我是标题

**Kotlin**

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

<https://juejin.im/post/5ad41b0d6fb9a028c8135227>(泛型)

<http://blog.csdn.net/u013064109/article/details/78786646#1>(有用)

**VR**

<https://juejin.im/post/58631739128fe10069edc386(VR360全景图片)>

<https://juejin.im/post/586463f0128fe1006bca479b（VR360全景视频）>

<https://juejin.im/post/58a67ce5570c35006997838e（Google> VR）

<https://github.com/GeekLiB/Lee-VR-Source(VR> Resourse)

**没事看看系列**

<https://github.com/codezjx/AndLinker(IPC开源库)>

http://www.wanandroid.com/blog/show/2113(多渠道打包-腾讯开源)

http://www.ruanyifeng.com/blog/2016/09/react-technology-stack.html(React全家桶)

<https://juejin.im/post/5a936c5a6fb9a0633229ca74(7.0源码分析)>

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<https://www.oschina.net/translate/25-new-android-libraries-and-projects-2018(2018开源库)>

<https://github.com/nanchen2251/StudyForAndroid(库)>

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

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

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

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

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

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

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<https://juejin.im/post/5a7ab8846fb9a0634514a2f5>(组件化开源库对比)

<https://juejin.im/post/5a1cc83551882503eb4b0334(组件化)>

<http://blog.csdn.net/guiying712/article/details/55213884(组件化)>

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<https://juejin.im/post/5a28b2d0f265da431c703153（Drawable）>

<http://blog.csdn.net/baidu_33221362/article/details/70217265(layer-list>表格)

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

<https://github.com/Tencent/VasSonic(TX开源的H5加载)>

<https://www.ibm.com/developerworks/cn/java/j-lo-java8streamapi/>(java8 Stream)

**杂七杂八**

<https://juejin.im/post/5a52023b6fb9a01c9c1ed937(状态栏)>

<https://www.jianshu.com/p/332525b09a88>(美团打包)

<https://www.jianshu.com/p/607ff4e79a13>(反射)

<https://github.com/AbrahamCaiJin/CommonUtilLibrary>(tools)

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

[http://www.jianshu.com/p/cfc2a200e46d](http://www.jianshu.com/p/cfc2a200e46d(jibuqi)（计步器）

<https://zhuanlan.zhihu.com/p/28612031(微信浏览器限制直接拉起app)>

<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)>

<http://jingyan.baidu.com/article/f96699bb8b38e0894e3c1bef.html>(环境变量)

<http://apk-deguard.com/>(反编译)

<http://gityuan.com/>(NICE)

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

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

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

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

<http://blog.csdn.net/wl9739/article/details/52444671(指纹解锁)>

<http://dev.qq.com/topic/57875330c9da73584b025873(自定义锁屏页)>

<https://www.jianshu.com/p/bd1be47a16c1>(Cookie、Session、Token)

<https://www.jianshu.com/p/5c9f1e8894ec(AOP)>

**动画类**

<https://juejin.im/post/5a31ea836fb9a0451705367c(Lottie)>

<https://juejin.im/post/5a30a2d9f265da430e4f250d(Lottie自己制作)>

<https://www.lottiefiles.com/(Lottie动画网站)>

<https://juejin.im/post/5acc4162f265da23826e4dc0(Lottie> editor)

<https://juejin.im/post/58f9c88ada2f60005db05624>(Transition)

<http://rkhcy.github.io/2017/09/21/TransitionNote/>(Transition)

<https://github.com/ImmortalZ/TransitionHelper>(Transition动画库)

<https://github.com/XunMengWinter/CircularAnim>(扩散动画)

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

<https://github.com/81813780/AVLoadingIndicatorView>(loading)

<https://github.com/ybq/Android-SpinKit>(loading)

<https://mp.weixin.qq.com/s/wNQZbhL6nMzCiqGUikK2FQ>(模仿懂球帝动画)

