1. 在activity\_main.xml添加fragmentLayout

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| *<?***xml version="1.0" encoding="utf-8"***?>* <**LinearLayout 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:layout\_width="match\_parent"  android:layout\_height="match\_parent"  android:orientation="vertical"  tools:context=".activities.MainActivity"**> <**FrameLayout  android:layout\_width="match\_parent"  android:layout\_height="0dp"  android:layout\_weight="1"  android:id="@+id/main\_fl2"** > </**FrameLayout**> </**LinearLayout**> |

1. 给主页面添加导航栏

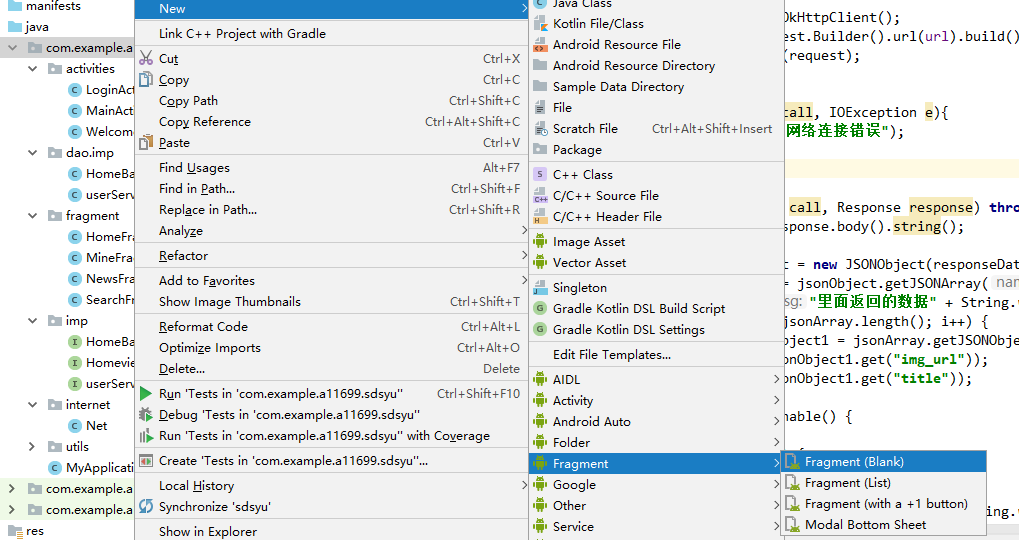


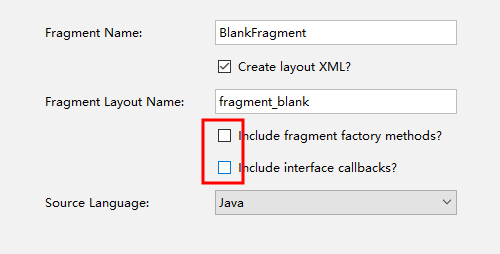
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| *<?***xml version="1.0" encoding="utf-8"***?>* <**LinearLayout xmlns:android="http://schemas.android.com/apk/res/android"  android:layout\_width="match\_parent"  android:layout\_height="50dp"  android:background="#ffff"  android:orientation="horizontal"** >  <**LinearLayout  android:id="@+id/tab\_home\_ll"  android:layout\_width="0dp"  android:layout\_height="fill\_parent"  android:layout\_weight="1"  android:gravity="center"  android:orientation="vertical"** >   <**ImageButton  android:id="@+id/tab\_home\_ib"  android:layout\_width="23dp"  android:layout\_height="35dp"  android:background="#00000000"  android:scaleType="centerInside"  android:clickable="false"  android:src="@drawable/home\_press"** />   <**TextView  android:id="@+id/tab\_home\_tv"  android:layout\_width="wrap\_content"  android:layout\_height="wrap\_content"  android:textSize="12sp"  android:text="首页"  android:textColor="#FF4081"**/>  </**LinearLayout**>   <**LinearLayout  android:id="@+id/tab\_news\_ll"  android:layout\_width="0dp"  android:layout\_height="fill\_parent"  android:layout\_weight="1"  android:gravity="center"  android:orientation="vertical"** >   <**ImageButton  android:id="@+id/tab\_news\_ib"  android:layout\_width="25dp"  android:layout\_height="35dp"  android:background="#00000000"  android:scaleType="centerInside"  android:clickable="false"  android:src="@drawable/news\_normal"** />   <**TextView  android:id="@+id/tab\_news\_tv"  android:layout\_width="wrap\_content"  android:layout\_height="wrap\_content"  android:text="资讯"  android:textSize="12sp"  android:textColor="#272727"** />  </**LinearLayout**>  <**LinearLayout  android:id="@+id/tab\_search\_ll"  android:layout\_width="0dp"  android:layout\_height="fill\_parent"  android:layout\_weight="1"  android:gravity="center"  android:orientation="vertical"** >   <**ImageButton  android:id="@+id/tab\_search\_ib"  android:layout\_width="25dp"  android:layout\_height="35dp"  android:background="#00000000"  android:scaleType="centerInside"  android:clickable="false"  android:src="@drawable/search\_normal"** />   <**TextView  android:id="@+id/tab\_search\_tv"  android:layout\_width="wrap\_content"  android:layout\_height="wrap\_content"  android:text="搜索"  android:textSize="12sp"  android:textColor="#272727"** />  </**LinearLayout**>   <**LinearLayout  android:id="@+id/tab\_mine\_ll"  android:layout\_width="0dp"  android:layout\_height="fill\_parent"  android:layout\_weight="1"  android:gravity="center"  android:orientation="vertical"**>   <**ImageButton  android:id="@+id/tab\_mine\_ib"  android:layout\_width="25dp"  android:layout\_height="35dp"  android:background="#00000000"  android:clickable="false"  android:scaleType="centerInside"  android:src="@drawable/mine\_normal"** />  <**TextView  android:id="@+id/tab\_mine\_tv"  android:layout\_width="wrap\_content"  android:layout\_height="wrap\_content"  android:text="我的"  android:textColor="#272727"  android:textSize="12sp"** />  </**LinearLayout**> </**LinearLayout**> |

