http://gold.xitu.io/timeline/android(掘金)

Android Studio SHA1生成方法

在Terminal中 keytool -v -list -keystore c:\Users\asus\.android\xxxx.jks

**Kotlin**

<https://juejin.im/post/591dd9f544d904006c9fbb96(看这一篇教程就够了)>

[https://github.com/huanglizhuo/kotlin-in-chinese(Kotlin 中文)](https://github.com/huanglizhuo/kotlin-in-chinese(Kotlin))

<https://mp.weixin.qq.com/s/0kE-u6jH7BbgkRWEgHfRQg>(建议)

https://zhuanlan.zhihu.com/p/27285806(Kotlin tips)

<https://mp.weixin.qq.com/s?__biz=MzIwMzYwMTk1NA==&mid=2247484968&idx=1&sn=4134dc2fd3d1dd2209b2469cbb2df9ba&chksm=96cda765a1ba2e73c0caca037d950f8eb5bfd5de82b5ce8bb0986d38374b310ad2f511fc8979&mpshare=1&scene=23&srcid=0615Lm559QU039MsIrYs5P65#rd>(双语对比)

http://www.jianshu.com/p/2c2924c9c246(Kotlin实现微信朋友圈浏览图片)

**Socket**

http://blog.csdn.net/u011240877/article/details/72860483(Socket)

http://blog.csdn.net/zly921112/article/details/72973054(WebSocket)

<https://github.com/TooTallNate/Java-WebSocket(WebSocket)>

**没事看看系列**

<http://www.jianshu.com/p/c73cb16b6efc?from=jiantop.com>(酷炫库)

http://www.cnblogs.com/jincheng-yangchaofan/articles/7018780.html(100大框架)

<http://www.jianshu.com/p/780658b79227>(烂糟 库？面试？)

<https://snowdream.github.io/awesome-android/(UI> 库)

<http://androidblog.cn/index.php/Source/>(各种源码)

https://github.com/Lafree317/ShareAndroidResource(http://rance935.com/blog/?p=102)

<https://github.com/xitu/gold-miner/blob/master/TODO/google.interview.university.md>(Google)

<http://blog.didiaoyuan.com/2017/04/18/%E6%80%BB%E6%9C%89%E4%BD%A0%E8%A6%81%E7%9A%84%E7%BC%96%E7%A8%8B%E4%B9%A6%E5%8D%95%EF%BC%88GitHub-%EF%BC%89/(书单)>

<https://github.com/opendigg/awesome-github-android-ui#EditText>(UI库)

<https://juejin.im/post/58f61bb55c497d006ca294bb>(技术选型)

https://mp.weixin.qq.com/s/nrYt0X9d53IuFd98KyddSA(吴小龙博客)

//我也不知道这是啥玩意

<https://github.com/facebook/litho>(控制设置更简洁)

**杂七杂八**

<http://www.jianshu.com/p/cc94213ec4ab(MP4转GIF)>

http://blog.csdn.net/dajian790626/article/details/8520154(TextView使用系统字体大小)

https://juejin.im/post/59634e85f265da6c3d6c35ef(从后台返回来点广告吧)

<http://blog.csdn.net/qq_16628781/article/details/68955387>(枚举利弊以及替代方案)

https://juejin.im/post/593d85e55c497d006b90433d(上传下载进度)

<https://github.com/Yalantis(牛逼的存在)>

环境变量

<http://jingyan.baidu.com/article/f96699bb8b38e0894e3c1bef.html>

android 开发好用的工具

<https://mp.weixin.qq.com/s/-tt3IMjIRUFvU-Xw8mjFtw>

<https://zhuanlan.zhihu.com/p/25672779>

<http://blog.n8n.cn/?cat=5>

<http://www.iyuyao.top/index.php/post/73.html>提取短信验证码

<https://github.com/android-notes/SwissArmyKnife>(UI调试库)

<https://www.qcloud.com/community/article/439099?fromSource=gwzcw.149298.149298.149298(开发小工具)>

http://www.jcodecraeer.com/a/anzhuokaifa/androidkaifa/2017/0526/7973.html(开发小工具)

<http://blog.csdn.net/u014727709/article/details/72673810(工具类)>

http://tangpj.com/2017/05/02/dateformat/(时间处理)

http://www.jianshu.com/p/1538bf85dad1(Protocol Buffer)

<http://rance935.com/blog/?p=152(工具类)>

[http://m.blog.csdn.net/cjm2484836553/article/details/74897547(自](http://m.blog.csdn.net/cjm2484836553/article/details/74897547(ziji)己做东西用到的东西)

<http://www.jianshu.com/p/4e1e96fe6d26(全局替换字体)>

<https://juejin.im/post/592d8f4e0ce46300579e1df7(保持屏幕常亮)>

<http://www.cnblogs.com/whoislcj/p/6137398.html>(文件存储)

<http://itfeifei.win/2017/03/17/Android%E5%AD%98%E5%82%A8%E8%B7%AF%E5%BE%84%E4%BD%A0%E4%BA%86%E8%A7%A3%E5%A4%9A%E5%B0%91/>(手机中文件存储路径)

<https://github.com/Blankj/AndroidUtilCode/blob/master/README-CN.md>(工具类)

**动画类**

<https://juejin.im/post/58f9c88ada2f60005db05624>(Android 5.0动画 元素共享)

[http://www.jianshu.com/p/2f19fe1e3ca1(动画差值器)](http://www.jianshu.com/p/2f19fe1e3ca1(动画))

<https://github.com/willowtreeapps/spruce-android>(列表动画)

<http://gold.xitu.io/post/58169a97128fe1005590ec9a>(转场动画)

<http://www.liujun.info/2017/04/25/Lottie%E5%BA%93%E5%AE%9E%E7%8E%B0%E7%9B%B4%E6%92%AD%E7%A4%BC%E7%89%A9%E5%8A%A8%E7%94%BB/(直播间送礼物动画)>

<https://github.com/hanks-zyh/HTextView>(TextView特效库)

<https://github.com/Ramotion/folding-cell-android>(View三层折叠)

<https://shaohui.me/2017/03/08/ripple_drawable/>(触摸反馈波纹效果)

<https://gold.xitu.io/post/58948f1b0ce4630056f3a629>(动画开源库)

<https://gold.xitu.io/post/585631bd128fe1006b6b2762>(下载牛逼loading)

<https://github.com/CarGuo/rebound>(Facebook开源弹性动画)

