##### 项目架构：MVC

##### 网络请求：Retrofit（okhttp）

|  |  |
| --- | --- |
| GitHub | <https://github.com/square/retrofit> |
| Grade | compile ‘com.squareup.retrofit2:retrofit:2.3.0’ |
| 混淆 | -dontwarn okio.\*\*  -dontwarn javax.annotation.\*\* |

##### 图片框架：Glide

|  |  |
| --- | --- |
| GitHub | <https://github.com/bumptech/glide> |
| Grade | compile ‘com.github.bumptech.glide:glide:4.2.0’  annotationProcessor ‘com.github.bumptech.glide:compiler:4.2.0’ |
| 混淆 | -keep public class \* implements com.bumptech.glide.module.GlideModule  -keep public class \* extends com.bumptech.glide.module.AppGlideModule  -keep public enum com.bumptech.glide.load.resource.bitmap.ImageHeaderParser$\*\* {  \*\*[] $VALUES;  public \*;  }  # for DexGuard only  -keepresourcexmlelements manifest/application/meta-data@value=GlideModule |

##### json框架：Gson

|  |  |
| --- | --- |
| GitHub | <https://github.com/google/gson> |
| Grade | compile ‘com.google.code.gson:gson:2.8.2’ |
| 混淆 |  |

##### 大图处理框架：Subsampling Scale Image View

|  |  |
| --- | --- |
| GitHub | <https://github.com/davemorrissey/subsampling-scale-image-view> |
| Grade |  |
| 混淆 |  |

##### 文件下载框架：FileDownloader

|  |  |
| --- | --- |
| GitHub | <https://github.com/lingochamp/FileDownloader> |
| Grade | compile ‘com.liulishuo.filedownloader:library:1.6.7’ |
| 混淆 |  |

##### 动画库：NineOldAndroids

|  |  |
| --- | --- |
| GitHub | <https://github.com/JakeWharton/NineOldAndroids> |
| Grade |  |
| 混淆 |  |

##### 下拉框架：SmartRefreshLayout

|  |  |
| --- | --- |
| GitHub | <https://github.com/scwang90/SmartRefreshLayout> |
| Grade | compile ‘com.android.support:design:25.3.1’//版本随意（非必须，引用可以解决无法预览问题）  compile ‘com.android.support:appcompat-v7:25.3.1’//版本随意（必须）  compile ‘com.scwang.smartrefresh:SmartRefreshLayout:1.0.3’  compile ‘com.scwang.smartrefresh:SmartRefreshHeader:1.0.3’//没有使用特殊Header，可以不加这行  //新版本预览版-可能不稳定  compile ‘com.scwang.smartrefresh:SmartRefreshLayout:1.0.4-alpha-5’  compile ‘com.scwang.smartrefresh:SmartRefreshHeader:1.0.4-alpha-5’ |
| 混淆 | 无 |

##### 二维码框架（扫描、创建、识别）：zxing

|  |  |
| --- | --- |
| GitHub | <https://github.com/zxing/zxing> |
| Grade | compile 'com.google.zxing:core:3.3.0' |
| Jar包下载 | <http://repo1.maven.org/maven2/com/google/zxing/> |
| 混淆 |  |

##### RxJava

|  |  |
| --- | --- |
| GitHub | <https://github.com/ReactiveX/RxJava> |
| grade | compile “io.reactivex.rxjava2:rxjava:2.x.y” |
| 混淆 |  |

##### RxAndroid

|  |  |
| --- | --- |
| GitHub | <https://github.com/ReactiveX/RxAndroid> |
| grade | compile ‘io.reactivex.rxjava2:rxandroid:2.0.1’ |
| 混淆 |  |

##### Rxlifecycle

|  |  |
| --- | --- |
| GitHub | <https://github.com/trello/RxLifecycle> |
| grade | compile ‘com.trello.rxlifecycle2:rxlifecycle:2.2.0’  // If you want to bind to Android-specific lifecycles  compile ‘com.trello.rxlifecycle2:rxlifecycle-android:2.2.0’  // If you want pre-written Activities and Fragments you can subclass as providers  compile ‘com.trello.rxlifecycle2:rxlifecycle-components:2.2.0’  // If you want pre-written support preference Fragments you can subclass as providers  compile ‘com.trello.rxlifecycle2:rxlifecycle-components-preference:2.2.0’  // If you want to use Navi for providers  compile ‘com.trello.rxlifecycle2:rxlifecycle-navi:2.2.0’  // If you want to use Android Lifecycle for providers  compile ‘com.trello.rxlifecycle2:rxlifecycle-android-lifecycle:2.2.0’  // If you want to use Kotlin syntax  compile ‘com.trello.rxlifecycle2:rxlifecycle-kotlin:2.2.0’  // If you want to use Kotlin syntax with Android Lifecycle  compile ‘com.trello.rxlifecycle2:rxlifecycle-android-lifecycle-kotlin:2.2.0’ |
| 混淆 |  |

##### RxBinding

|  |  |
| --- | --- |
| GitHub | <https://github.com/JakeWharton/RxBinding> |
| grade | Platform bindings:  compile ‘com.jakewharton.rxbinding2:rxbinding:2.0.0’  ‘support-v4’ library bindings:  compile ‘com.jakewharton.rxbinding2:rxbinding-support-v4:2.0.0’  ‘appcompat-v7’ library bindings:  compile ‘com.jakewharton.rxbinding2:rxbinding-appcompat-v7:2.0.0’  ‘design’ library bindings:  compile ‘com.jakewharton.rxbinding2:rxbinding-design:2.0.0’  ‘recyclerview-v7’ library bindings:  compile ‘com.jakewharton.rxbinding2:rxbinding-recyclerview-v7:2.0.0’  ‘leanback-v17’ library bindings:  compile ‘com.jakewharton.rxbinding2:rxbinding-leanback-v17:2.0.0’ |
| 混淆 |  |

##### Retrolambda

|  |  |
| --- | --- |
| GitHub | <https://github.com/evant/gradle-retrolambda> |
| grade |  |
| 混淆 |  |

##### 其它：BottomSheet

##### 视图注入框架：Butter Knife

|  |  |
| --- | --- |
| GitHub | <https://github.com/JakeWharton/butterknife>  <http://jakewharton.github.io/butterknife/> |
| grade | dependencies {  compile 'com.jakewharton:butterknife:8.8.1'  annotationProcessor 'com.jakewharton:butterknife-compiler:8.8.1'  } |
| 混淆 |  |

##### 事件总线框架：EventBus

|  |  |
| --- | --- |
| GitHub | <https://github.com/greenrobot/EventBus> |
| grade | compile 'org.greenrobot:eventbus:3.0.0' |
| 混淆 |  |