

Android

RecyclerView



RecyclerView



```
val recyclerView: RecyclerView? = myView!!.findViewById(R.id.list)

adapter = AlbumAdapter(requireActivity()) { album ->
    navController!!.navigate(R.id.action_albumFragment_to_albumDetailheFragment,
        Bundle().also { it.putInt("id", album.id!!) })
}

recyclerView!!.layoutManager = LinearLayoutManager(myView!!.context)
recyclerView.adapter = adapter

viewModel = ViewModelProvider(requireActivity()).get(AlbumViewModel::class.java)
    .apply { this: AlbumViewModel
        | albums.observe(requireActivity(), Observer { adapter!!.submitList(it) })
    }
```

```
<androidx.recyclerview.widget.RecyclerView
    android:id="@+id/list"
    android:layout_width="match_parent"
    android:layout_height="match_parent"
    app:layout_constraintBottom_toBottomOf="parent"
    app:layout_constraintEnd_toEndOf="parent"
    app:layout_constraintStart_toStartOf="parent"
    app:layout_constraintTop_toTopOf="parent"
    tools:listitem="@layout/view_album_item" />
```

EMPREENDA
RAPIDO

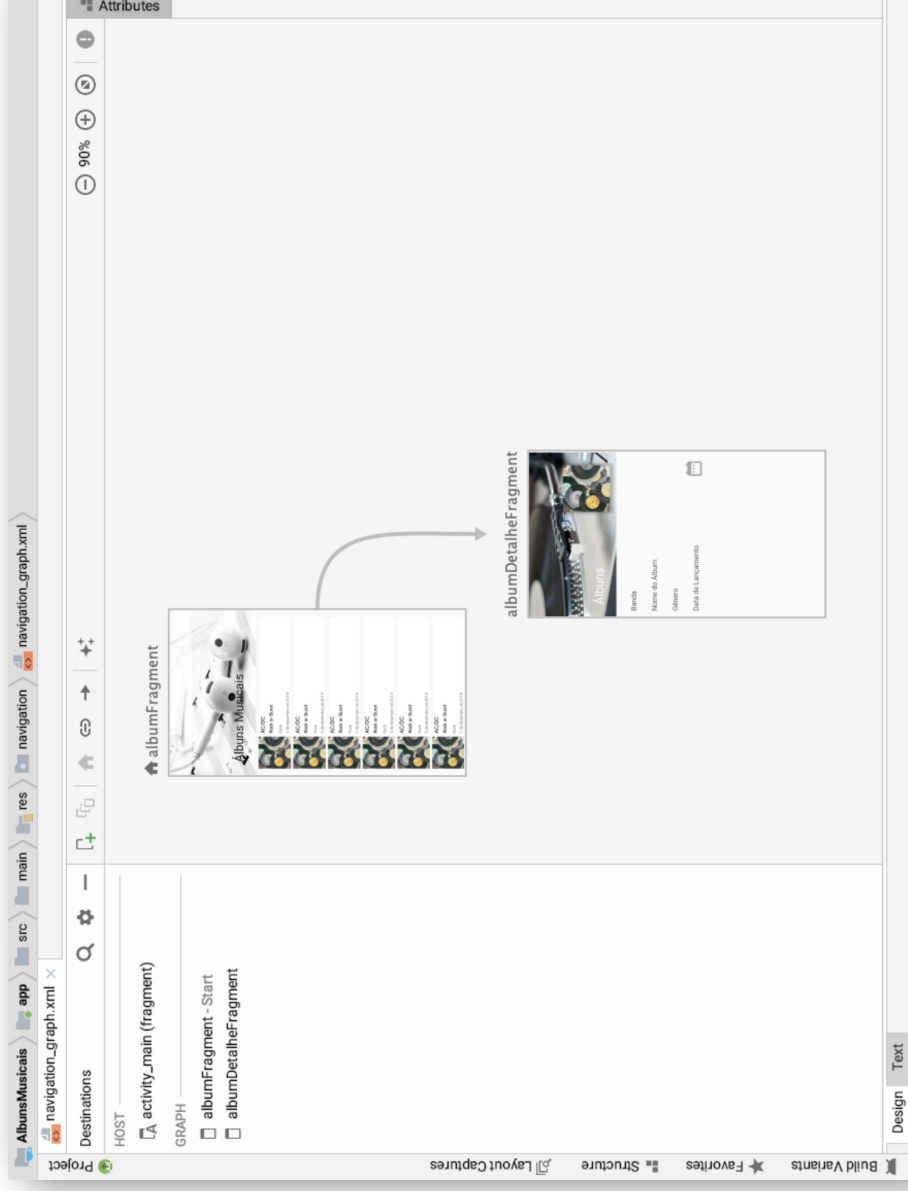
SEBRAE

SENAI

RecyclerView.Adapter

```
class AlbumAdapter(private var activity: FragmentActivity, val listener: (Album) -> Unit) :  
    ListAdapter<Album, AlbumAdapter.ViewHolder> (object : DiffUtil.ItemCallback<Album>() { ... }) {  
    private val viewModel: AlbumViewModel = ViewModelProvider(activity)  
    |         .get(AlbumViewModel::class.java)  
    var editMode: Boolean = false  
    |     set(value) { ... }  
  
    override fun onCreateViewHolder(viewGroup: ViewGroup, i: Int): ViewHolder  
    |     = ViewHolder(LayoutInflater.from(viewGroup.context)  
    |         .inflate(R.layout.view_album_item, viewGroup, attachToRoot: false))  
  
    override fun onBindViewHolder(viewHolder: ViewHolder, position: Int)  
    |     = viewHolder.bindTogetItem(position)  
  
    inner class ViewHolder(val view: View) : RecyclerView.ViewHolder(view) {  
        fun bindTo(album: Album) {  