<http://www.jianshu.com/p/4c83078d23ef>(试图扩散效果)

<http://www.apkbus.com/forum.php?mod=viewthread&tid=266560&extra=page%3D62%26filter%3Dsortid%26orderby%3Ddateline%26sortid%3D12>(转场动画)

<http://blog.csdn.net/wzgiceman/article/details/52083391>(转场动画)

<http://www.apkbus.com/forum.php?mod=viewthread&tid=263005>(背景移动动画)

<https://github.com/ghuiii/AnimateVectorDrawableDEMO>(矢量小动画)

<http://www.apkbus.com/forum.php?mod=viewthread&tid=267730&extra=page%3D47%26filter%3Dsortid%26orderby%3Ddateline%26sortid%3D12>(加载动画)

http://www.jianshu.com/p/2412d00a0ce4(属性动画)

<http://www.jianshu.com/p/733532041f46(补间动画)>

https://juejin.im/post/5945f280fe88c2006a7b1a01(仿MIUI伸缩动画)

**UI功能类**

<https://juejin.im/post/5924f1c1a22b9d0058a25a43(ConstraintLayout)>

https://juejin.im/post/59258f97a0bb9f005f84f7dd(ConstraintLayout)

<https://juejin.im/post/592655630ce46300574be298(ConstraintLayout)>

<https://github.com/scwang90/SmartRefreshLayout(下拉刷新)>

https://github.com/zjutkz/CountdownView(计时View)

<https://github.com/wobiancao/ImageNice9Layout>(图片拖拽排序)

https://github.com/goyourfly/MultiPictureView（图片网格布局）

[https://mp.weixin.qq.com/s?\_\_biz=MzA5MzI3NjE2MA==&mid=2650239984&idx=1&sn=ace676f74c0941b84c86f22976e437fc&chksm=8863829fbf140b89393f09b2c084be34f6b81399286f34fdffdfa1d8a36c36bfaf2ef0524a7d&mpshare=1&scene=1&srcid=0615i4kKpFyu5mpoipmw6U2a#rd(PopupWindow封装)](https://mp.weixin.qq.com/s?__biz=MzA5MzI3NjE2MA==&mid=2650239984&idx=1&sn=ace676f74c0941b84c86f22976e437fc&chksm=8863829fbf140b89393f09b2c084be34f6b81399286f34fdffdfa1d8a36c36bfaf2ef0524a7d&mpshare=1&scene=1&srcid=0615i4kKpFyu5mpoipmw6U2a#rd(PopupWindoe封装))

http://blog.csdn.net/carson\_ho/article/details/71077193(V-Layout)

http://www.jianshu.com/p/b1133746eb28(CollapsingToolbarLayout 的收缩展开状态)

<http://blog.csdn.net/langrenfengzi/article/details/39394885>(popularWindow全屏显示)

<http://www.jianshu.com/p/1b91e11e441d>(SuperTextView)

<http://www.jianshu.com/p/65fe71f7f651>(底部popularWindow)

<http://www.apkbus.com/blog-625356-62083.html>(消息滚动)

<https://juejin.im/post/58d51f1961ff4b0060550f40>(双击滚动到top)

<http://ezfantasy.iteye.com/blog/1974742>(右滑删除)

<https://github.com/jkyeo/Android-SplashView>(欢迎页)

<http://www.jianshu.com/p/9dd4027c2107>(仿蘑菇街欢迎页)

<https://stephentuso.github.io/welcome-android/>(欢迎页)

[https://github.com/wasabeef/awesome-android-ui](https://github.com/wasabeef/awesome-android-ui" \t "https://gold.xitu.io/post/_blank)(UI库)

<http://www.jianshu.com/p/71c4d2f2abe6>(新手引导页)

<http://www.jianshu.com/p/1d2dcbc1e0f2>(新手引导页)

[http://www.apkbus.com/forum.php?mod=viewthread&tid=268931&extra=page%3D29%26filter](http://www.apkbus.com/forum.php?mod=viewthread&tid=268931&extra=page%3D29%26filter%3Dsortid%26orderby%3Ddateline%26sortid%3D12)

[%3Dsortid%26orderby%3Ddateline%26sortid%3D12](http://www.apkbus.com/forum.php?mod=viewthread&tid=268931&extra=page%3D29%26filter%3Dsortid%26orderby%3Ddateline%26sortid%3D12)(提示用户view)

<http://www.jianshu.com/p/3c26a35d933e>(朋友圈全文收起)

<http://www.jianshu.com/p/b469c6f02754>(cityPicker)

<https://github.com/saiwu-bigkoo/Android-ConvenientBanner>(Banner)

<http://blog.csdn.net/androidmsky/article/details/49870823>(带清除)

<https://github.com/liuguangli/VerificationCodeInput>(验证码的输入框)

<http://blog.csdn.net/u011780646/article/details/42557683>(自动分隔输入框)

<http://www.jianshu.com/p/df03c1276121>(流程指示器)

<http://blog.csdn.net/yyh352091626/article/details/52314372>(小气泡)

<http://blog.csdn.net/a153614131/article/details/53709596>(下滑返回)

<http://www.jianshu.com/p/84067ad289d2>(字体局部颜色)

<http://extremej.itscoder.com/zoom-up-animation/>(元素共享)

<https://www.kancloud.cn/qibin0506/android-md/117682>(元素共享)

<http://www.apkbus.com/forum.php?mod=viewthread&tid=266215&extra=page%3D69%26filter%3Dsortid%26orderby%3Ddateline%26sortid%3D12>(筛选完全解决)

<http://blog.csdn.net/mingyunxiaohai/article/details/52893695>(筛选)

<http://niorgai.github.io/2016/03/20/Android-transulcent-status-bar/>(状态栏)

<http://blog.it985.com/16781.html>(listview中倒计时)

Fragment

<http://blog.csdn.net/wx1396530501/article/details/50953465>(解决空白页)

<http://www.jianshu.com/p/d9143a92ad94(采坑系列)>

<http://blog.csdn.net/ys743276112/article/details/51228934>(onBackPressed)

<http://www.jianshu.com/p/1b824e26105b>(Activity与Fragment通信)

<http://www.jianshu.com/p/fccc7716f47e>(懒加载)

<http://yifeng.studio/2016/12/15/android-fragment-attentions/>(fragment库)

MaterialDesign

<https://github.com/Luosunce/material-design-data>(MaterialDesign系列)

<http://www.ctolib.com/ShimmerRecyclerView.html>(加载数据时的默认shimmer)