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

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

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

**UI功能类**

https://juejin.im/post/5a255d94f265da430e4f0066（仿知乎广告逐渐显示）

[https://juejin.im/post/5a1bde0451882535cd4a8e5c（日期选择）](https://juejin.im/post/5a1bde0451882535cd4a8e5c（日期）)

https://github.com/KCrason/HighPerformanceFriendsCircle(微信朋友圈)

https://github.com/rubensousa/PreviewSeekBar（预览SeekBar）

<https://github.com/zhouchaoyuan/excelPanel(二维滑动列表)>

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

https://github.com/ysnows/DoubleScrollVIew(弹性Scroll详情页)

http://www.jianshu.com/p/baf143364e04（尺子）

http://www.jianshu.com/p/41b4b749ac28（京东分类）

http://blog.csdn.net/mingyunxiaohai/article/details/52893695（京东删选）

http://www.jianshu.com/p/e4c972ca6c94（京东删选）

<http://www.jianshu.com/p/28b7082b7563（填空题）>

<https://github.com/iwgang/CountdownView(倒计时控件)>

https://github.com/iwgang/CountdownView(列表中倒计时实现)

<http://www.jianshu.com/p/2d3537101281(加载> 错误 ....状态页面)

https://juejin.im/post/59b15deff265da2494125a24(对话框大全)

<http://www.jianshu.com/p/adfab8201660（360度全景图片）>

https://mp.weixin.qq.com/s/EmHVZwTEOpal6QgdRWlEHA(span)

<https://juejin.im/post/59a75a50518825241e22394d(图文混排)>

<http://www.jianshu.com/p/72d31b7da85b>(图文混排)

https://juejin.im/post/597a96a65188253dfb7b1286(Activity相关)

[https://github.com/scwang90/SmartRefreshLayout(下拉刷新最近较火)](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://www.jianshu.com/p/799dbb86f908(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://pingguohe.net/2017/03/03/vlayout-guide-1.html>(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/1d2dcbc1e0f2>(新手引导页)

https://github.com/worker8/TourGuide(新手引导页)

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

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

<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://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>(筛选京东)

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

<http://www.jianshu.com/p/b4d5a307f793>(状态栏)

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

Fragment

[http://blog.csdn.net/u011240877/article/details/78132990（基础](http://blog.csdn.net/u011240877/article/details/78132990（dgshj)）

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

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

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

[http://www.cnblogs.com/dasusu/p/6745032.html](http://www.cnblogs.com/dasusu/p/6745032.html（lanjizai)(懒加载)

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

MaterialDesign

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

<https://www.jianshu.com/p/b987fad8fcb4>（自定义Behavior）

<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://juejin.im/post/5adc46076fb9a07acb3c743b(SearchView)

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

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

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

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

<http://wuxiaolong.me/2015/11/06/DesignSupportLibrary/>(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://juejin.im/post/59913263f265da3e331cde55(BRVAH)

<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)

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

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

https://juejin.im/post/5995ba616fb9a024747ed8e8(DiffUtil)

<http://www.jianshu.com/p/b987fad8fcb4(CoordinatorLayout> 自定义)

http://www.jianshu.com/p/640f4ef05fb2(CoordinatorLayout)

<http://blog.csdn.net/amazing7/article/details/51918623>(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/pedant/sweet-alert-dialog>

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

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

**图片处理**

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

<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/qq\_34329508/article/details/73481238(控制GIF播放停止)

[https://juejin.im/post/59cf0f9e6fb9a00a4b0c73d4(相关](https://juejin.im/post/59cf0f9e6fb9a00a4b0c73d4(xiangguanpeizhi)配置)

http://blog.csdn.net/u013005791/article/details/74532091(新版本使用)

<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**

<http://www.jianshu.com/p/c97639279d2e>(微信支付)

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

<http://blog.csdn.net/u013003052/article/details/51838224>(支付宝)

<http://www.jianshu.com/p/2aa2e8748476>(支付宝)

<https://blog.csdn.net/chentravelling/article/details/51333289Jenkins>(银联支付)

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

**性能优化**

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

<https://juejin.im/post/5ad2bfaf51882555867fdd09>(屎上最全)

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

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

<https://mp.weixin.qq.com/s?__biz=MzI2OTQxMTM4OQ==&mid=2247486008&idx=1&sn=a95324bc8a3bf29727b7b2792391bc6d&chksm=eae1ff6add96767cf76bc3e9e257d05f0a01bc4550335af9a5a46e5e0fe3944fc97e9973dfd7&scene=0#rd>

<https://www.jianshu.com/p/85f49e1ff813(内存优化)>

<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)>

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

**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)

**NDK**

<http://www.jianshu.com/p/b4a4cd12d528>(AS2.3 CMake 方式)

<https://juejin.im/post/5ad2e9876fb9a028b77b41d9>(JNI压缩图片)

<https://www.jianshu.com/p/6f650481dde0>(串口)