            view.tvBanda.text = album.banda  
            view.tvAlbum.text = album.album  
            view.tvGenero.text = album.genero  
            view.tvLancamento.text = album.dataDeLancamento  
  
            view.setOnClickListener { listener(album) }  
        }  
    }  
}
```

Chamando um Fragmento



Chamando um Fragmento

```
<navigation 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/navigation_graph.xml"
    app:startDestination="@id/albumFragment"
    tools:ignore="UnusedNavigation">

    <fragment
        android:id="@+id/albumFragment"
        android:name="br.senai.sp.informatica.albummusicais.view.fragment.AlbumListFragment"
        android:label="fragment_main"
        tools:layout="@layout/fragment_main" >

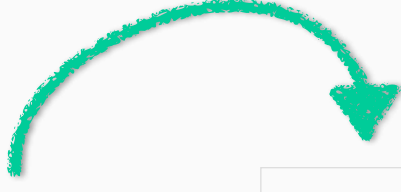
        <action
            android:id="@+id/action_albumFragment_to_albumDetailFragment"
            app:destination="@id/albumDetailFragment"
            app:enterAnim="@anim/nav_default_enter_anim"
            app:exitAnim="@anim/nav_default_exit_anim" />
        <action...>
        <action...>
    </fragment>
```



Chamando um Fragmento

SENAI-SP

```
adapter = AlbumAdapter(requireActivity()) { album ->
    | navController!!.navigate(R.id.action_albumFragment_to_albumDetailheFragment,
    | Bundle().also { it.putInt("id", album.id!!) })
    | }
}
```



```
<fragment
    android:id="@+id/albumFragment"
    android:name="br.senai.sp.informatica.albumsmusicais.view.fragment.AlbumListFragment"
    android:label="fragment_main"
    tools:layout="@layout/fragment_main" >

    <action
        android:id="@+id/action_albumFragment_to_albumDetailheFragment"
        app:destination="@id/albumDetailheFragment"
        app:enterAnim="@anim/nav_default_enter_anim"
        app:exitAnim="@anim/nav_default_exit_anim" />
    </action>
</fragment>
```

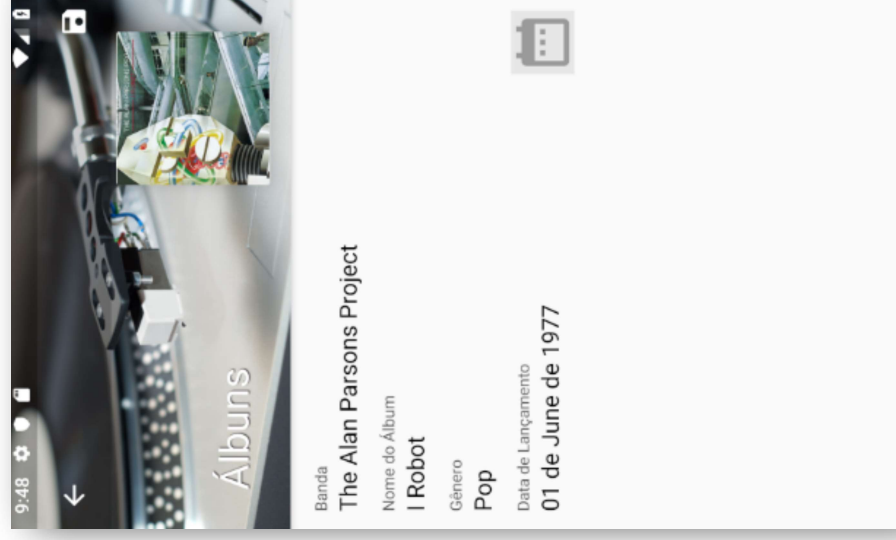
EMPREENDA
RAPIDO

SEBRAE

SENAI

Álbuns Musicais

SENAI-SP



EMPREENDA
RAPIDO

SEBRAE

SENAI