<http://blog.csdn.net/qq_17766199/article/details/65452436>(局部刷新)

<https://github.com/jdsjlzx/LRecyclerView>(下拉刷新)

<https://github.com/liaohuqiu/android-Ultra-Pull-To-Refresh>(下拉刷新)

<http://blog.csdn.net/tyk0910/article/details/51460808>(仿知乎添加栏目)

<http://www.jianshu.com/p/ebca9f6096f5>(Behavior)

http://blog.csdn.net/gjm15881133824/article/details/73742219(Behavior)

<https://gold.xitu.io/post/585cb758da2f600065815a10>(cardview)

<https://drakeet.me/effective-multitype?hmsr=toutiao.io&utm_medium=toutiao.io&utm_source=toutiao.io#multitype-%E7%9A%84%E7%89%B9%E6%80%A7>(Multitype)

<http://www.jianshu.com/p/cce743e092ec>(FloatingActionButton)

<http://www.jianshu.com/p/f6c63a59d511>(恢复浏览位置)

<http://mp.weixin.qq.com/s?__biz=MzI4MTQyNDg3Mg==&mid=2247483752&idx=1&sn=e5a12a53d12dbe80c27ae78af9660b12&chksm=eba827efdcdfaef999ac120869fb3b32508d76f883d1c9b2701c840834a9feef53d0ed9669a3#rd>(MaterialDesign基础使用)

<http://yifeng.studio/2016/10/12/android-toolbar/>(ToolBar)

<http://www.jianshu.com/p/e2ae6aaff696>(ToolBar)

<https://github.com/CymChad/BaseRecyclerViewAdapterHelper/wiki/%E9%A6%96%E9%A1%B5>

<https://github.com/lufficc/LightAdapter>(Adapter)

<http://www.jianshu.com/p/a6f239e7f77b>(Adapter)

<https://github.com/qbaowei/ExpandableAdapter>(Adapter)

<http://www.jianshu.com/p/2f2996ef2c75>(RecyclerView封装)

<http://www.jianshu.com/p/1e6eed09d48b>(MaterialDesign基础使用)

<http://mp.weixin.qq.com/s?__biz=MjM5NDkxMTgyNw==&mid=2653057604&idx=1&sn=76f119252836e20c263d17d08b452b67&scene=0>(Navigation drawer)

<http://blog.csdn.net/qq_15028795/article/details/51794139>(Navigation drawer)

<http://blog.csdn.net/mynameishuangshuai/article/details/51153978>(开源框架)

<http://mp.weixin.qq.com/s?__biz=MzI4MzE2MTQ5Mw==&mid=2649752111&idx=1&sn=414c62ff6c1485c9a7cd90dd3fc8f6e6#rd>(RecyclerView刷新)

<http://www.jianshu.com/p/12ec590f6c76>(RecyclerView)

<https://github.com/yqritc/RecyclerView-FlexibleDivider>(分割线)

<http://loshine.me/2016/08/25/a-universal-solution-of-recyclerview-adapter-notify/>(DiffUtil)

<http://blog.csdn.net/rosechan/article/details/51587058>(CoordinatorLayout)

<http://blog.csdn.net/amazing7/article/details/51918623>(CoordinatorLayout)

<http://www.jianshu.com/p/b68dab7258df>(CoordinatorLayout)

<http://mp.weixin.qq.com/s?__biz=MjM5NDkxMTgyNw==&mid=2653057719&idx=1&sn=6ae3db02825c0e70794050347ea8d78f&scene=2&srcid=0704SCeMrSIYsq68KxzD0r31&from=timeline&isappinstalled=0#wechat_redirect(Palette)>

<https://gold.xitu.io/post/5864eb13570c3500695dcd1a>TabLayout)

<http://blog.csdn.net/wode_dream/article/details/50424446>(TabLayout选中字体变大)

<http://www.jianshu.com/p/2b2bb6be83a8>(TabLayout属性详解)

各种dialog

<https://github.com/niyingxunzong/IOSDialogDemo>(IOS STYLE)

<http://www.jianshu.com/p/8cb2e709891c>

<https://github.com/mylhyl/AndroidSuperDialog>

<https://github.com/pedant/sweet-alert-dialog>

<https://github.com/shaohui10086/BottomDialog>

<http://sixwolf.net/blog/2016/04/11/Android%E5%8E%BB%E9%99%A4%E7%83%A6%E4%BA%BA%E7%9A%84%E9%97%AA%E9%80%80%E5%BC%B9%E7%AA%97/>(去除崩溃dialog)

<https://github.com/yipianfengye/android-adDialog>(广告)

**图片处理**

<https://zhuanlan.zhihu.com/p/26420284>(知乎开源图片选择器)

http://blog.csdn.net/u013231041/article/details/75062688(方微信发朋友圈)

<https://github.com/LuckSiege/PictureSelector>(PictureSelector)

https://github.com/HzwSunshine/ImageGallery(瀑布流+浏览)

<https://github.com/yingLanNull/ShadowImageView>(阴影处理)

<https://juejin.im/post/58c002378ac24700635e1f34>(高斯模糊)

<http://blog.coderclock.com/2017/04/12/android/open-source-android-image-compression-library/>(压缩图片开源库Luban)

<http://zhengxiaoyong.me/2017/04/23/Android%E5%9B%BE%E7%89%87%E5%8E%8B%E7%BC%A9%E6%A1%86%E6%9E%B6-Tiny/>(压缩图片开源库Tiny)

<https://gold.xitu.io/post/5850e858570c350069dde13f>(图片放置策略)

<http://blog.csdn.net/xiaohanluo/article/details/52485037>(图片压缩)

<http://www.jianshu.com/p/3fd048644e3f>(.9图片)

<https://github.com/H07000223/FlycoLabelView>(图片加标签库)

<http://ltlovezh.com/2016/05/31/Android-Bitmap%E9%82%A3%E4%BA%9B%E4%BA%8B/>(Bitmap)

<https://gold.xitu.io/post/58bc1f11ac502e006b0957b7>(Bitmap)

<http://blog.csdn.net/ys743276112/article/details/51910874>(图标尺寸规范)

<http://blog.csdn.net/luoyanglizi/article/details/52589234>(SVG)

<http://chenkaijian.com/2016/09/08/android-sticker/>(相机贴图)

<https://tinypng.com>(图片压缩网站)

