

apktool Package Description

It is a tool for reverse engineering 3rd party, closed, binary Android apps. It can decode resources to nearly original form and rebuild them after making some modifications; it makes possible to debug smali code step by step. Also it makes working with app easier because of project-like files structure and automation of some repetitive tasks like building apk, etc.

It is NOT intended for piracy and other non-legal uses. It could be used for localizing, adding some features or support for custom platforms and other GOOD purposes. Just try to be fair with authors of an app, that you use and probably like.

Features:

- decoding resources to nearly original form (including resources.arsc, XMLs and 9.png files) and rebuilding them
- smali debugging: SmaliDebugging
- helping with some repetitive tasks

Source: <https://ibotpeaches.github.io/Apktool/>

[apktool Homepage](#) | [Kali apktool Repo](#)

- Author: Brut.alll
- License: Apache License 2.0

Tools included in the apktool package

apktool – A tool for reengineering Android apk files

```
root@kali:~# apktool
```

Apktool v2.3.4-dirty - a tool for reengineering Android apk files

with smali v2.2.3-dev and baksmali v2.2.3-dev

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usage: apktool

-advance,--advanced prints advance information.

-version,--version prints the version then exits

usage: apktool if|install-framework [options] <framework.apk>

-p,--frame-path <dir> Stores framework files into <dir>.

-t,--tag <tag> Tag frameworks using <tag>.

usage: apktool d[ecode] [options] <file_apk>

-f,--force Force delete destination directory.
-o,--output <dir> The name of folder that gets written. Default is apk.out
-p,--frame-path <dir> Uses framework files located in <dir>.
-r,--no-res Do not decode resources.
-s,--no-src Do not decode sources.
-t,--frame-tag <tag> Uses framework files tagged by <tag>.
usage: apktool b[uild] [options] <app_path>
-f,--force-all Skip changes detection and build all files.
-o,--output <dir> The name of apk that gets written. Default is dist/name.apk
-p,--frame-path <dir> Uses framework files located in <dir>.

For additional info, see: <http://ibotpeaches.github.io/Apktool/>

For smali/baksmali info, see: <https://github.com/JesusFreke/smali>

apktool Usage Example

Use debug mode (**d**) to decode the given apk file (**/root/SdkControllerApp.apk**):

```
root@kali:~# apktool d Facebook\ Lite_v121.0.0.8.97_apkpure.com.apk
I: Using Apktool 2.3.4-dirty on Facebook Lite_v121.0.0.8.97_apkpure.com.apk
I: Loading resource table...
I: Decoding AndroidManifest.xml with resources...
I: Loading resource table from file: /root/.local/share/apktool/framework/1.apk
I: Regular manifest package...
I: Decoding file-resources...
I: Decoding values */* XMLs...
I: Baksmaling classes.dex...
I: Copying assets and libs...
I: Copying unknown files...
I: Copying original files...
```

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