

Evan

Only let oneself become strong enough, good enough, can afford the life that you want to.

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订阅

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Fragment+ViewPager实现仿微信点击和滑动切换界面

标签： android fragment viewpager

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分类： 移动开发 (38)

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这是在我写的新闻App中实现的界面切换

贴出切换界面的主要代码：

xml代码：

[html]

```
01. <span style="font-size:14px;"> <android.support.v4.view.ViewPager
02.     android:id="@+id/viewpager"
03.     android:layout_width="wrap_content"
04.     android:layout_height="0dp"
05.     android:layout_weight="8"
06.     android:flipInterval="30"
07.     android:persistentDrawingCache="animation" /> </span>
```

Activity类代码：

[java]

```
01. <span style="font-size:14px;">public class MainActivity extends FragmentActivity implements OnClickListener{
02.     private Button bottom_button_one = null;
03.     private Button bottom_button_two = null;
04.     private Button bottom_button_three = null;
05.     private Button top_break = null;
06.     private Button top_menu = null;
07.     private Button menu_home = null;
08.     private Button menu_refresh = null;
09.     private Button menu_search = null;
10.     private LinearLayout bottom_back = null;
11.     private XinwenFragment xinwen = null;
12.     private TupianFragment tupian = null;
13.     private ShipinFragment shipin = null;
14.     private LayoutInflater inflater = null;
15.     private View view =null;
16.     private PopupWindow pop = null;
17.     //构造适配器
18.     private List<Fragment> fragments = null;
19.     //设定适配器
20.     private ViewPager vp = null;
21.     private FragmentManager fm = null;
22.     private FragmentAdapter adapter = null;
23.     @SuppressWarnings("InflateParams")
24.     @SuppressWarnings("deprecation")
25.     @Override
26.     protected void onCreate(Bundle savedInstanceState) {
```

```

27.         super.onCreate(savedInstanceState);
28.         //让进度条显示在标题栏上
29.         requestWindowFeature(Window.FEATURE_PROGRESS);
30.         setContentView(R.layout.activity_main);
31.
32.         xinwen = new XinwenFragment();
33.         tupian = new TupianFragment();
34.         shipin = new ShipinFragment();
35.         fragments = new ArrayList<Fragment>();
36.         fragments.add(xinwen);
37.         fragments.add(tupian);
38.         fragments.add(shipin);
39.
40.         fm = this.getSupportFragmentManager();
41.         adapter = new FragmentAdapter(fm, fragments);
42.         vp = (ViewPager) findViewById(R.id.viewpager);
43.         vp.setAdapter(adapter);
44.
45.         bottom_button_one = (Button) findViewById(R.id.bottom_button_one);
46.         bottom_button_two = (Button) findViewById(R.id.bottom_button_two);
47.         bottom_button_three = (Button) findViewById(R.id.bottom_button_three);
48.         top_break = (Button) findViewById(R.id.top_break);
49.         top_menu = (Button) findViewById(R.id.top_menu);
50.
51.         bottom_back = (LinearLayout) findViewById(R.id.bottom_back);
52.         bottom_button_one.setOnClickListener(this);
53.         bottom_button_two.setOnClickListener(this);
54.         bottom_button_three.setOnClickListener(this);
55.         top_break.setOnClickListener(this);
56.         top_menu.setOnClickListener(this);
57.
58.         inflater = LayoutInflater.from(this);
59.         //引入窗口配置文件
60.         view = inflater.inflate(R.layout.menu_layout, null);
61.         menu_home = (Button) view.findViewById(R.id.menu_home);
62.         menu_refresh = (Button) view.findViewById(R.id.menu_refresh);
63.         menu_search = (Button) view.findViewById(R.id.menu_search);
64.         menu_home.setOnClickListener(this);
65.         menu_refresh.setOnClickListener(this);
66.         menu_search.setOnClickListener(this);
67.         //创建PopupWindow对象
68.         pop = new PopupWindow(view, LayoutParams.WRAP_CONTENT,
69.             LayoutParams.WRAP_CONTENT, false);
70.         //需要设置一下此参数, 点击外边可消息
71.         pop.setBackgroundDrawable(new BitmapDrawable());
72.         //设置点击窗口外边窗口消失
73.         pop.setFocusable(true);
74.
75.         //设置默认的Fragment
76.         setDefaultFragment();
77.     }
78.     @Override
79.     public boolean onCreateOptionsMenu(Menu menu) {
80.         getMenuInflater().inflate(R.menu.main, menu);
81.         return true;
82.     }
83.     @Override
84.     public boolean onOptionsItemSelected(MenuItem item) {
85.         return super.onOptionsItemSelected(item);
86.     }
87.
88.     private void setDefaultFragment(){
89.         //注意: remove会销毁Fragment, hide不销毁只是隐藏, 所有add方法要重新new
90.         vp.setCurrentItem(0, false); //false表示取消滑动效果, true则有滑动效果
91.     }
92.     //弹出带输入框的对话框
93.     @SuppressWarnings("InflateParams")
94.     private void inputTitleDialog(){
95.         /*
96.         Android中得到布局文件对象有两种方式
97.         第一种, 在Activity所在类中
98.             this.getLayoutInflater().inflate(R.layout.布局文件名,null);
99.         第二种, 在非Activity所在类中
100.             Context.getSystemService(Context.LAYOUT_INFLATER_SERVICE).inflate(R.layout.布局文件名,null);
101.         */
102.         View view = this.getLayoutInflater().inflate(R.layout.dialog_layout, null);
103.         final EditText text = (EditText) view.findViewById(R.id.edit_search);
104.         AlertDialog.Builder builder = new AlertDialog.Builder(this);
105.         builder.setTitle("对话框标题")