TinyPNG

key:Y3qRPEGciSlbi8ONQzcCA9PR9

Glide

<https://futurestud.io/blog/glide-module-example-accepting-self-signed-https-certificates>(GlideMoudle)

<http://blog.csdn.net/zhangphil/article/details/52806374>(圆角)

<http://www.tuicool.com/articles/bqiEvin>(Moudle)

<http://blog.csdn.net/shangmingchao/article/details/51125554>

<http://www.cnblogs.com/whoislcj/p/5558168.html>

<http://gold.xitu.io/post/57b6c6bc2e958a005f977ad9>（Glide 加载gif）

<https://mp.weixin.qq.com/s?__biz=MzAxMTI4MTkwNQ==&mid=2650822323&idx=1&sn=ef76ee7a4f262ffe65885de8af7811c4&chksm=80b7822db7c00b3b8c632f6bb7b5662a7d7f000efa0f9af884ab6b6d3c88e294fbee5261cbb6&scene=0#rd>(Glide加载Gif,高斯模糊)

**支付**

微信支付

<http://www.jianshu.com/p/c97639279d2e>

<https://pay.weixin.qq.com/wiki/doc/api/app/app.php?chapter=9_1>

支付宝

<http://blog.csdn.net/u013003052/article/details/51838224>

<http://www.jianshu.com/p/2aa2e8748476>

银联支付

<http://mp.weixin.qq.com/s?__biz=MzI2OTQxMTM4OQ==&mid=2247484330&idx=1&sn=08f426d03b02d9cb7f4aa453e3532b0c&chksm=eae1f6f8dd967fee4611eed7f81736979afa5f71ce81247fc0061c35da73436b8f189bc1f666#rd>

Jenkins

<http://www.jianshu.com/p/38b2e17ced73>

android 规范

<http://www.jianshu.com/p/419f5357357d>

ES6

<http://blog.csdn.net/haoshidai/article/details/52244620>

<http://es6.ruanyifeng.com/>

<https://developer.mozilla.org/zh-CN/docs/Web/JavaScript>(JS)

**性能优化**

<http://v.qq.com/vplus/56c7ec6c231bdbafd198c58fb86eb4dcv>(视频)

<https://gold.xitu.io/post/58b18e442f301e0068028a90>

<https://gold.xitu.io/post/58b25e588d6d810057ed3659>

<http://blog.csdn.net/dd864140130/article/details/62431927>

<http://blog.csdn.net/sinat_27154507/article/details/59058063>(UI)

<https://gold.xitu.io/post/5874bff0128fe1006b443fa0>

<https://mjd507.github.io/2017/01/19/Network-States-Monitor/>(网络判断优化)

<https://mp.weixin.qq.com/s?__biz=MzI3OTU3OTQ1Mw==&mid=2247483791&idx=1&sn=a0062d053cc86ebe2c8d8b34fcc3b985&chksm=eb44dfdddc3356cba30b56921577b4d5a63c28d589277634406e688b658e4eaeca01db2bed0c&mpshare=1&scene=23&srcid=0607Zswt0KY7vLEUnpGGGJpb#rd(异步)>

Launcher

<http://www.jianshu.com/p/968e2339ee5f>

**RN**

<http://reactnative.cn/docs/0.41/getting-started.html>(官方文档)

<http://www.jianshu.com/p/22aa14664cf9?open_source=weibo_search>(在原生中接入)

<https://github.com/exponent/react-native-tab-navigator>(底部tab)

<https://github.com/race604/react-native-viewpager>(轮播图)

蓝牙开发

<https://github.com/Polidea/RxAndroidBle>

<http://blog.csdn.net/chenliqiang12345678/article/details/50504406>

<http://www.hansion.win/2017/02/14/%E5%AE%89%E5%8D%93Ble%E4%BD%8E%E5%8A%9F%E8%80%97%E8%93%9D%E7%89%99%E5%BF%AB%E9%80%9F%E5%BC%80%E5%8F%91%E6%A1%86%E6%9E%B6H-ble/>

<http://blog.csdn.net/Xiong_IT/article/details/60966458(蓝牙)>

**NDK**

<http://mp.weixin.qq.com/s?__biz=MzA5MzI3NjE2MA==&mid=2650239332&idx=1&sn=9d98f0cc6835c90b4a88ff14f817a925&chksm=8863800bbf14091d7ef96e7c178da4092106a57728e7b8a04fd252ee3a0f4abf4359eff15c1f&mpshare=1&scene=1&srcid=0421292I0ljuHYdkLLE6t2qv#rd>

(AS2.3 CMake 方式)

<http://blog.csdn.net/mynameishuangshuai/article/details/52624907>

<http://blog.majiajie.me/2016/03/27/%E5%A6%82%E4%BD%95%E4%BC%98%E9%9B%85%E5%9C%B0%E4%BD%BF%E7%94%A8NDK/>

<https://juejin.im/post/58d997dd44d90400694754d2>

<http://www.jianshu.com/p/dc63d8997df2>(gradle-experimental)

<http://crash.163.com/#news/!newsId=24>(android.mk&application.mk)

Androidstudio生成.so

<http://blog.csdn.net/jkan2001/article/details/54316375>

<http://m.blog.csdn.net/article/details?id=51907273>

<https://gold.xitu.io/post/57e522e3c4c971005f5dcb00>(1)

<http://blog.csdn.net/mynameishuangshuai/article/details/52624907>(2)

<http://blog.csdn.net/mynameishuangshuai/article/details/52625400>(3)

<http://blog.csdn.net/mynameishuangshuai/article/details/52577228>(4)

<http://blog.csdn.net/mynameishuangshuai/article/details/52584713>(5)

<http://blog.csdn.net/mynameishuangshuai/article/details/52625609>(7)

<http://blog.csdn.net/mynameishuangshuai/article/details/52625658>(8)

<http://blog.csdn.net/mynameishuangshuai/article/details/52625745>(9)

<http://blog.csdn.net/mynameishuangshuai/article/details/52601903>(10)

<http://blog.csdn.net/mynameishuangshuai/article/details/52601885>(11)

<http://blog.csdn.net/mynameishuangshuai/article/details/52601781>(12)

http://www.jianshu.com/u/70c12759d4fe(系列)

**AR**

<http://www.jianshu.com/p/a00115099e97>

<https://github.com/GeekLiB/AR-Source>

<https://gold.xitu.io/post/5873afe12f301e00574eeb5d>(AR SDK)

管理员命令行

<http://www.howtogeek.com/194041/how-to-open-the-command-prompt-as-administrator-in-windows-8.1/>