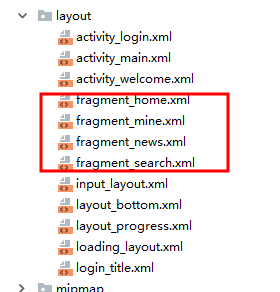
然后在activity\_main.xml添加这个布局

<**include layout="@layout/layout\_bottom"**></**include**>

1. 新建四个Fragment（HomeFragment MineFragment NewsFragment SearchFragment）







1. 先进行测试，让主页面能够显示不同每个Fragment

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| 1. 在(MainActivity.java)定义四个Fragment   **private** HomeFragment **homeFragment**; **private** MineFragment **mineFragment**; **private** NewsFragment **newsFragment**; **private** SearchFragment **searchFragment**;   1. 给按钮图片 文字添加链接   @BindView(R.id.tab\_home\_ll)LinearLayout tab\_home\_ll; @BindView(R.id.tab\_news\_ll)LinearLayout tab\_news\_ll; @BindView(R.id.tab\_search\_ll)LinearLayout tab\_search\_ll; @BindView(R.id.tab\_mine\_ll)LinearLayout tab\_mine\_ll; //4个底部栏按键图片 @BindView(R.id.tab\_home\_ib) ImageButton tab\_home\_ib; @BindView(R.id.tab\_news\_ib) ImageButton tab\_news\_ib; @BindView(R.id.tab\_search\_ib) ImageButton tab\_search\_ib; @BindView(R.id.tab\_mine\_ib) ImageButton tab\_mine\_ib;  //4个底部栏项目文字 @BindView(R.id.tab\_home\_tv) TextView tab\_home\_tv; @BindView(R.id.tab\_news\_tv) TextView tab\_news\_tv; @BindView(R.id.tab\_search\_tv) TextView tab\_search\_tv; @BindView(R.id.tab\_mine\_tv) TextView tab\_mine\_tv;  /\*  这里用到了@BindView需要导入架包  *// @BindView框架 控件注入框架，* implementation **'com.jakewharton:butterknife:8.8.1'** implementation **'com.jakewharton:butterknife-compiler:8.8.1'**  \*/  然后在onCreate方法里写入ButterKnife.bind(this);   1. 给每个控件添加点击事件   **private void** initEvent(){  **tab\_home\_ll**.setOnClickListener(**this**);  **tab\_mine\_ll**.setOnClickListener(**this**);  **tab\_news\_ll**.setOnClickListener(**this**);  **tab\_search\_ll**.setOnClickListener(**this**); }   1. 重载onClick方法   @Override **public void** onClick(View view) {  }   1. 重置图标样式   *//重置图片效果* **private void** resetImgs() {  *//重置icon图标* **tab\_home\_ib**.setImageResource(R.drawable.***home\_normal***);  **tab\_news\_ib**.setImageResource(R.drawable.***news\_normal***);  **tab\_search\_ib**.setImageResource(R.drawable.***search\_normal***);  **tab\_mine\_ib**.setImageResource(R.drawable.***mine\_normal***);  *//重置文字颜色* **tab\_home\_tv**.setTextColor(Color.*parseColor*(**"#272727"**));  **tab\_news\_tv**.setTextColor(Color.*parseColor*(**"#272727"**));  **tab\_search\_tv**.setTextColor(Color.*parseColor*(**"#272727"**));  **tab\_mine\_tv**.setTextColor(Color.*parseColor*(**"#272727"**)); }  这个方法在onClick开始位置里面调用   1. 书写onClick方法   @Override **public void** onClick(View view) {  resetImgs();  **switch** (view.getId()){  **case** R.id.***tab\_home\_ll***:  **tab\_home\_ib**.setImageResource(R.drawable.***home\_press***);  startShakeByPropertyAnim(**tab\_home\_ib**, 0.9f, 1.2f, 10f, 400);  **tab\_home\_tv**.setTextColor(Color.*parseColor*(**"#FF4081"**));  setSelect(0);  **break**;  **case** R.id.***tab\_news\_ll***:  **tab\_news\_ib**.setImageResource(R.drawable.***news\_press***);  startShakeByPropertyAnim(**tab\_news\_ib**, 0.9f, 1.2f, 10f, 400);  **tab\_news\_tv**.setTextColor(Color.*parseColor*(**"#FF4081"**));  setSelect(1);**break**;  **case** R.id.***tab\_search\_ll***:  **tab\_search\_ib**.setImageResource(R.drawable.***search\_press***);  startShakeByPropertyAnim(**tab\_search\_ib**, 0.9f, 1.2f, 10f, 400);  **tab\_search\_tv**.setTextColor(Color.