Demo46-标题栏折叠效果（震撼）

1. activity\_fruit.xml

*<?***xml version="1.0" encoding="utf-8"***?>*<**android.support.design.widget.CoordinatorLayout  
 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="match\_parent"  
 android:fitsSystemWindows="true"**>  
  
 <**android.support.design.widget.AppBarLayout  
 android:id="@+id/appBar"  
 android:layout\_width="match\_parent"  
 android:layout\_height="250dp"  
 android:fitsSystemWindows="true"**>  
  
 <**android.support.design.widget.CollapsingToolbarLayout  
 android:id="@+id/collapsing\_toolbar"  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent"  
 android:theme="@style/ThemeOverlay.AppCompat.Dark.ActionBar"  
 android:fitsSystemWindows="true"  
 app:contentScrim="?attr/colorPrimary"  
 app:layout\_scrollFlags="scroll|exitUntilCollapsed"**>  
  
 <**ImageView  
 android:id="@+id/fruit\_image\_view"  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent"  
 android:scaleType="centerCrop"  
 android:fitsSystemWindows="true"  
 app:layout\_collapseMode="parallax"** />  
  
 <**android.support.v7.widget.Toolbar  
 android:id="@+id/toolbar"  
 android:layout\_width="match\_parent"  
 android:layout\_height="?attr/actionBarSize"  
 app:layout\_collapseMode="pin"** />  
 </**android.support.design.widget.CollapsingToolbarLayout**>  
 </**android.support.design.widget.AppBarLayout**>  
  
 <**android.support.v4.widget.NestedScrollView  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent"  
 app:layout\_behavior="android.support.design.widget.AppBarLayout$ScrollingViewBehavior"**>  
  
 <**LinearLayout  
 android:orientation="vertical"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"**>  
  
 <**android.support.v7.widget.CardView  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:layout\_marginBottom="15dp"  
 android:layout\_marginLeft="15dp"  
 android:layout\_marginRight="15dp"  
 android:layout\_marginTop="35dp"  
 app:cardCornerRadius="4dp"**>  
  
 <**TextView  
 android:id="@+id/fruit\_content\_text"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:layout\_margin="10dp"** />  
 </**android.support.v7.widget.CardView**>  
 </**LinearLayout**>  
 </**android.support.v4.widget.NestedScrollView**>  
  
 <**android.support.design.widget.FloatingActionButton  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_margin="16dp"  
 android:src="@drawable/ic\_comment"  
 app:layout\_anchor="@id/appBar"  
 app:layout\_anchorGravity="bottom|end"** />  
</**android.support.design.widget.CoordinatorLayout**>

1. FruitActivity.java

**import** android.content.Intent;  
**import** android.graphics.Color;  
**import** android.support.design.widget.CollapsingToolbarLayout;  
**import** android.support.v7.app.ActionBar;  
**import** android.support.v7.app.AppCompatActivity;  
**import** android.os.Bundle;  
**import** android.support.v7.widget.Toolbar;  
**import** android.view.MenuItem;  
**import** android.widget.ImageView;  
**import** android.widget.TextView;  
**import** com.bumptech.glide.Glide;  
  
