动态权限申请：

*/\*\*  
 \* 用于保存请求权限的集合  
 \*/* List<String> permissionList = new ArrayList<>();  
  
 @Override  
 protected void onCreate(Bundle savedInstanceState) {  
 super.onCreate(savedInstanceState);  
 setContentView(R.layout.*activity\_main*);  
  
 }  
  
 public void requestPermission(View view){  
 requestPermission();  
 }  
  
 */\*\*  
 \* 动态请求权限  
 \*/* private void requestPermission() {  
  
 //判断权限是否已经获取，如果没有则将权限描述加入List集合，供后面动态申请  
 if (ContextCompat.*checkSelfPermission*(MainActivity.this, android.Manifest.permission.*ACCESS\_FINE\_LOCATION*)  
 != PackageManager.*PERMISSION\_GRANTED*) {  
 permissionList.add(Manifest.permission.*ACCESS\_FINE\_LOCATION*);  
 }  
 if(ContextCompat.*checkSelfPermission*(MainActivity.this,Manifest.permission.*READ\_PHONE\_STATE*)  
 != PackageManager.*PERMISSION\_GRANTED*){  
 permissionList.add(Manifest.permission.*READ\_PHONE\_STATE*);  
 }  
 if(ContextCompat.*checkSelfPermission*(MainActivity.this,Manifest.permission.*WRITE\_EXTERNAL\_STORAGE*)  
 != PackageManager.*PERMISSION\_GRANTED*){  
 permissionList.add(Manifest.permission.*WRITE\_EXTERNAL\_STORAGE*);  
 }  
  
 if(!permissionList.isEmpty()){  
// 将List中保存的权限描述保存到一个String数组中  
 String[] permissions = permissionList.toArray(new String[permissionList.size()]);  
  
// 通过ActivityCompat去动态请求权限  
 ActivityCompat.*requestPermissions*(MainActivity.this,permissions,1);  
 }else{  
 Toast.*makeText*(this, "权限请求成功！", Toast.*LENGTH\_SHORT*).show();  
 }  
  
 }  
  
  
 */\*\*  
 \* requestPermissions方法执行完成后的回调，用于检查权限是否请求成功,requestPermissions中所有的权限请求完毕后才回调该方法  
 \*  
 \** ***@param*** *requestCode 请求码，对应requestPermissions方法的第三个参数，从requestPermissions方法中传递过来，用于标记是哪次请求  
 \** ***@param*** *permissions 返回requestPermissions方法中请求的权限所对应的名称,如：android.permission.ACCESS\_FINE\_LOCATION  
 \** ***@param*** *grantResults 返回权限申请的结果，保存在一个数组中，对应permissions数组中的权限，只有两种结果，1是权限请求成功： android.content.pm.PackageManager.PERMISSION\_GRANTED  
 \* 2是权限请求失败android.content.pm.PackageManager.PERMISSION\_DENIED.  
 \*/* @Override  
 public void onRequestPermissionsResult(int requestCode, @NonNull String[] permissions, @NonNull int[] grantResults) {  
 switch (requestCode) {  
 case 1:  
 if(grantResults.length > 0){  
 for(int result : grantResults){  
 if(result != PackageManager.*PERMISSION\_GRANTED*){  
 Toast.*makeText*(MainActivity.this, "必须同意所有权限才能使用本程序", Toast.*LENGTH\_SHORT*).show();  
 finish();  
 return;  
 }  
 // *TODO: 2017/1/17 Task when permission requested successfully* }  
 }else{  
 Toast.*makeText*(this, "发生未知错误", Toast.*LENGTH\_SHORT*).show();  
 finish();  
 }  
 break;  
 default:  
 break;  
 }  
  
 }