Demo30-通知Notification

1. activity\_main.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">

<Button

android:id="@+id/send\_notice"

android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content"

android:text="Send notice" />

</LinearLayout>

1. MainActivity.java

**import** android.app.Notification;  
**import** android.app.NotificationChannel;  
**import** android.app.NotificationManager;  
**import** android.app.PendingIntent;  
**import** android.content.Context;  
**import** android.content.Intent;  
**import** android.graphics.BitmapFactory;  
**import** android.graphics.Color;  
**import** android.net.Uri;  
**import** android.os.Build;  
**import** android.support.v4.app.NotificationCompat;  
**import** android.support.v7.app.AppCompatActivity;  
**import** android.os.Bundle;  
**import** android.view.View;  
**import** android.widget.Button;  
**import** android.widget.Toast;  
**import** java.io.File;  
  
**public class** MainActivity **extends** AppCompatActivity **implements** View.OnClickListener {  
  
 **private** Notification **notification**;  
  
 @Override  
 **protected void** onCreate(Bundle savedInstanceState) {  
 **super**.onCreate(savedInstanceState);  
 setContentView(R.layout.***activity\_main***);  
 Button sendNotice = (Button) findViewById(R.id.***send\_notice***);  
 sendNotice.setOnClickListener(**this**);  
 }  
  
 @Override  
 **public void** onClick(View v) {  
  
  
 String id = **"channel\_001"**;  
 String name = **"name"**;  
 **switch** (v.getId()) {  
 **case** R.id.***send\_notice***:  
 Intent intent = **new** Intent(**this**, NotificationActivity.**class**);  
 PendingIntent pi = PendingIntent.*getActivity*(**this**, 0, intent, 0);  
 NotificationManager manager = (NotificationManager) getSystemService(***NOTIFICATION\_SERVICE***);  
  
 **if** (Build.VERSION.***SDK\_INT*** >= Build.VERSION\_CODES.***O***) {*//判断API* NotificationChannel mChannel = **new** NotificationChannel(id, name, NotificationManager.***IMPORTANCE\_LOW***);  
 manager.createNotificationChannel(mChannel);  
 **notification** = **new** Notification.Builder(**this**)  
 .setChannelId(id)  
 .setContentTitle(**"活动"**)  
 .setContentText(**"您有一项新活动"**)  
 .setContentIntent(pi)  
 *//还可以自定义通知的样式style* .setStyle(**new** Notification.BigPictureStyle().bigPicture(BitmapFactory.*decodeResource*(getResources(), R.drawable.***big\_image***)))  
 .setPriority(Notification.***PRIORITY\_MAX***)  
 .setSmallIcon(R.mipmap.***ic\_launcher\_round***).build();  
 }  
 **else**{  
  
 **notification** = **new** NotificationCompat.Builder(**this**)  
 .setContentTitle(**"This is content title"**)  
 .setContentText(**"This is content text"**)  
 .setWhen(System.*currentTimeMillis*())  
 .setSmallIcon(R.mipmap.***ic\_launcher***)  
 .setLargeIcon(BitmapFactory.*decodeResource*(getResources(), R.mipmap.***ic\_launcher***))  
 .setContentIntent(pi)  
 *//发送通知时可以设置声音，震动，LED灯闪亮  
 // .setSound(Uri.fromFile(new File("/system/media/audio/ringtones/Luna.ogg")))  
 // .setVibrate(new long[]{0, 1000, 1000, 1000})  
 // .setLights(Color.GREEN, 1000, 1000)* .setDefaults(NotificationCompat.***DEFAULT\_ALL***)  
 *// .setStyle(new NotificationCompat.BigTextStyle().bigText("Learn how to build notifications, send and sync data, and use voice actions. Get the official Android IDE and developer tools to build apps for Android."))* .setStyle(**new** NotificationCompat.BigPictureStyle().bigPicture(BitmapFactory.*decodeResource*(getResources(), R.drawable.***big\_image***)))  
 .setPriority(NotificationCompat.***PRIORITY\_MAX***)  
 .build();  
 }  
  
  
  
  
 manager.notify(1, **notification**);  
  
 Toast.*makeText*(MainActivity.**this**,**"可以执行"**,Toast.***LENGTH\_SHORT***).show();  
 **break**;  
 **default**:  
 **break**;  
 }  
 }  
  
}

1. activity\_notification.xml

<?xml version="1.0" encoding="utf-8"?>

<RelativeLayout xmlns:android="http://schemas.android.com/apk/res/android"

android:layout\_width="match\_parent"

android:layout\_height="match\_parent" >

<TextView

android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content"

android:layout\_centerInParent="true"

android:textSize="24sp"

android:text="This is notification layout"

/>

</RelativeLayout>

1. NotificationActivity.java

import android.app.NotificationManager;

import android.support.v7.app.AppCompatActivity;

import android.os.Bundle;

public class NotificationActivity extends AppCompatActivity {

@Override

protected void onCreate(Bundle savedInstanceState) {

super.onCreate(savedInstanceState);

setContentView(R.layout.notification\_layout);

NotificationManager manager = (NotificationManager) getSystemService(NOTIFICATION\_SERVICE);

manager.cancel(1);

}

}

