主要代码：

Activity\_main.xml

<LinearLayout ……>

<TextView

android:layout\_width="match\_parent"

android:layout\_height="wrap\_content"

android:text="这是默认布局"

android:id="@+id/textView1"/>

<Button

android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content"

android:text="设置"

android:id="@+id/button"/>

<TextView

android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content"

android:id="@+id/textView2"

android:text=""/>

</LinearLayout>

activity\_setting.xml

<RelativeLayout ……>

<TextView

android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content"

android:id="@+id/textView"

android:text="请在下面输入1、2或其他数据"/>

<EditText

android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content"

android:id="@+id/editText"

android:inputType="textPersonName"

android:ems="10"

android:layout\_below="@+id/textView1" />

<Button

android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content"

android:text="确定"

android:id="@+id/OK"

android:layout\_below="@+id/editText" />

<Button

android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content"

android:text="取消"

android:id="@+id/Cancel"

android:layout\_alignTop="@+id/OK"

android:layout\_centerHorizontal="true"/>

</RelativeLayout>

MainActivity.java

package com.lyq.getuserinput;

public class MainActivity extends AppCompatActivity {

private static int REQUEST\_CODE = 1000;//设置请求吗

private int currectLayout;

@Override

protected void onCreate(Bundle savedInstanceState) {

super.onCreate(savedInstanceState);

setContentView(R.layout.activity\_main);

currectLayout = R.layout.activity\_main;

initButton();

}

private void initButton(){

findViewById(R.id.button).setOnClickListener(new View.OnClickListener() {

@Override

public void onClick(View v) {

Intent intent = new Intent(MainActivity.this,SettingActivity.class);

startActivityForResult(intent,REQUEST\_CODE);

}

});

}

@Override

protected void onActivityResult(int requestCode, int resultCode, @Nullable Intent data) {

super.onActivityResult(requestCode, resultCode, data);

//Log.e("MainActivity","requestCode为"+requestCode);

//Log.e("MainActivity","resultCode为"+resultCode);

if(requestCode == REQUEST\_CODE) {

String msg;

if (resultCode == RESULT\_OK) {

String userinput = data.getStringExtra("userinput");

msg = "用户输入的不是1或2，未改变布局";

if (userinput.equals("1") & (currectLayout != R.layout.activity\_main)) {

setContentView(R.layout.activity\_main);

currectLayout = R.layout.activity\_main;

initButton();

msg = "用户输入1，设置为默认布局";

} else if (userinput.equals("2") & (currectLayout == R.layout.activity\_main)) {

setContentView(R.layout.activity2\_main);

currectLayout = R.layout.activity2\_main;

initButton();

msg = "用户输入2，设置为另一个布局";

} else {

msg = "用户输入的是" + userinput + "无法改变布局";

}

} else {

msg = "用户取消了布局选择操作";

}

TextView tv = (TextView) findViewById(R.id.textView2);

tv.setText(msg);

}

}

}

SettingActivity.java

package com.lyq.getuserinput;

public class SettingActivity extends AppCompatActivity {

@Override

protected void onCreate(Bundle savedInstanceState) {

super.onCreate(savedInstanceState);

setContentView(R.layout.activity\_setting);

findViewById(R.id.OK).setOnClickListener(new View.OnClickListener() {

@Override

public void onClick(View v) {

Intent intent = new Intent();

EditText editText = (EditText)findViewById(R.id.editText);

intent.putExtra("userinput",editText.getText().toString());

setResult(RESULT\_OK,intent);

finish();

}

});

findViewById(R.id.Cancel).setOnClickListener(new View.OnClickListener() {

@Override

public void onClick(View v) {

Intent intent = new Intent();

setResult(RESULT\_CANCELED,intent);

finish();

}

});

}

}

图形用户界面, 应用程序

描述已自动生成图形用户界面, 应用程序

描述已自动生成图形用户界面, 文本, 应用程序

描述已自动生成图形用户界面, 应用程序

描述已自动生成程序截图：