Demo27-SP记住密码功能

1. activity\_login.xml

*<?***xml version="1.0" encoding="utf-8"***?>*<**LinearLayout xmlns:android="http://schemas.android.com/apk/res/android"  
 android:orientation="vertical"  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent"**>  
   
 <**LinearLayout  
 android:orientation="horizontal"  
 android:layout\_width="match\_parent"  
 android:layout\_height="60dp"**>  
 <**TextView  
 android:layout\_width="90dp"  
 android:layout\_height="wrap\_content"  
 android:layout\_gravity="center\_vertical"  
 android:textSize="18sp"  
 android:text="Account:"** />  
  
 <**EditText  
 android:id="@+id/account"  
 android:layout\_width="0dp"  
 android:layout\_height="wrap\_content"  
 android:layout\_weight="1"  
 android:layout\_gravity="center\_vertical"**/>  
 </**LinearLayout**>  
  
 <**LinearLayout  
 android:orientation="horizontal"  
 android:layout\_width="match\_parent"  
 android:layout\_height="60dp"**>  
 <**TextView  
 android:layout\_width="90dp"  
 android:layout\_height="wrap\_content"  
 android:layout\_gravity="center\_vertical"  
 android:textSize="18sp"  
 android:text="Password:"** />  
  
 <**EditText  
 android:id="@+id/password"  
 android:layout\_width="0dp"  
 android:layout\_height="wrap\_content"  
 android:layout\_weight="1"  
 android:layout\_gravity="center\_vertical"  
 android:inputType="textPassword"** />  
 </**LinearLayout**>  
  
 <**LinearLayout  
 android:orientation="horizontal"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"**>  
 <**CheckBox  
 android:id="@+id/remember\_pass"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"** />  
  
 <**TextView  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:textSize="18sp"  
 android:text="Remember password"** />  
  
 </**LinearLayout**>  
  
 <**Button  
 android:id="@+id/login"  
 android:layout\_width="match\_parent"  
 android:layout\_height="60dp"  
 android:text="Login"** />  
  
</**LinearLayout**>

1. LoginActivity.java

**import** android.content.Intent;  
**import** android.content.SharedPreferences;  
**import** android.preference.PreferenceManager;  
**import** android.support.v7.app.AppCompatActivity;  
**import** android.os.Bundle;  
**import** android.view.View;  
**import** android.widget.Button;  
**import** android.widget.CheckBox;  
**import** android.widget.EditText;  
**import** android.widget.Toast;  
  
**public class** LoginActivity **extends** BaseActivity {  
  
 **private** SharedPreferences **pref**;  
  
 **private** SharedPreferences.Editor **editor**;  
  
 **private** EditText **accountEdit**;  
  
 **private** EditText **passwordEdit**;  
  
 **private** Button **login**;  
  
 **private** CheckBox **rememberPass**;  
  
 @Override  
 **protected void** onCreate(Bundle savedInstanceState) {  
 **super**.onCreate(savedInstanceState);  
 setContentView(R.layout.***activity\_login***);  
 **pref** = PreferenceManager.*getDefaultSharedPreferences*(**this**);  
 **accountEdit** = (EditText) findViewById(R.id.***account***);  
 **passwordEdit** = (EditText) findViewById(R.id.***password***);  
 **rememberPass** = (CheckBox) findViewById(R.id.***remember\_pass***);  
 **login** = (Button) findViewById(R.id.***login***);  
 **boolean** isRemember = **pref**.getBoolean(**"remember\_password"**, **false**);  
 **if** (isRemember) {  
 *// 将账号和密码都设置到文本框中* String account = **pref**.getString(**"account"**, **""**);  
 String password = **pref**.getString(**"password"**, **""**);  
 **accountEdit**.setText(account);  
 **passwordEdit**.setText(password);  
 **rememberPass**.setChecked(**true**);  
 }  
 **login**.setOnClickListener(**new** View.OnClickListener() {  
 @Override  
 **public void** onClick(View v) {  
 String account = **accountEdit**.getText().toString();  
 String password = **passwordEdit**.getText().toString();  
 *// 如果账号是admin且密码是123456，就认为登录成功* **if** (account.equals(**"admin"**) && password.equals(**"123456"**)) {  
 **editor** = **pref**.edit();  
 **if** (**rememberPass**.isChecked()) { *// 检查复选框是否被选中* **editor**.putBoolean(**"remember\_password"**, **true**);  
 **editor**.putString(**"account"**, account);  
 **editor**.putString(**"password"**, password);  
 } **else** {  
 **editor**.clear();  
 }  
 **editor**.apply();  
 Intent intent = **new** Intent(LoginActivity.**this**, MainActivity.**class**);  
 startActivity(intent);  
 finish();  
 } **else** {  
 Toast.*makeText*(LoginActivity.**this**, **"account or password is invalid"**,  
 Toast.***LENGTH\_SHORT***).show();  
 }  
 }  
 });  
 }  
  
