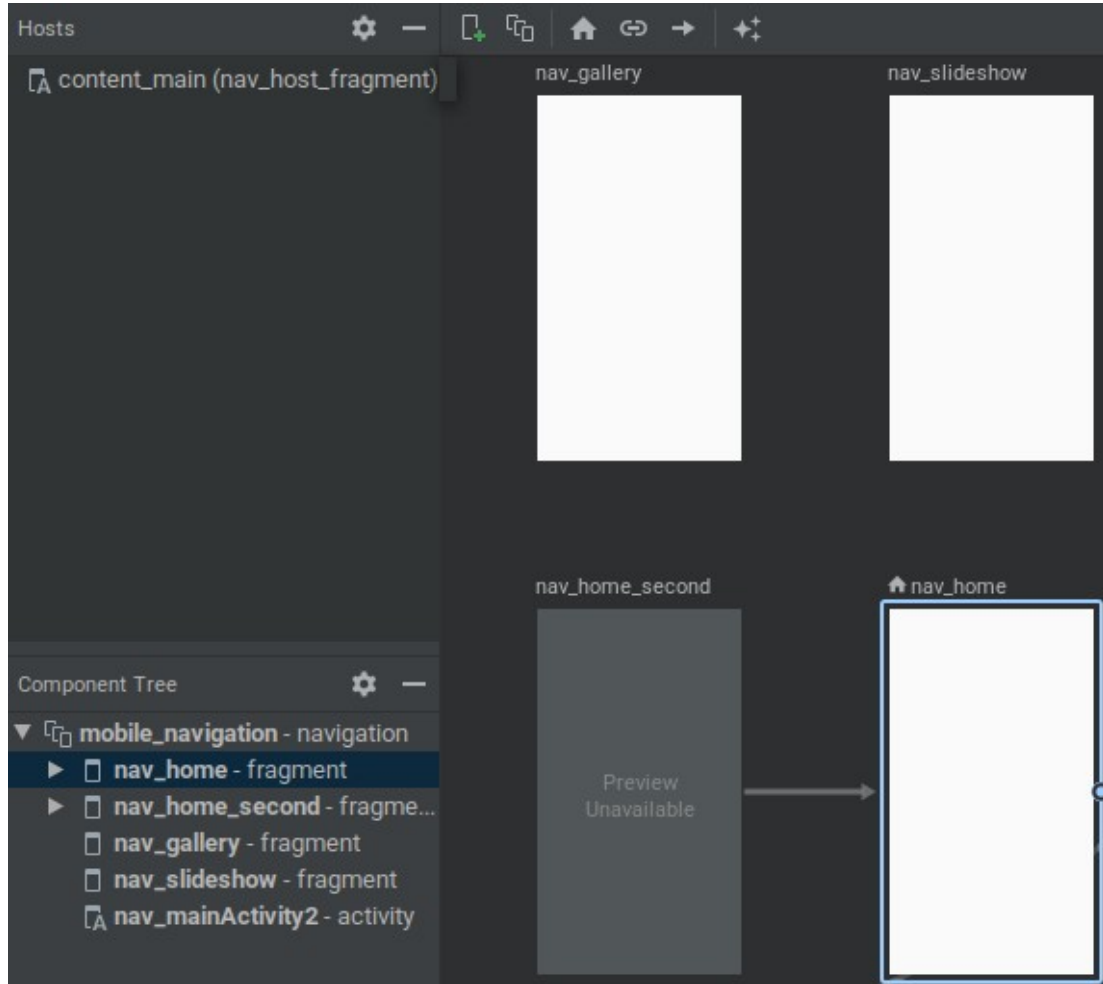
Новая модель навигации, код

```kotlin
class MainActivity : AppCompatActivity() {
    private lateinit var appBarConfiguration: AppBarConfiguration
    override fun onCreate(savedInstanceState: Bundle?) {
        super.onCreate(savedInstanceState)
        setContentView(R.layout.activity_main)
        // шторка
        val navView: NavigationView = findViewById(R.id.nav_view)
        // находим NavController
        val navController = findNavController(R.id.nav_host_fragment)
        // устанавливается NavController для шторки
        navView.setupWithNavController(navController)
    }
```

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Описание навигации


```xml
<item
android:id="@+id/nav_home"
android:icon="@drawable/ic_menu_camera"
android:title="@string/menu_home"
/>
```

Спасибо