*parseColor*(**"#FF4081"**));  setSelect(2);**break**;  **case** R.id.***tab\_mine\_ll***:  **tab\_mine\_ib**.setImageResource(R.drawable.***mine\_press***);  startShakeByPropertyAnim( **tab\_mine\_ib**, 0.9f, 1.2f, 10f, 400);  **tab\_mine\_tv**.setTextColor(Color.*parseColor*(**"#FF4081"**));  setSelect(3);**break**;  **default**:**break**;  } }  给图标添加点击效果  **private void** startShakeByPropertyAnim(View view, **float** scaleSmall, **float** scaleLarge, **float** shakeDegrees, **long** duration) {  **if** (view == **null**) {  **return**;  }  *//****TODO 验证参数的有效性*** *//先变小后变大* PropertyValuesHolder scaleXValuesHolder = PropertyValuesHolder.*ofKeyframe*(View.***SCALE\_X***,  Keyframe.*ofFloat*(0f, 1.0f),  Keyframe.*ofFloat*(0.25f, scaleSmall),  Keyframe.*ofFloat*(0.5f, scaleLarge),  Keyframe.*ofFloat*(0.75f, scaleLarge),  Keyframe.*ofFloat*(1.0f, 1.0f)  );  PropertyValuesHolder scaleYValuesHolder = PropertyValuesHolder.*ofKeyframe*(View.***SCALE\_Y***,  Keyframe.*ofFloat*(0f, 1.0f),  Keyframe.*ofFloat*(0.25f, scaleSmall),  Keyframe.*ofFloat*(0.5f, scaleLarge),  Keyframe.*ofFloat*(0.75f, scaleLarge),  Keyframe.*ofFloat*(1.0f, 1.0f)  );   *//先往左再往右* PropertyValuesHolder rotateValuesHolder = PropertyValuesHolder.*ofKeyframe*(View.***ROTATION***,  Keyframe.*ofFloat*(0f, 0f),  Keyframe.*ofFloat*(0.3f, -shakeDegrees),  Keyframe.*ofFloat*(0.6f, shakeDegrees),  Keyframe.*ofFloat*(0.9f, -shakeDegrees),  Keyframe.*ofFloat*(1.0f, 0f)  );   ObjectAnimator objectAnimator = ObjectAnimator.*ofPropertyValuesHolder*(view, scaleXValuesHolder, scaleYValuesHolder, rotateValuesHolder);  objectAnimator.setDuration(duration);  objectAnimator.start(); }   1. 将不同的fragment添加到页面上   private void setSelect(int i){  FragmentManager fm=getSupportFragmentManager();////获取到Fragmentmanager  FragmentTransaction tf=fm.beginTransaction();//调用beginTransaction方法开启h  //隐藏所有fragment 不然的话，所有的会叠加在一起  hidenFragment(tf);  switch (i){  case 0:  if (homeFragment == null) {  homeFragment = new HomeFragment();  tf.add(R.id.main\_fl2, homeFragment);  } else {  tf.show(homeFragment);  }  //mImmersionBar.statusBarColor("#00A7FF").fitsSystemWindows(true).init();  break;  case 1:  if (newsFragment == null) {  newsFragment = new NewsFragment();  tf.add(R.id.main\_fl2, newsFragment);  } else {  tf.show(newsFragment);  }  // mImmersionBar.statusBarColor("#00A7FF").fitsSystemWindows(true).init();  break;  case 2:  if (searchFragment == null) {  searchFragment = new SearchFragment();  tf.add(R.id.main\_fl2, searchFragment);  } else {  tf.show(searchFragment);  }  // mImmersionBar.statusBarColor("#00A7FF").fitsSystemWindows(true).init();  break;  case 3:  if (mineFragment == null) {  mineFragment = new MineFragment();  tf.add(R.id.main\_fl2, mineFragment);  } else {  tf.show(mineFragment);  // mineFragment.mineModel.getUser();//重新加载用户数据  }  // mImmersionBar.statusBarColor("#4AC0F4").fitsSystemWindows(true).init();  break; } tf.commit();  }  */*/隐藏所有Fragment private void hidenFragment(FragmentTransaction tf) {  if (homeFragment != null)  {  tf.hide(homeFragment);  }  if (newsFragment != null)  {  tf.hide(newsFragment);  }  if (searchFragment != null)  {  tf.hide(searchFragment);  }  if (mineFragment != null)  {  tf.hide(mineFragment);  } }   1. finish |