插件化

<http://www.jianshu.com/p/c8c03bdd11e3>

http缓存

<https://mp.weixin.qq.com/s/qOMO0LIdA47j3RjhbCWUEQ>

推送的处理

<http://www.jianshu.com/p/6e768a4af538>

动态替换icon

<http://blog.csdn.net/cherry609195946/article/details/39553867>

<http://yifeng.studio/2016/12/30/android-change-app-launcher-icon-dynamically/>

Freeline

<http://yanhuili.github.io/2016/11/26/AndroidStudio%E2%80%94%E2%80%94Freeline%E6%8F%92%E4%BB%B6%E7%9A%84%E4%BD%BF%E7%94%A8/>

<https://www.freelinebuild.com/docs/zh_cn/###>

这交互炸啦

<https://github.com/githubwing/ZoomHeader>

<https://www.diycode.cc/topics/512>

<https://gold.xitu.io/post/585e20fe128fe1006dec278f>

<https://gold.xitu.io/post/586a62ee61ff4b0057876094>

画廊效果

[www.open-open.com/lib/view/open1462751945204.html](http://www.open-open.com/lib/view/open1462751945204.html)

Loading界面

<https://gold.xitu.io/post/583c242061ff4b006b59c7fb>

相册处理

<http://www.jianshu.com/p/f0b43be628cf>

<http://www.jianshu.com/p/f269bcda335f>

<http://www.cnblogs.com/android-zcq/p/5871289.html>

<http://blog.csdn.net/u010046908/article/details/50767904>

主题切换

<https://github.com/Bilibili/MagicaSakura>

浪~~~

<http://blog.csdn.net/u011507982/article/details/53414422>

<http://www.apkbus.com/forum.php?mod=viewthread&tid=267809&extra=page%3D47%26filter%3Dsortid%26orderby%3Ddateline%26sortid%3D12>

<http://www.jianshu.com/p/de127bdbed04>

热修复

<https://gold.xitu.io/post/584a70feac502e00691c4a07>

禁止屏幕休眠

<http://blog.csdn.net/chenyafei617/article/details/6575621>

点赞效果

<http://www.jianshu.com/p/6e5230503745>

<http://www.jianshu.com/p/79264882e934>

免费Api

<http://blog.csdn.net/sdjianfei/article/details/53157334>

剪贴板

<http://gold.xitu.io/post/582bbbccc4c97100543262fe>

阅读office

<http://yifeng.studio/2016/11/06/android-office-document-viewer/>

直播

<http://mp.weixin.qq.com/s?__biz=MzA3NTYzODYzMg==&mid=2653578065&idx=1&sn=1da088b11c797d2be7b5f7afb8f056bb&chksm=84b3b156b3c438401715dc40f7791010b11050983a67fa533a4b559cb67ea6d0ce1996970481&scene=4#wechat_redirect>

<https://github.com/LaiFeng-Android/SopCastComponent>

遮挡键盘处理

<http://www.diycode.cc/topics/383>

<http://fish119.site/2016/12/01/Android%E5%B0%8F%E6%8A%80%E5%B7%A7-Part-II/>

<https://github.com/MZCretin/PushHeadDemo>

<https://juejin.im/post/58d8ccb45c497d005702dae6>

https://github.com/CPPAlien/ChatKeyboard(键盘操作库)

动态更改viewpager高度

<http://www.jianshu.com/p/38d784d7aac1>

Pdf解析

<https://github.com/qiushi123/AndroidPdfViewDowload>

<https://github.com/delight-im/Android-AdvancedWebView>

<http://blog.csdn.net/qianxin2222/article/details/52288420>

版本更新

<https://github.com/AlexLiuSheng/CheckVersionLib>

<https://github.com/simplepeng/Updater>

<https://github.com/WVector/AppUpdateDemo(> ad)

https://mp.weixin.qq.com/s?\_\_biz=MzA5MzI3NjE2MA==&mid=2650239875&idx=1&sn=908d6e885333bf3015f6cf5ce10a3064&chksm=886382ecbf140bfaa0a3ac0ba9df878e4c647d32fd4ba7e9564e1ac6e749a50a47d9e0fdc3f2&mpshare=1&scene=1&srcid=0606hnwc6huOulRmau1mXNbR#rd(DownloadManager下载apk)

增量更新

<http://blog.csdn.net/dd864140130/article/details/52928419>

<http://www.jianshu.com/p/5bd5e472c945>

<http://blog.csdn.net/mynameishuangshuai/article/details/52744148>

<https://gold.xitu.io/post/57fba92abf22ec00649de645>

微信登录

<http://www.jianshu.com/p/d95e4343e231>

**相机**

<http://www.jianshu.com/p/0e12ad93e9d5>(bug)

<https://juejin.im/post/58d06dbb1b69e6006b8c1876>(处理拍照相关 全)

<http://01xs.cn/camera_android/>

<http://www.jianshu.com/p/a1eb3ad79ef6>(7.0FileProvider)

<https://github.com/wuhaoyu1990/MagicCamera>(各种效果 功能 美颜什么的)

Android 7.0适配

<http://www.jianshu.com/p/505dc193b586(Android7.0国际化适配)>

<http://www.cboy.me/2016/09/28/Android7.0%E9%80%82%E9%85%8D%E5%BF%83%E5%BE%97/>

<http://www.jianshu.com/p/5b0e0310d93f>

<https://mp.weixin.qq.com/s?__biz=MzA5MzI3NjE2MA==&mid=2650239036&idx=1&sn=cdde2a1f6125c8f3d780eff8c8e36076&chksm=88638153bf1408455d5c56f0778d40ba9d4448a1e68ef0bf889c4a99699353e3e4ad99f95398&scene=0#rd>

<https://juejin.im/post/58d24a9a0ce4630057e944e6>

Guava(Google 库)

<https://github.com/google/guava>

视频

<https://gold.xitu.io/post/58475f5da22b9d007aaad45c>(Bilibili开源)

<https://github.com/supercwn/SuperPlayer>

<https://github.com/waynell/VideoListPlayer>(列表视频)

<https://github.com/UC10D/SuperVideoPlayer>

<http://blog.csdn.net/github_35180164/article/details/53376923>

<http://mp.weixin.qq.com/s?__biz=MzI2OTQxMTM4OQ==&mid=2247484537&idx=1&sn=f6e1a9888fc88f54e9e5c294bc28a6d5&chksm=eae1f12bdd96783d08b55422f559a5baa1da9e9bd5653540e640d3d5c31d3edbfc7b8ceb4543#rd>(截取第一帧)

