## 用过TabLayout ViewPage实现导航栏

1. 在使用TabLayout ViewPage的时候要导入外部依赖

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| implementation **'com.android.support:design:28.0.0'** |

1. 布局样式

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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=".study.StudyNews"**> <**android.support.design.widget.TabLayout  android:layout\_width="match\_parent"  android:layout\_height="40dp"  android:id="@+id/tab\_layout"  app:tabSelectedTextColor="#FFffff"  android:background="#00A7FF"  app:tabIndicatorColor="#FF4081"** ></**android.support.design.widget.TabLayout**>  <**android.support.v4.view.ViewPager  android:layout\_width="match\_parent"  android:layout\_height="match\_parent"  android:id="@+id/view\_page"** ></**android.support.v4.view.ViewPager**> </**LinearLayout**> |

1. 绑定控件，添加数据

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| *//声明viewpage 和tablayout* **private** ViewPager **view\_page**; **private** TabLayout **tab\_layout**; **private** List<String> **tab\_layoutTitle**;*//tab\_layout的数据* **private** List<View> **view\_pageInfor**;*//view\_page的数据* View **view\_title**; View **view\_Infor**;  **protected void** onCreate(Bundle savedInstanceState) {  **super**.onCreate(savedInstanceState);  setContentView(R.layout.***activity\_study\_news***);  initView();*//绑定数据* initData();*//初始化数据* }  **private void** initView() {  **view\_page**=findViewById(R.id.***view\_page***);  **tab\_layout**=findViewById(R.id.***tab\_layout***);  **view\_title**=LayoutInflater.*from*(StudyNews.**this**).inflate(R.layout.***news\_announce***,**null**); **view\_Infor**=LayoutInflater.*from*(StudyNews.**this**).inflate(R.layout.***view\_news***,**null**);  }  **private void** initData() {  *//给tab添加信息* **tab\_layoutTitle** = **new** ArrayList<>();  **tab\_layoutTitle**.add(**"公告"**);  **tab\_layoutTitle**.add(**"活动"**);  **tab\_layout**.setTabMode(TabLayout.***MODE\_FIXED***);  **tab\_layout**.addTab(**tab\_layout**.newTab().setText(**tab\_layoutTitle**.get(0)));  **tab\_layout**.addTab(**tab\_layout**.newTab().setText(**tab\_layoutTitle**.get(1)));  *//给viewpage添加数据* **view\_pageInfor**=**new** ArrayList<>();  **view\_pageInfor**.add(**view\_Infor**);  **view\_pageInfor**.add(**view\_title**);  *//添加viewPage的适配器* MyPagerAdapter myPagerAdapter=**new** MyPagerAdapter(**view\_pageInfor**,**tab\_layoutTitle**);  **view\_page**.setAdapter(myPagerAdapter);  *//将viewpage于tablayout建立联系* **tab\_layout**.setupWithViewPager(**view\_page**); }  新建MyPagerAdapter适配器  **package** com.example.a11699.sdsyu.Adapter; **public class** MyPagerAdapter **extends** PagerAdapter {  **private** List<View> **viewList**;  **private** List<String> **titleList**;  **public** MyPagerAdapter(List<View> viewList, List<String> titleList){  **this**.**viewList**=viewList;  **this**.**titleList**=titleList;  }  @Override  **public int** getCount() {  **return viewList**.size();  }  @Override  **public boolean** isViewFromObject(@NonNull View view, @NonNull Object o) {  **return** view==o;  }  *//实例化一个页卡* @Override  **public** Object instantiateItem(ViewGroup container, **int** position) {  container.addView(**viewList**.get(position));*//添加页卡* **return viewList**.get(position);  }  *//销毁一个也卡* @Override  **public void** destroyItem(ViewGroup container, **int** position, Object object) {  container.removeView(**viewList**.get(position));*//删除页卡* }  *//ViewPager与TabLayout绑定后，这里获取到PageTitle就是Tab的Text* @Override  **public** CharSequence getPageTitle(**int** position) {  **return titleList**.get(position);*//页卡标题* } } |

1. 效果：