```

```

106.         .setIcon(R.drawable.ic_launcher)
107.         .setView(view)
108.         .setNegativeButton("取消", null)
109.         .setPositiveButton("确定", new DialogInterface.OnClickListener() {
110.             @Override
111.             public void onClick(DialogInterface dialog, int which) {
112.                 String str = text.getText().toString();
113.                 if(!str.equals("")){
114.                     if(str.indexOf("http://")==0){
115.                         xinwen.wv.loadUrl(str);
116.                     }else{
117.                         xinwen.wv.loadUrl("http://www.baidu.com/s?wd="+str);
118.                     }
119.                 }
120.             }
121.         });
122.         builder.show();
123.     }
124.     @Override
125.     public void onClick(View v) {
126.         switch (v.getId()) {
127.             case R.id.bottom_button_one:
128.                 bottom_back.setBackgroundResource(R.drawable.bottom_one);
129.                 vp.setCurrentItem(0, false);
130.                 break;
131.             case R.id.bottom_button_two:
132.                 bottom_back.setBackgroundResource(R.drawable.bottom_two);
133.                 vp.setCurrentItem(1, false);
134.                 break;
135.             case R.id.bottom_button_three:
136.                 bottom_back.setBackgroundResource(R.drawable.bottom_three);
137.                 vp.setCurrentItem(2, false);
138.                 break;
139.             case R.id.top_break:
140.                 if(xinwen!=null)
141.                     xinwen.wv.goBack();    //后退
142.                 break;
143.             case R.id.top_menu:
144.                 if(pop.isShowing()){
145.                     //隐藏窗口, 如果设置了点击窗口外小时即不需要此方法隐藏
146.                     pop.dismiss();
147.                 }else{
148.                     //显示窗口
149.                     pop.showAsDropDown(v);
150.                 }
151.                 // openOptionsMenu();    //显示menu菜单项
152.                 break;
153.             case R.id.menu_home:
154.                 pop.dismiss();
155.                 xinwen.wv.loadUrl("http://news.sina.com.cn");
156.                 break;
157.             case R.id.menu_refresh:
158.                 pop.dismiss();
159.                 xinwen.wv.reload();    //刷新
160.                 break;
161.             case R.id.menu_search:
162.                 pop.dismiss();
163.                 inputTitleDialog();
164.                 break;
165.             default:
166.                 break;
167.         }
168.         /*
169.         mWebView.goBack();    //后退
170.         mWebView.goForward();//前进
171.         mWebView.reload();    //刷新
172.         */
173.     }
174. }
175. </span>

```

adapter代码：

[java]

```
01. <span style="font-size:14px;">public class FragmentAdapter extends FragmentPagerAdapter{
```

```
02. private List<Fragment> mFragments;
03. public Fragment currentFragment;
04. public FragmentAdapter(FragmentManager fm, List<Fragment> fragments) {
05.     super(fm);
06.     mFragments = fragments;
07. }
08. @Override
09. public Fragment getItem(int position) {
10.     return mFragments.get(position);
11. }
12. @Override
13. public int getCount() {
14.     return mFragments.size();
15. }
16. //重载FragmentPagerAdapter.setPrimaryItem方法
17. @Override
18. public void setPrimaryItem(ViewGroup container, int position, Object object){
19.     currentFragment = (Fragment)object;
20.     super.setPrimaryItem(container, position, object);
21. }
22. }
```

setCurrentItem()方法在这里要说一下，设置为false取消滑动效果，true显示滑动效果，准确来说是通过控制滑动时间来实现，当设置滑动时间为0时，滑动效果就没有了。

我要实现点击底部按钮实现没有滑动效果的切换，刚开始以为是其它问题，没有从setCurrentItem()入手，在哪里啥弄了半天。

顶

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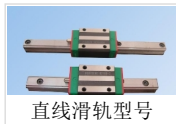
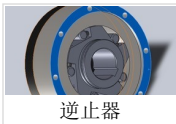
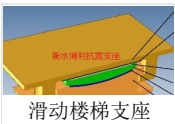
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