Vitamio

<http://blog.csdn.net/chaoyu168/article/details/51180095>

<http://www.jianshu.com/p/d50a67ba253c>

<http://blog.csdn.net/u010181592/article/details/49301703>

小程序

<http://gold.xitu.io/post/57e484f875c4cd2d9f345f8a>

<https://laravel-china.org/topics/2892>

<https://weui.io/>

<http://www.jianshu.com/p/9395b5d957c6>

项目：

<https://github.com/forezp/banya>(可以)

<http://gold.xitu.io/post/57e9e05467f3560057a9e0da>(新闻类--今日头条)

<http://ittiger.cn/%E5%9C%A8%E7%BA%BF%E8%A7%86%E9%A2%91%E6%92%AD%E6%94%BEApp%E7%9A%84%E5%AE%9E%E7%8E%B0.html>(视频)

<https://github.com/codeestX/GeekNews>(新闻类--RXJava+MVP+Dagger2+Retrofit)

<https://github.com/hefuyicoder/ZhihuDaily>(仿知乎)

<https://github.com/JustWayward/BookReader>(阅读类)

<https://github.com/harjot-oberai/MusicDNA>(音乐)

<https://github.com/ryanhoo/StylishMusicPlayer>(音乐)

<http://www.jianshu.com/p/ade24dd8cba6>(快速开发框架)

Dagger+MVP+Rxjava+Retrofit

<https://github.com/codeestX/GeekNews>

<https://github.com/JessYanCoding/MVPArms>

<https://github.com/JustWayward/BookReader>

6.环信

<http://blog.csdn.net/kangna923/article/details/51546165>

<http://ask.csdn.net/questions/235631>

<http://blog.csdn.net/zqbemail10/article/details/51659128>

<http://www.imgeek.org/article/825307856>

<http://www.imgeek.org/article/825307638>

<http://www.imgeek.org/question/8587>

12.各种单例

public enum Foo {

INSTANCE;

}

==等于

public class Foo {

private static final Foo INSTANCE = new Foo();

}

<http://www.jianshu.com/p/e84529b464d3>

1. butterknife

<http://jakewharton.github.io/butterknife/>

18.BOOTSTRAP文档

<http://bootstrap.evget.com/css.html#grid>

1. 各种加密算法

<http://blog.csdn.net/pengzp/article/details/6556674>

<https://mp.weixin.qq.com/s?__biz=MzA5MzI3NjE2MA==&mid=2650239103&idx=1&sn=b6a36fbcbafaf61ef9d82459f92a2984&chksm=88638110bf14080627c4a3a0309e74ba07460e754dddd97ed9c202cae96482e10d0d10318000&scene=0#rd>

20.正则表达式

<http://www.chinarobots.cn/XingYeDongTai/528.html>

21.Realm

<http://www.tuicool.com/articles/V7ZFvuB>

<https://realm.io/docs/java/latest/>

22.DbFlow

<https://github.com/Raizlabs/DBFlow>

23.Gradle

<http://wuxiaolong.me/2016/03/30/gradle4android1/#rd?sukey=3903d1d3b699c208399dd6922d8d126429f6bbe3ecc3cdefae675e3e0117f37a6f4756b0420fcc905fe27a35256f0104>

<https://segmentfault.com/a/1190000002439306>

<https://gold.xitu.io/post/5844c01fac502e006cd5f131>

<http://mp.weixin.qq.com/s?__biz=MzA5MzI3NjE2MA==&mid=2650240475&idx=1&sn=f707b13015ebbb10e80c78738462d12c&chksm=886384b4bf140da22053e5208a7a9666441919093cbbc15b0beffbcddc4ed852025ffa5c4142&scene=0#rd>(优化)

1. Android6.0权限异常

<http://blog.csdn.net/luoyanglizi/article/details/52412883>

<https://github.com/hongyangAndroid/MPermissions>

<http://m.blog.csdn.net/article/details?id=51511630>

26.RestfulApi

<http://www.ruanyifeng.com/blog/2014/05/restful_api.html>

27.长连接 心跳

<http://blog.csdn.net/sunmenggmail/article/details/12008075>

29.ScrollView嵌套ViewPager

<http://blog.csdn.net/kevin_1025745654/article/details/19398365>

1. WebView系列

<http://mp.weixin.qq.com/s?__biz=MzI3NDM3Mjg5NQ==&mid=2247483682&idx=1&sn=b1e03bfb789f75467c351a8ed7dfc156&scene=0#rd>

http://imtianx.cn/2017/06/17/webview\_chinese\_garbled/(中文乱码)

https://github.com/Justson/AgentWeb(封装webview)

http://www.jianshu.com/p/345f4d8a5cfa(Webview js交互)

<http://blog.csdn.net/qq_17766199/article/details/71698593(Webview)>

https://mp.weixin.qq.com/s?\_\_biz=MjM5NDkxMTgyNw==&mid=2653058849&idx=1&sn=04811dee3ae4201e1894591ac58347fd&chksm=bd56541d8a21dd0bbb0c28af2526339e669cf180aee8d8653d759ddcc79c5974aeba91a88ffc#rd(Webview js交互传对象 集合)

<https://juejin.im/post/59366700b123db0064396c1f(Webview缓存)>

<https://juejin.im/post/5924dbf58d6d810058fdde43(Webview)>

<http://www.jianshu.com/p/d2f5ae6b4927>

<http://mp.weixin.qq.com/s?__biz=MzIzMjE1Njg4Mw==&mid=2650117768&idx=1&sn=ac9e93c4606693fad751d45981dec09e#rd>

<http://geek.csdn.net/news/detail/65821>

<http://www.cnblogs.com/mengdd/archive/2013/03/02/2940185.html>

<http://blog.csdn.net/wu56yue/article/details/51236587>

<http://blog.csdn.net/moubenmao_jun/article/details/9076917>(cache)

<http://motalks.cn/2016/09/11/Android-WebView-JavaScript-3/>(cache)

<http://gold.xitu.io/post/57e33d142e958a00541befb2>(文件上传)

<https://github.com/delight-im/Android-AdvancedWebView>(4.4上传文件问题)

<http://blog.csdn.net/xiexie758/article/details/52446937>(4.4上传文件问题)

<http://yongyu.itscoder.com/2016/10/24/show_image_from_webView/#more>(webview中图片)