}

1. 工具类

**import** android.app.Activity;  
**import** java.util.ArrayList;  
**import** java.util.List;  
  
**public class** ActivityCollector {  
  
 **public static** List<Activity> *activities* = **new** ArrayList<>();  
  
 **public static void** addActivity(Activity activity) {  
 *activities*.add(activity);  
 }  
  
 **public static void** removeActivity(Activity activity) {  
 *activities*.remove(activity);  
 }  
  
 **public static void** finishAll() {  
 **for** (Activity activity : *activities*) {  
 **if** (!activity.isFinishing()) {  
 activity.finish();  
 }  
 }  
 }  
  
}

**import** android.app.AlertDialog;  
**import** android.content.BroadcastReceiver;  
**import** android.content.Context;  
**import** android.content.DialogInterface;  
**import** android.content.Intent;  
**import** android.content.IntentFilter;  
**import** android.os.Bundle;  
**import** android.support.v7.app.AppCompatActivity;  
  
**public class** BaseActivity **extends** AppCompatActivity {  
  
 **private** ForceOfflineReceiver **receiver**;  
  
 @Override  
 **protected void** onCreate(Bundle savedInstanceState) {  
 **super**.onCreate(savedInstanceState);  
 ActivityCollector.*addActivity*(**this**);  
 }  
  
 @Override  
 **protected void** onResume() {  
 **super**.onResume();  
 IntentFilter intentFilter = **new** IntentFilter();  
 intentFilter.addAction(**"com.example.broadcastbestpractice.FORCE\_OFFLINE"**);  
 **receiver** = **new** ForceOfflineReceiver();  
 registerReceiver(**receiver**, intentFilter);  
 }  
  
 @Override  
 **protected void** onPause() {  
 **super**.onPause();  
 **if** (**receiver** != **null**) {  
 unregisterReceiver(**receiver**);  
 **receiver** = **null**;  
 }  
 }  
  
 @Override  
 **protected void** onDestroy() {  
 **super**.onDestroy();  
 ActivityCollector.*removeActivity*(**this**);  
 }  
  
 **class** ForceOfflineReceiver **extends** BroadcastReceiver {  
  
 @Override  
 **public void** onReceive(**final** Context context, Intent intent) {  
 AlertDialog.Builder builder = **new** AlertDialog.Builder(context);  
 builder.setTitle(**"Warning"**);  
 builder.setMessage(**"You are forced to be offline. Please try to login again."**);  
 builder.setCancelable(**false**);  
 builder.setPositiveButton(**"OK"**, **new** DialogInterface.OnClickListener() {  
 @Override  
 **public void** onClick(DialogInterface dialog, **int** which) {  
 ActivityCollector.*finishAll*(); *// 销毁所有活动* Intent intent = **new** Intent(context, LoginActivity.**class**);  
 context.startActivity(intent); *// 重新启动LoginActivity* }  
 });  
 builder.show();  
 }  
  
 }  
  
}

1. MainActivity.java

**import** android.content.Intent;  
**import** android.support.v7.app.AppCompatActivity;  
**import** android.os.Bundle;  
**import** android.view.View;  
**import** android.widget.Button;  
  
**public class** MainActivity **extends** BaseActivity {  
  
 @Override  
 **protected void** onCreate(Bundle savedInstanceState) {  
 **super**.onCreate(savedInstanceState);  
 setContentView(R.layout.***activity\_main***);  
 Button forceOffline = (Button) findViewById(R.id.***force\_offline***);  
 forceOffline.setOnClickListener(**new** View.OnClickListener() {  
 @Override  
 **public void** onClick(View v) {  
 Intent intent = **new** Intent(**"com.example.broadcastbestpractice.FORCE\_OFFLINE"**);  
 sendBroadcast(intent);  
 }  
 });  
 }  
  
}