<https://mp.weixin.qq.com/s?__biz=MzI2OTQxMTM4OQ==&mid=2247485952&idx=1&sn=0be3f35421a230c7eb306a0871b9cea9&chksm=eae1ff52dd9676446df2ae2ca0a8135f740a3406c98623d8e7c99a0e2977382828de2c1c51e7&scene=0#rd>(NDK开发才是精华特色)

https://juejin.im/post/5a449b1a6fb9a045055e6eff(使用)

https://juejin.im/post/5a4a224bf265da4321546458(生成·JAR包)

<http://blog.csdn.net/s402178946/article/details/54140271>（CMaleLists）

<http://blog.csdn.net/b2259909/article/details/58591898>(生成多个.so文件和指定生成目录)

<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/>（ndk-build方式）

<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**

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

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

插件化

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

<https://www.jianshu.com/p/ac0082e4b930>

http缓存

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

推送的处理

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

<http://www.jianshu.com/p/011d9c0994a8(MixPush)>

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/>

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>

<https://gold.xitu.io/post/583c242061ff4b006b59c7fb>(界面状态)

相册处理

<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/79264882e934>

<http://www.jianshu.com/p/818116513dc3>

<http://gold.xitu.io/post/582bbbccc4c97100543262fe>(剪贴板)

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>

<http://blog.csdn.net/l540675759/article/details/74528641>

<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>

<http://www.jianshu.com/p/3f57d640b24d>（TBS 全套解析）

版本更新

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

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

<https://juejin.im/post/5ad4ab7af265da239d49c8f9>(适配6~8)

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

<https://www.jianshu.com/p/b669940c9f3e>

<http://blog.csdn.net/cfy137000/article/details/70257912>(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**

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

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

<http://www.jianshu.com/p/73fed068a795>(Carema2)

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

<https://blog.csdn.net/guolin_blog/article/details/79854070>

<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://blog.csdn.net/Chay_Chan/article/details/57083383>

视频

<http://blog.csdn.net/cjm2484836553/article/details/78420172（节操播放器相关问题）>

<https://github.com/pili-engineering/PLDroidPlayer>（库）

<http://blog.csdn.net/charleslei/article/details/48720435(M3u8视频缓存)>

<http://www.jianshu.com/p/70530cd875ee>(同上)

<https://juejin.im/post/599febb6f265da248b04df5d>(音视频库)

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

<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)

项目：

<https://github.com/forezp/banya>(可以)

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

https://github.com/myxh/CoolShopping(商城)

https://github.com/chaychan/TouTiao(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)

https://mp.weixin.qq.com/s?\_\_biz=MzAxMTI4MTkwNQ==&mid=2650824532&idx=1&sn=713e08c3ad517c0b2f5e79e2f6339e6e&chksm=80b78bcab7c002dc14f63540b0a643ba8a3ad14022c35e66a83e9f91dc1411f702cb6d80c7d8&scene=0&pass\_ticket=ZeP4VvKwFs%2BWaI6%2FH7r60rFhyXZAEMZV4nRC6KS1yOiuBVWBoupbsfcL5GNP7zk%2B#rd

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. 各种加密算法

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

<https://blog.csdn.net/chay_chan/article/details/58605605>

<https://realm.io/docs/java/latest/>(Realm)

23.Gradle

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

<https://mp.weixin.qq.com/s/hCXLz-9BnAOGWyZ2eRikKg>

https://juejin.im/post/5acd6daaf265da238a30ca73

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

<http://blog.csdn.net/sunmenggmail/article/details/12008075>(长连接 心跳)

1. WebView系列

<https://www.jianshu.com/p/2b2e5d417e10(奇淫技巧)>

http://tutorials.jenkov.com/android/android-web-apps-using-android-webview.html#caching-web-resources-in-the-android-device

<http://imtianx.cn/2017/06/17/webview_chinese_garbled/(中文乱码)>

<https://juejin.im/post/5a016e8d518825295f5d57a4(截图)>

https://juejin.im/post/5a0171436fb9a044fc442561（拦截ajax请求）

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://juejin.im/post/59db0e715188257e7a42c9a0(全局替换字体)

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

1. Retrofit系列

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

<https://www.jianshu.com/p/73216939806a(注解)>

<https://juejin.im/post/5acac7375188255c93239124(使用详细)>

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

1. Rxjava系列

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

https://www.jianshu.com/p/cd984dd5aae8(操作符详解)

https://juejin.im/post/5a1e0e4051882512a8610fcf（Rxjava操作符详解）

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

https://juejin.im/post/5afaa4726fb9a07ab458c732(应用)

