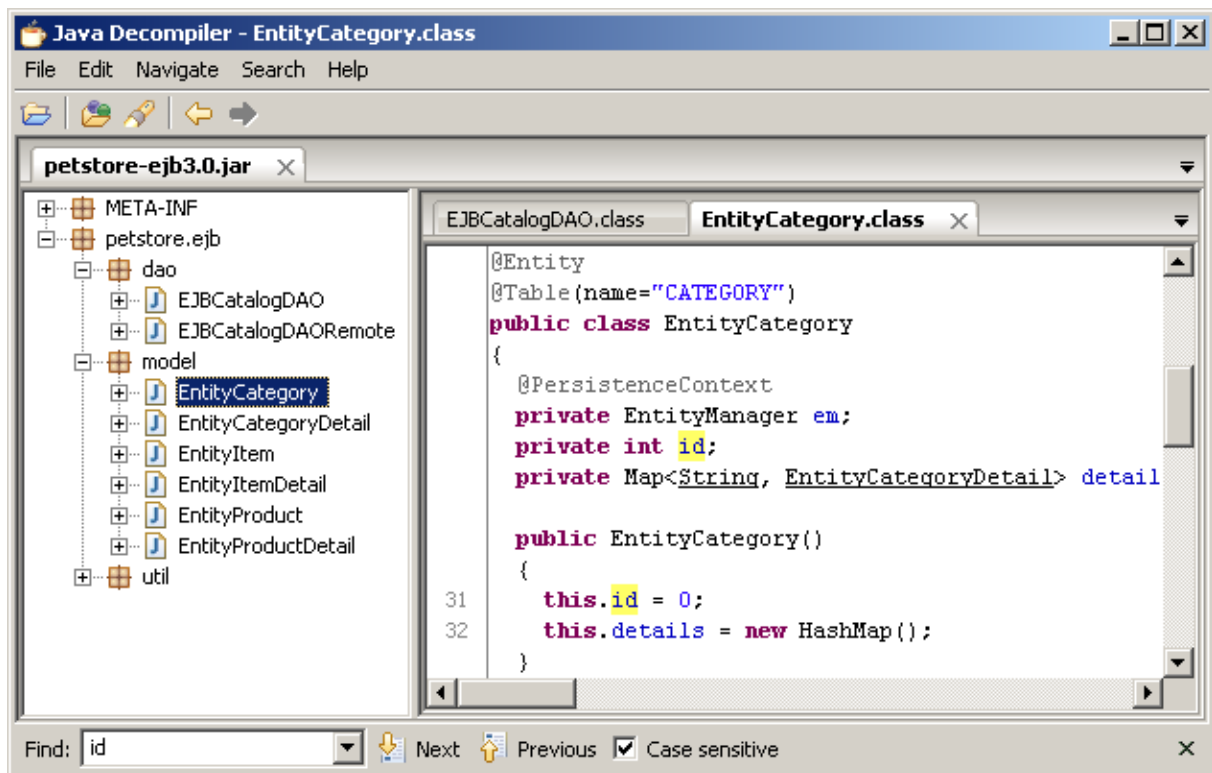
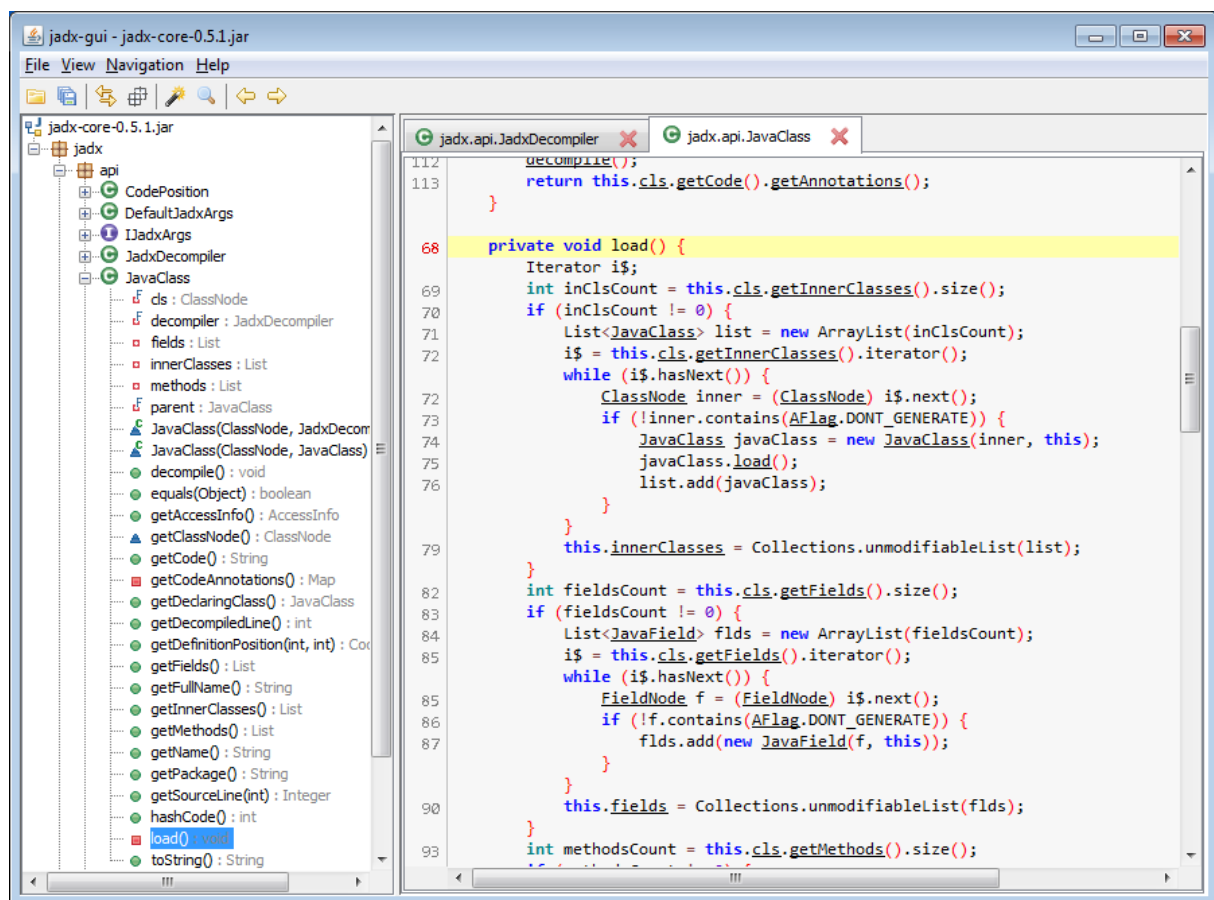