31.LayoutInflate.setFactory();改变字体样式，换肤等

<http://mp.weixin.qq.com/s?__biz=MzAxMTI4MTkwNQ==&mid=2650820263&idx=1&sn=f7cbcf70570decc064fa5f05531e2c5d&scene=0#wechat_redirect>

<https://github.com/ximsfei/Android-skin-support>(换肤)

32.ScrollView嵌套ListView

<http://www.tuicool.com/articles/FzmU32b>

<http://blog.csdn.net/hitlion2008/article/details/6737459>

<http://www.cnblogs.com/shortboy/archive/2013/04/08/3008710.html>

<http://www.jianshu.com/p/33c01c964007(嵌套Recyclerview)>

http://blog.csdn.net/u010623588/article/details/50262367(嵌套Recyclerview)

34.Lambda

<http://www.imooc.com/article/9303>

1. Retrofit系列

<http://mp.weixin.qq.com/s?__biz=MzI4MzE2MTQ5Mw==&mid=2649752178&idx=1&sn=0f1d0836ce04ed12fafc89b464c2a131#rd>

<https://futurestud.io/blog/retrofit-getting-started-and-android-client>

<https://futurestud.io/blog/android-basic-authentication-with-retrofit(重点)>

<http://mp.weixin.qq.com/s?__biz=MzA3NTYzODYzMg==&mid=2653577186&idx=1&sn=1a5f6369faeb22b4b68ea39f25020d28&scene=1&srcid=06039K4A2eGkHPxLbKED09Mk#wechat_redirect>

<http://m.blog.csdn.net/article/details?id=51735965>(全)

<https://gold.xitu.io/post/585c9245128fe10069c86c9a>(封装)

<http://blog.csdn.net/wuyinlei/article/details/57087872(okHttp拦截器)>

1. Rxjava系列

<https://github.com/sungerk/RxCache/blob/master/README_ZH.md>(rxcache)

<https://gold.xitu.io/post/58726f3ada2f6028b45629e8>(rxcache)

[http://blog.csdn.net/maplejaw\_/article/details/52442065(](http://blog.csdn.net/maplejaw_/article/details/52442065---->2.x)2.x)

<http://www.open-open.com/lib/view/open1481699983419.html(Rxjava2改动)>

<http://www.jianshu.com/p/48442ac68d59(绑定生命周期)>

<http://tech.dianwoda.com/2016/11/17/rxjava-error-handling/?utm_source=tuicool&utm_medium=referral>(异常处理)

<http://gank.io/post/560e15be2dca930e00da1083(入门)>

<https://segmentfault.com/a/1190000004077117?_ea=496957(同↑)>

<http://www.qingpingshan.com/rjbc/java/49285.html(retrywhen操作符)>

<http://www.baidu.com/link?url=suD736_WyPyNRj_CEcdo13xOXU-p3YAxtU7lmWJXT7sQbLYtNd5qvereiVGVyU-cbV3FZYCtmgFraO42yldSB_&wd=&eqid=b8039a74004772cc000000035728038f(compose操作符)>

<http://www.jianshu.com/p/ab70e9286b8b(三级缓存)>

<https://wingjay.com/2016/04/13/%E5%B8%A6%E4%BD%A0%E5%AD%A6%E5%BC%80%E6%BA%90%E9%A1%B9%E7%9B%AE%EF%BC%9AMeizhi-Android%E4%B9%8BRxJava-Retrofit%E6%9C%80%E4%BD%B3%E5%AE%9E%E8%B7%B5/(实践应用)>

<http://blog.csdn.net/wangkai0681080/article/details/50772721(doOnNext)>

<http://www.jianshu.com/p/abced47815d9(single)>

<http://www.jianshu.com/p/ca090f6e2fe2(Rxbus)>

1. GIT

<http://www.ruanyifeng.com/blog/2015/12/git-cheat-sheet.html>

1. Dagger2系列

<http://www.jianshu.com/p/cd2c1c9f68d4>

<http://www.jianshu.com/p/c2feb21064bb>

<http://www.tuicool.com/articles/YVnIjeE>

目标类想要初始化自己依赖的其他类：

用Inject注解标注目标类中其他类

用Inject注解标注其他类的构造函数

若其他类还依赖于其他的类，则重复进行上面2个步骤

调用Component（注入器）的injectXXX（Object）方法开始注入（injectXXX方法名字是官方推荐的名字,以inject开始）

Component现在是一个注入器，

就像注射器一样，Component会把目标类依赖的实例注入到目标类中，来初始化目标类中的依赖。

40.硬盘缓存

<http://blog.csdn.net/yangzhaomuma/article/details/51810723>

1. BUG

<http://gold.xitu.io/post/58319f1ada2f600063006541>(疑难杂症)

https://juejin.im/post/5960c81a6fb9a06bc903b270(tips)

<http://droidyue.com/blog/2017/04/09/error-prone-tool-for-java-and-android/>(调试bug)

<http://blog.csdn.net/u010350809/article/details/50726032>

<http://blog.csdn.net/LABLENET/article/details/52606480>

<http://blog.csdn.net/u011240877/article/details/50778254>

http://www.cnblogs.com/kangping/p/6202224.html(Fildder bug)

<http://www.jianshu.com/p/c5db81cbc438?utm_campaign=haruki&utm_content=note&utm_medium=reader_share&utm_source=qq>

<http://blog.csdn.net/yanzhenjie1003/article/details/51818269>(解决Android Dex 65536 64k)

appManifestmerge

检查清单文件是否有错误

sdk版本

useOldManifest =true

application 节点下

tools:replace="name,icon,label,theme"

android .application not found

<http://blog.csdn.net/denglihua90/article/details/50009495>

在为项目配置multidexing 的时候，你可能会在运行的时候

看到java.lang.NoClassDefFoundError

<http://www.jcodecraeer.com/a/anzhuokaifa/androidkaifa/2015/1223/3796.html>

<http://mp.weixin.qq.com/s?__biz=MzIwNjQ1NzQxNA==&mid=2247483658&idx=1&sn=451a063ef5bf3f3689e5af6153762fcd&scene=1&srcid=081912jNN9TJLf5BeZgdjTvl#rd>

Android4.4系统以下导入jar包导致NoClassDefFoundError问题

实际上是分包64k问题https://developer.android.com/studio/build/multidex.html

1. 面试嘎嘎地

<http://blog.csdn.net/crazy_yyyyy/article/details/51318092(EventBus与BrocardReceive)>

https://juejin.im/post/595daf9951882568b13c2a0e(面试视频)