**public class** FruitActivity **extends** AppCompatActivity {  
  
 **public static final** String ***FRUIT\_NAME*** = **"fruit\_name"**;  
  
 **public static final** String ***FRUIT\_IMAGE\_ID*** = **"fruit\_image\_id"**;  
  
 @Override  
 **protected void** onCreate(Bundle savedInstanceState) {  
 **super**.onCreate(savedInstanceState);  
 setContentView(R.layout.***activity\_fruit***);  
 Intent intent = getIntent();  
 String fruitName = intent.getStringExtra(***FRUIT\_NAME***);  
 **int** fruitImageId = intent.getIntExtra(***FRUIT\_IMAGE\_ID***, 0);  
 Toolbar toolbar = (Toolbar) findViewById(R.id.***toolbar***);  
 CollapsingToolbarLayout collapsingToolbar = (CollapsingToolbarLayout) findViewById(R.id.***collapsing\_toolbar***);  
 ImageView fruitImageView = (ImageView) findViewById(R.id.***fruit\_image\_view***);  
 TextView fruitContentText = (TextView) findViewById(R.id.***fruit\_content\_text***);  
 setSupportActionBar(toolbar);  
 ActionBar actionBar = getSupportActionBar();  
 **if** (actionBar != **null**) {  
 actionBar.setDisplayHomeAsUpEnabled(**true**);  
 }  
 collapsingToolbar.setTitle(fruitName);  
 Glide.*with*(**this**).load(fruitImageId).into(fruitImageView);  
 String fruitContent = generateFruitContent(fruitName);  
 fruitContentText.setText(fruitContent);  
 }  
  
 **private** String generateFruitContent(String fruitName) {  
 StringBuilder fruitContent = **new** StringBuilder();  
 **for** (**int** i = 0; i < 500; i++) {  
 fruitContent.append(fruitName);  
 }  
 **return** fruitContent.toString();  
 }  
  
 @Override  
 **public boolean** onOptionsItemSelected(MenuItem item) {  
 **switch** (item.getItemId()) {  
 **case** android.R.id.***home***:  
 finish();  
 **return true**;  
 }  
 **return super**.onOptionsItemSelected(item);  
 }  
}

1. FruitAdapter.java

**import** android.content.Context;  
**import** android.content.Intent;  
**import** android.support.v7.widget.CardView;  
**import** android.support.v7.widget.RecyclerView;  
**import** android.view.LayoutInflater;  
**import** android.view.View;  
**import** android.view.ViewGroup;  
**import** android.widget.ImageView;  
**import** android.widget.TextView;  
**import** com.bumptech.glide.Glide;  
**import** java.util.List;  
  
**public class** FruitAdapter **extends** RecyclerView.Adapter<FruitAdapter.ViewHolder>{  
  
 **private static final** String ***TAG*** = **"FruitAdapter"**;  
  
 **private** Context **mContext**;  
  
 **private** List<Fruit> **mFruitList**;  
  
 **static class** ViewHolder **extends** RecyclerView.ViewHolder {  
 CardView **cardView**;  
 ImageView **fruitImage**;  
 TextView **fruitName**;  
  
 **public** ViewHolder(View view) {  
 **super**(view);  
 **cardView** = (CardView) view;  
 **fruitImage** = (ImageView) view.findViewById(R.id.***fruit\_image***);  
 **fruitName** = (TextView) view.findViewById(R.id.***fruit\_name***);  
 }  
 }  
  
 **public** FruitAdapter(List<Fruit> fruitList) {  
 **mFruitList** = fruitList;  
 }  
  
 @Override  
 **public** ViewHolder onCreateViewHolder(ViewGroup parent, **int** viewType) {  
 **if** (**mContext** == **null**) {  
 **mContext** = parent.getContext();  
 }  
 View view = LayoutInflater.*from*(**mContext**).inflate(R.layout.***fruit\_item***, parent, **false**);  
 **final** ViewHolder holder = **new** ViewHolder(view);  
 holder.**cardView**.setOnClickListener(**new** View.OnClickListener() {  
 @Override  
 **public void** onClick(View v) {  
 **int** position = holder.getAdapterPosition();  
 Fruit fruit = **mFruitList**.get(position);  
 Intent intent = **new** Intent(**mContext**, FruitActivity.**class**);  
 intent.putExtra(FruitActivity.***FRUIT\_NAME***, fruit.getName());  
 intent.putExtra(FruitActivity.***FRUIT\_IMAGE\_ID***, fruit.getImageId());  
 **mContext**.startActivity(intent);  
 }  
 });  
 **return** holder;  
 }  
  
 @Override  
 **public void** onBindViewHolder(ViewHolder holder, **int** position) {  
 Fruit fruit = **mFruitList**.get(position);  
 holder.**fruitName**.setText(fruit.getName());  
 Glide.*with*(**mContext**).load(fruit.getImageId()).into(holder.**fruitImage**);  
 }  
  
 @Override  
 **public int** getItemCount() {  
 **return mFruitList**.size();  
 }  
  
}