decompile-apk

The decompile-apk tool consists of some scripts and different tools, it can provide auto decompile function for produce Java source code and resources from Android Apk files that displayed on GUI.

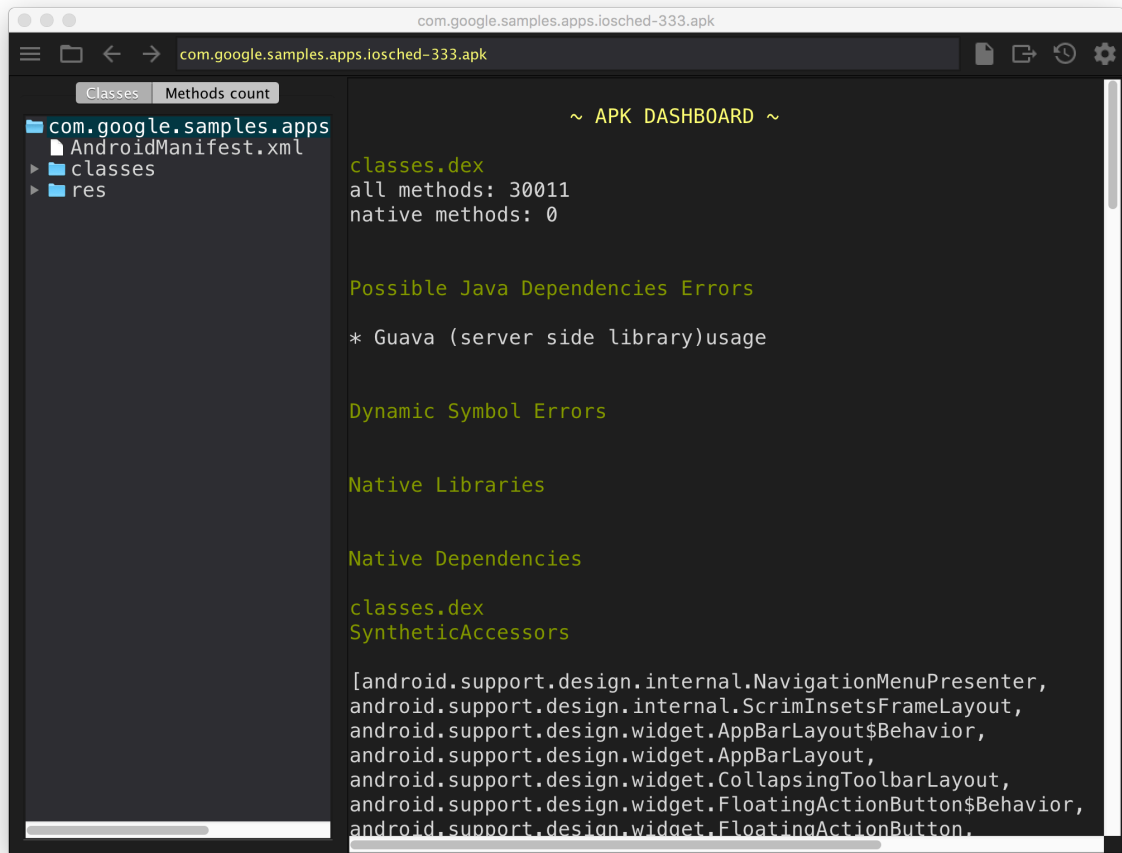
- jd-gui



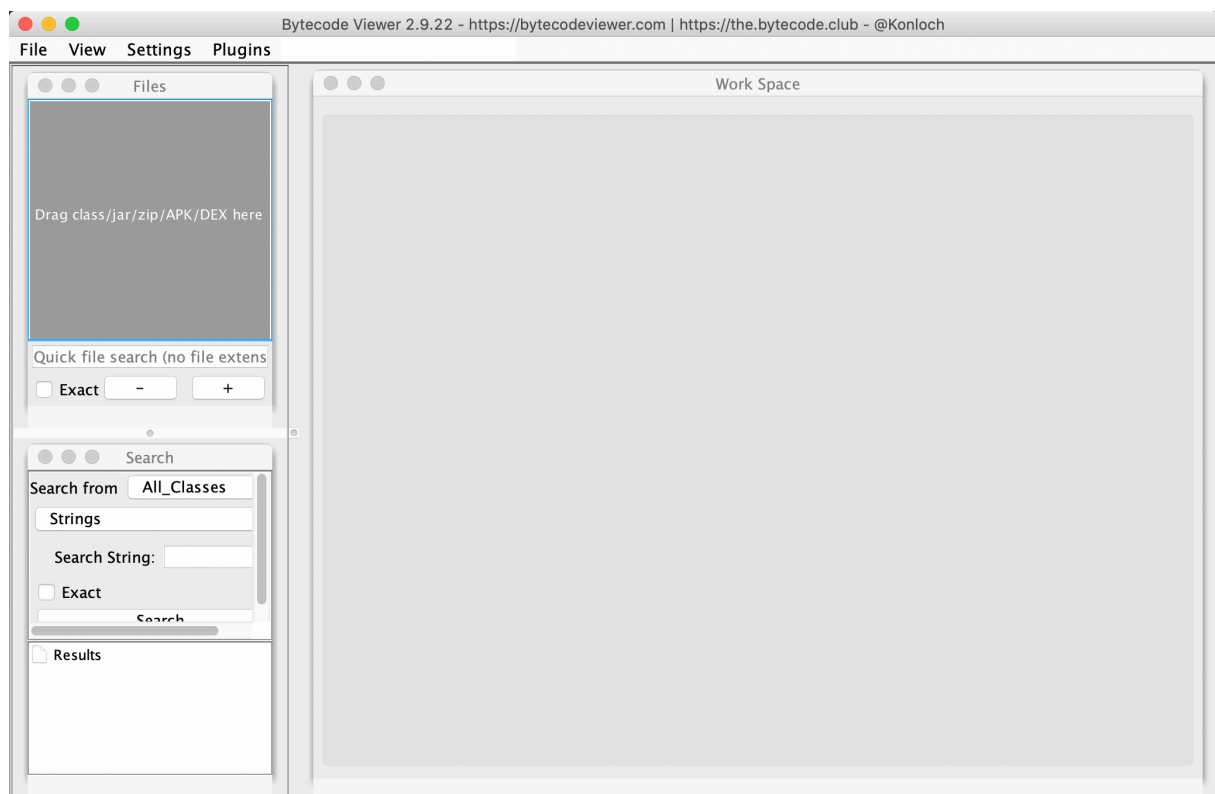
- jadx



- classyshark



- bytecode-viewer



Tools

- Apktool : v2.4.1
- dex2jar : v2.1
- jd-gui : v1.6.6
- jadx : v1.1.0
- android-classyshark : v8.2
- bytecode-viewer : v2.9.22

Platforms

- Mac
- Linux / Unix

Download

decompile-apk

Usage

```
1 # using integrated tools to decompile apk (recommend)
2 sh decompile-apk.sh *.apk
3
4 # using apktool/dex2jar/jd-gui to decompile apk
5 sh jdgui-apk.sh *.apk
6
7 # using jadx to decompile apk
8 sh jadx-apk.sh *.apk
9
10 # using classyshark to decompile apk
11 sh classyshark-apk.sh *.apk
12
13 # using bytecode-viewer to decompile apk
14 sh bytecode-viewer.sh *.apk
```

Summary

- Apktool
 - advantage
 - * complete resource files
 - * source code in detail
 - disadvantage
 - * using more complex, need for a combination of multiple tools
 - * cannot better view the APK architecture logic
- classyshark
 - advantage
 - * easy to use, just a command line
 - * source directory structure is clear, view the entire APK architecture graphically
 - disadvantage
 - * source code too simple
 - * cannot get resource files
- jadx
 - advantage
 - * convenient and quick
 - * more perfect GUI interface, with more practical functions
 - * decompile code readability is high

-
- disadvantage
 - * resource files partially missing
 - bytecode-viewer
 - advantage
 - * support apk, dex, jar, and so on
 - * better visual feedback
 - disadvantage
 - * analyse file slower

Todo

- more decompile tools
- support decompile dex/aar/jar files

About

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