Demo26-SharedPreferences存储

优点：以键值对Key-Value的形式存储值，比文本存储数据更加方便快捷。

1. activity\_main.xml

*<?***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="match\_parent"  
 android:orientation="vertical"** >  
  
 <**Button  
 android:id="@+id/save\_data"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:text="Save data"** />  
  
 <**Button  
 android:id="@+id/restore\_data"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:text="Restore data"** />  
  
</**LinearLayout**>

1. MainActivity.java

**import** android.content.SharedPreferences;  
**import** android.support.v7.app.AppCompatActivity;  
**import** android.os.Bundle;  
**import** android.util.Log;  
**import** android.view.View;  
**import** android.widget.Button;  
**import** android.widget.Toast;

**public class** MainActivity **extends** AppCompatActivity {  
  
 @Override  
 **protected void** onCreate(Bundle savedInstanceState) {  
 **super**.onCreate(savedInstanceState);  
 setContentView(R.layout.***activity\_main***);  
 Button saveData = (Button) findViewById(R.id.***save\_data***);  
 saveData.setOnClickListener(**new** View.OnClickListener() {  
 @Override  
 **public void** onClick(View v) {  
 SharedPreferences.Editor editor = getSharedPreferences(**"data"**, ***MODE\_PRIVATE***).edit();  
 editor.putString(**"name"**, **"Tom"**);  
 editor.putInt(**"age"**, 28);  
 editor.putBoolean(**"married"**, **true**);  
 editor.apply();  
 }  
 });  
 Button restoreData = (Button) findViewById(R.id.***restore\_data***);  
 restoreData.setOnClickListener(**new** View.OnClickListener() {  
 @Override  
 **public void** onClick(View v) {  
 SharedPreferences pref = getSharedPreferences(**"data"**, ***MODE\_PRIVATE***);  
 String name = pref.getString(**"name"**, **""**);  
 **int** age = pref.getInt(**"age"**, 0); //后面是默认值，取不到值的替代值  
 **boolean** married = pref.getBoolean(**"married"**, **false**);  
  
 Toast.*makeText*(MainActivity.**this**,**"name is "** + name,Toast.***LENGTH\_SHORT***).show();  
 *// Toast.makeText(MainActivity.this,"age is " + age,Toast.LENGTH\_SHORT).show();  
 // Toast.makeText(MainActivity.this,"married is " + married,Toast.LENGTH\_SHORT).show();* Log.*d*(**"MainActivity"**, **"name is "** + name);  
 Log.*d*(**"MainActivity"**, **"age is "** + age);  
 Log.*d*(**"MainActivity"**, **"married is "** + married);  
 }  
 });  
 }  
  
}

