

Seminário TP - Android

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Coordinator Layout

Introdução

- Google I/O 2015 - Material Design
- Um poderoso FrameLayout
- Recursos
 - Melhorias na interface do aplicativo
 - Específicas interações com Views filhas
 - Conceitos diferentes de design

Exemplo de Funcionamento



Como funciona?

- Bibliotecas

~ Implementation 'com.github.bumptech.glide:glide:4.8.0'

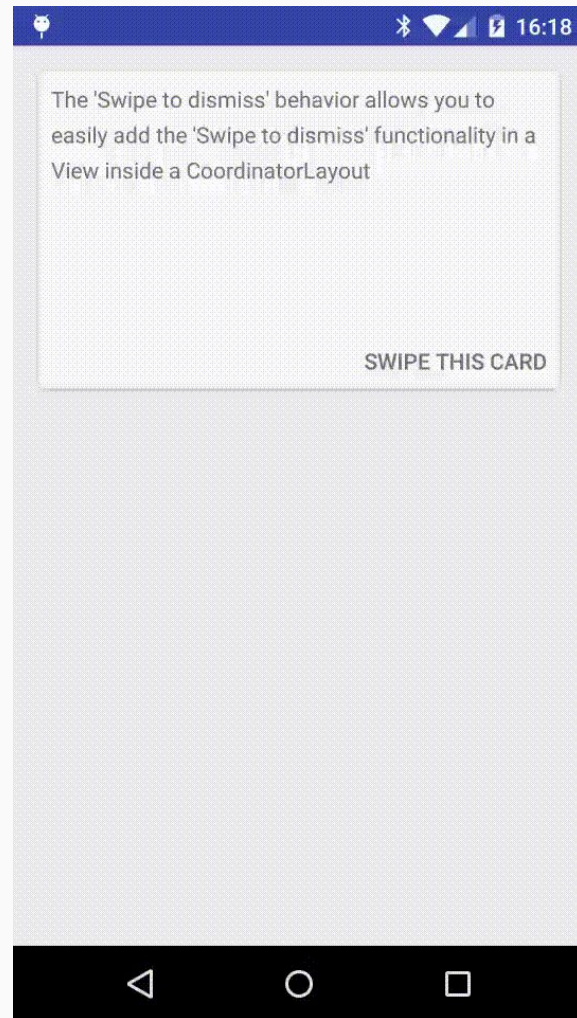
~ Implementation "com.android.support:design:\${supportLibVersion}"

```
dependencies {  
    compile 'com.github.bumptech.glide:glide:4.8.0'  
    compile 'com.android.support:design:22.2.1'  
}
```

- XML

```
<CoordinatorLayout>  
    <AppBarLayout/>  
    <scrollView/>  
    <FloatingActionButton/>  
</CoordinatorLayout>
```

E agora?



SwipeDismissBehavior

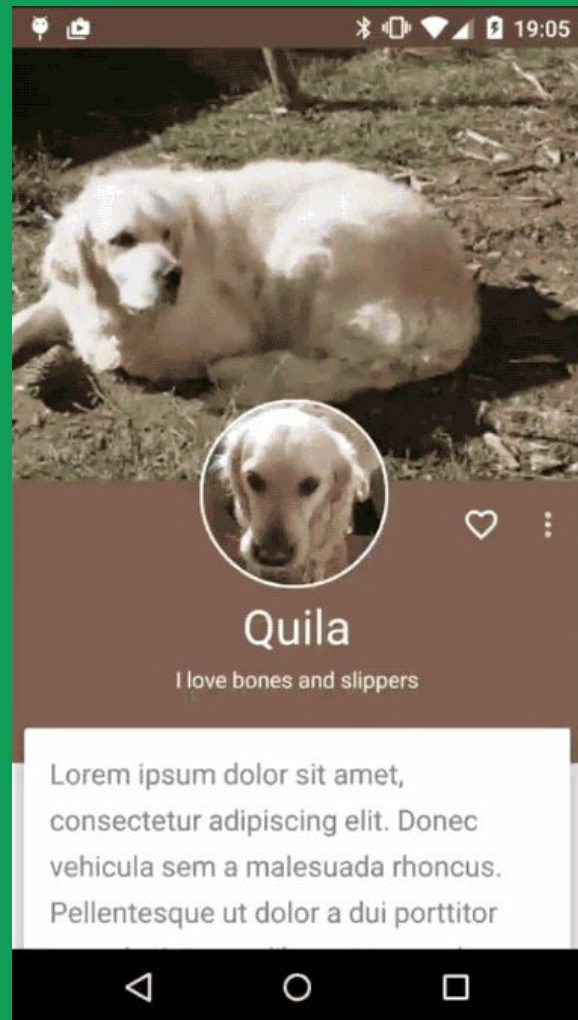
```
@Override
protected void onCreate(Bundle savedInstanceState) {
    super.onCreate(savedInstanceState);
    setContentView(R.layout.activity_main);
    textCardView = (CardView) findViewById(R.id.text_card_view);
    implementSwipeDismiss();
}

/**
 * method to implement swipe dismiss feature over card view
 */
private void implementSwipeDismiss() {
    SwipeDismissBehavior swipeDismissBehavior = new SwipeDismissBehavior();
    swipeDismissBehavior.setSwipeDirection(SwipeDismissBehavior.SWIPE_DIRECTION_ANY); //Swipe di

    CoordinatorLayout.LayoutParams layoutParams =
        (CoordinatorLayout.LayoutParams) textCardView.getLayoutParams();

    layoutParams.setBehavior(swipeDismissBehavior); //set swipe behaviour to Coordinator layout
}
```

Custom Behavior



Referências

- <https://www.androidauthority.com/using-coordinatorlayout-android-apps-703720/>
- <http://saulmm.github.io/mastering-coordinator>
- <https://developer.android.com/reference/android/support/design/widget/CoordinatorLayout>
- <https://medium.com/android-dev-br/design-support-library-c2c7aebd8cb>

Obrigado!

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