# AlarmManagerService

[Android5.1AlarmManagerService深入分析（Android4.4补充）](http://blog.csdn.net/kc58236582/article/details/45666709)

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# Android之AlarmManagerService源码分析

<http://www.procedurego.com/article/128389.html>

<http://blog.csdn.net/zhangyongfeiyong/article/details/52224300>

<https://github.com/clarkehe/Android/wiki/Android%E4%BC%91%E7%9C%A0%E6%9C%BA%E5%88%B6>

休眠机制

android-7.1.1\_r1/frameworks/base/services/core/java/com/android/server/AlarmManagerService.java

# [AlarmManager 实现闹钟的基本功能](http://www.cnblogs.com/rainly/p/3437627.html)

# 时区

拿到GPS为何能够自动更新时区原理

**void** setTimeZoneImpl(String tz) {  
 **if** (TextUtils.isEmpty(tz)) {  
 **return**;  
 }  
  
 TimeZone zone = TimeZone.getTimeZone(tz);  
 *// Prevent reentrant calls from stepping on each other when writing  
 // the time zone property* **boolean** timeZoneWasChanged = **false**;  
 **synchronized** (**this**) {  
 String current = SystemProperties.get(TIMEZONE\_PROPERTY);  
 **if** (current == **null** || !current.equals(zone.getID())) {  
 **if** (localLOGV) {  
 Slog.v(TAG, **"timezone changed: "** + current + **", new="** + zone.getID());  
 }  
 timeZoneWasChanged = **true**;  
 SystemProperties.set(TIMEZONE\_PROPERTY, zone.getID());  
 }  
  
 *// Update the kernel timezone information  
 // Kernel tracks time offsets as 'minutes west of GMT'* **int** gmtOffset = zone.getOffset(System.currentTimeMillis());  
 setKernelTimezone(mNativeData, -(gmtOffset / 60000));  
 }  
  
 TimeZone.setDefault(**null**);  
  
 **if** (timeZoneWasChanged) {  
 Intent intent = **new** Intent(Intent.ACTION\_TIMEZONE\_CHANGED);  
 intent.addFlags(Intent.FLAG\_RECEIVER\_REPLACE\_PENDING);  
 intent.putExtra(**"time-zone"**, zone.getID());  
 getContext().sendBroadcastAsUser(intent, UserHandle.ALL);  
 }  
}