[http://gank.io/post/560e15be2dca930e00da1083(](http://gank.io/post/560e15be2dca930e00da1083(入门))[扔物线](https://github.com/rengwuxian" \t "http://gank.io/post/_blank)[)](http://gank.io/post/560e15be2dca930e00da1083(入门))

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

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

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

1. Dagger2系列

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

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

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

<http://www.jianshu.com/p/39d1df6c877d(important)>

<http://www.jcodecraeer.com/a/anzhuokaifa/androidkaifa/2015/0519/2892.html>

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。

1. BUG

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

<https://juejin.im/post/5844c01fac502e006cd5f131(疑难杂症)>

[https://www.jianshu.com/p/6450b0da5876(冷门知识)](https://www.jianshu.com/p/6450b0da5876(疑难杂症-鸡排))

https://www.jianshu.com/p/a3460500a8bb(.so冲突)

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

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

https://blog.csdn.net/qq\_17766199/article/details/52661363

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

1. 面试嘎嘎地

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

<http://blog.csdn.net/frances_han/article/details/6458067（二分查找时间复杂度）>

http://blog.csdn.net/sh\_frankie/article/details/48579191（判断链表是否有环）

<http://www.jianshu.com/p/185e1ee9f05b(复杂Gson)>

https://juejin.im/post/598f00da51882548630c0eab

<http://www.jianshu.com/p/ca3d87a4cdf3（广播）>

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

https://juejin.im/post/598ba1d06fb9a03c4d6464ab(TCP/IP)

<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)

[http://www.jianshu.com/p/982a83271327(滑动冲突)](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))

<https://juejin.im/post/5af82f416fb9a07ac76ee937(JVM> ART Dalvik)

http://blog.csdn.net/luoshengyang/article/details/6689748（Android应用启动流程）

<http://www.jianshu.com/p/b5ba11275a6d（全）>

<https://mp.weixin.qq.com/s?__biz=MzI2OTQxMTM4OQ==&mid=2247485833&idx=1&sn=6c5b61da38c2b025926e18d42a97035b&chksm=eae1fcdbdd9675cd31f61bb299d2c850aade65277fcfa4d251aa7d111a5f48c8fb5cdd4a390f&scene=0#rd(zhiliang)>

<https://mp.weixin.qq.com/s?__biz=MzAxMTI4MTkwNQ==&mid=2650825102&idx=1&sn=4cc793e81189c68f664327038f878944&chksm=80b7b510b7c03c06aa3fe1f0984d77990bbe757ef7cb85e3a111aaaedd1d7e7671edf929b451&scene=0#rd>(嘎嘎地)

1.<? extends T>是T的某一种子类的意思，不可能通过 add（）来加入元素。因为<? extends T>是T的某种子类，能放入子类的容器不一定放入超类，也就是没可能放入T。

2.<? super T>以T类为下限的某种类，简单地说就是T类的超类。能放入某一类的容器一定可以放入其子类。

extends 可用于的返回类型限定，不能用于参数类型限定。

super 可用于参数类型限定，不能用于返回类型限定。

代理模式作用：**为其他对象提供一种代理以控制对这个对象的访问。**

而代理对象可以在客户端和目标对象之间起到中介的作用。

Picasso，Glide，Fresco对比

<http://blog.csdn.net/github_33304260/article/details/70213300>

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

--------------------------------------------------------------

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://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://geek.csdn.net/news/detail/229157(6种view滑动方法)

<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>(View详解)

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

<http://blog.csdn.net/qian520ao/article/details/78262289>(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)

<http://blog.csdn.net/leehong2005/article/details/9128501>(数据库升级)

<https://gold.xitu.io/post/58a6c38861ff4b0062ae4c25>（还可以）

<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>（java）

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

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

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

onStart与onResume区别：onStart看见界面 onResume可以交互

<https://juejin.im/post/5a1d4e546fb9a0450f21af23(Http> cache)

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)

http://wingjay.com/2017/05/14/dig\_into\_leakcanary/(LeakCanary原理)

57.黑科技

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

<http://www.jianshu.com/p/8f9b44302139>(应用卸载反馈)

进程保活

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

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

[http://www.jianshu.com/p/cb2deed0f2d8](http://www.jianshu.com/p/cb2deed0f2d8(进程保活))

QR\_Code

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

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