<http://www.jianshu.com/p/4ee3fd07da14（Binder>）

<http://www.cnblogs.com/android-blogs/p/5778997.html（why> 65535）

http://blog.csdn.net/lmj623565791/article/details/46858663(ViewDragHelper)

<https://mp.weixin.qq.com/s?__biz=MzIwMzYwMTk1NA==&mid=2247484662&idx=1&sn=7b8a8831b37975936a9ea95c7a54d52a&chksm=96cda5bba1ba2cad32081316ad0771aab42fa64782f7b2c726acc2bb5809fb04f4ef7088ab29&mpshare=1&scene=23&srcid=0527RJ2k4z4mAQyPQqhbtYIG#rd(滑动冲突)>

Picasso，Glide，Fresco对比

http://blog.csdn.net/github\_33304260/article/details/70213300

http://www.jianshu.com/p/ca5ce4444c37#

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http://www.jianshu.com/p/b7cef3b3e703(触控机制)

<http://geek.csdn.net/news/detail/193654(GC原理探究)>

https://juejin.im/post/58e51175a0bb9f006904bd09(String )

<http://blog.csdn.net/codeemperor/article/details/51004189>

<http://www.jianshu.com/p/1eaab1e43681>

<https://github.com/Idtk/Blog/blob/master/Blog/RecyclerView.Recycler.md>(RecyclerView缓存)

<http://blog.csdn.net/xiaohanluo/article/details/53215864>(Activity)

<https://github.com/GcsSloop/AndroidNote/tree/master/CustomView>(自定义view)

<http://blog.csdn.net/yanbober/article/details/50419117>(Android坐标系)

<https://github.com/GeniusVJR/LearningNotes>

<http://blog.csdn.net/vfush/article/details/51489504(ListView)>

<http://blog.csdn.net/dnnis/article/details/52287882>

<http://blog.csdn.net/lmj623565791/article/details/38377229/>(handler)

<http://www.cnblogs.com/eniac12/p/5240100.html>(内部类访问final修饰的局部变量)

<http://blog.csdn.net/it_man/article/details/7193727>(线程池)

<http://blog.csdn.net/young21234/article/details/52689560>(bitmap)

<https://gold.xitu.io/post/58a6c38861ff4b0062ae4c25>

<http://mp.weixin.qq.com/s?__biz=MzI0MjE3OTYwMg==&mid=2649548612&idx=1&sn=8e46b6dd47bd8577a5f7098aa0889098&chksm=f1180c39c66f852fd955a29a9cb4ffa9dc4d528cab524059bcabaf37954fa3f04bc52c41dae8&scene=21#wechat_redirect>(比较全)

<http://blog.csdn.net/dd864140130/article/details/55833087>

<http://blog.csdn.net/u012489412/article/details/53745110>（一个activity跳转）

<http://blog.csdn.net/ryantang03/article/details/7749108>（横竖屏）

<http://www.jianshu.com/p/8650b3878722>(有个反编译)

<https://juejin.im/post/58e57059ac502e4957a8a544>(反编译)

在多进程中，Application会启动几次(一个进程一次)

在子线程中更新UI

我们在一开始的时候就注意到在onCreate中是可以进行子线程UI更新操作的，而在OnResume中是不可以的，我们当时猜测是因为在onResume中ViewRootImpl已经创建初始化完成了，所以能够进行checkThread检查

http://www.jianshu.com/p/2f61cafdb192(Retrofit源码解析)

http://www.jcodecraeer.com/a/anzhuokaifa/androidkaifa/2015/0326/2643.html(OkHttp源码)

http://www.jianshu.com/p/eef7fa8136e7(Dagger2源码解析)

http://www.jcodecraeer.com/a/anzhuokaifa/androidkaifa/2015/0519/2892.html(同上)

https://yq.aliyun.com/tags/type\_blog-tagid\_1199/?spm=5176.100239.blogcont4201.4.UsUNW6(Rxjava源码)

http://blog.csdn.net/fyfcauc/article/details/52191681(Rxcache源码)

http://blog.csdn.net/u011153817/article/details/51023883(Glide源码)

http://www.jianshu.com/p/bda4ed3017ba(EventBus源码)

http://blog.csdn.net/qq\_23547831/article/details/50936584(HandlerThread)

https://juejin.im/post/591e6ee30ce4630069327fba(IntentService)

<https://zhidao.baidu.com/question/684799064977273252.html(下拉刷新)>

<http://blog.csdn.net/weijianfeng1990912/article/details/66475978>(ARouter源码)

<https://mp.weixin.qq.com/s?__biz=MzIwMzYwMTk1NA==&mid=2247485517&idx=1&sn=b78010412e1f863f452e194824ed4308&chksm=96cda900a1ba20161c7927a64b6724d292342a46ba817cf1bb17345091eddbbe4e8b1699e39d#rd>(LeakCanary原理)

53.唯一ID

<http://blog.csdn.net/dai_zhenliang/article/details/8634042>

<https://linkaipeng.com/2017/03/29/%E9%9D%A0%E8%B0%B1%E7%9A%84%20Android%20%E5%94%AF%E4%B8%80%E8%AE%BE%E5%A4%87%E5%8F%B7%E7%94%9F%E6%88%90%E6%96%B9%E6%A1%88/>

57.黑科技

<http://www.jianshu.com/p/bc8f6bfe12c6?>(As操作)

<http://www.jianshu.com/p/cb2deed0f2d8(进程保活)>

<http://www.jianshu.com/p/2ad105f54d07(hook)>

<http://www.jianshu.com/p/8f9b44302139>

Proguard

<http://blog.csdn.net/ljd2038/article/details/51308768#reply>

<https://juejin.im/post/596eae75518825413c1f1bfa>

进程常驻

<https://github.com/Marswin/MarsDaemon>

<http://blog.csdn.net/marswin89/article/details/50917098>

<http://geek.csdn.net/news/detail/95035>

<http://mp.weixin.qq.com/s?__biz=MzA3NTYzODYzMg==&mid=2653577617&idx=1&sn=623256a2ff94641036a6c9eea17baab8&scene=1&srcid=0818EecQYYkaSkd5HD8WjDf8#rd>

QR\_Code

<https://github.com/maning0303/ZXingCodeDemo>

<https://github.com/bingoogolapple/BGAQRCode-Android>(吊一点)