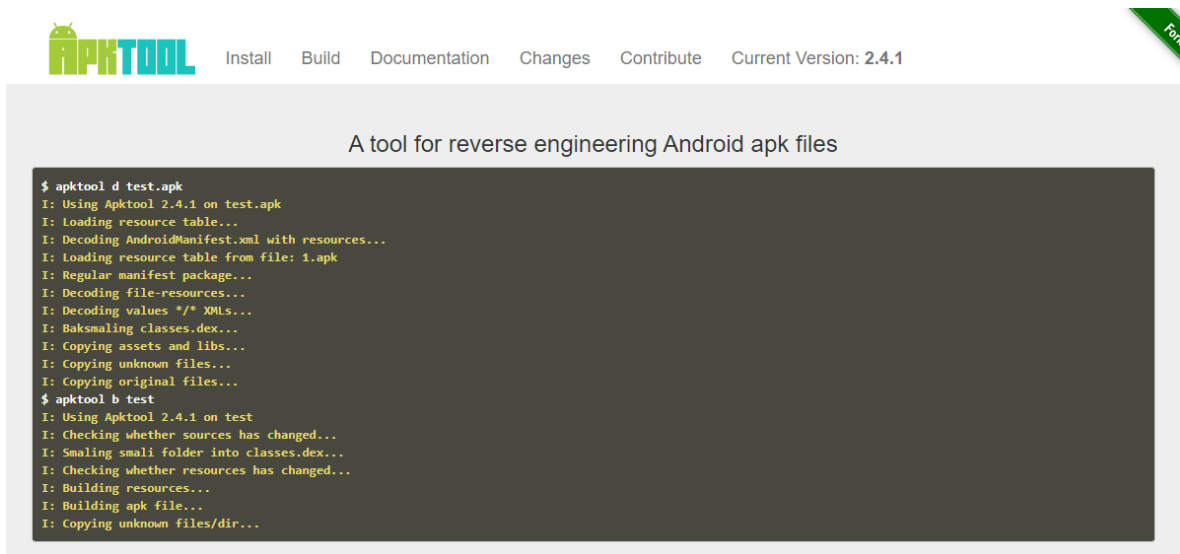


::: MANUAL DE APKTOOL :::

-= By surflaweb -=





Descargar apk tool:

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

News

- **29 Nov 2019** - Apktool v2.4.1 Released
[Details / Download](#)
- **03 Mar 2019** - Apktool v2.4.0 Released
[Details / Download](#)
- **05 Sep 2018** - Apktool v2.3.4 Released
[Details / Download](#)
- **26 Apr 2018** - Apktool v2.3.3 Released

> Este equipo > Mis Archivos (E:) > alxor > Android Testing > apktool

Nombre	Fecha de modificación	Tipo
 apktool	1/10/2020 20:58	Microsoft Wo
 apktool_2.4.1	1/10/2020 20:49	Executable Jar

Una vez descargada la renombramos:



Lo siguiente es descargar otro archivo extra llamado “wrapper script”:



Install Instructions

Quick Check

1. Is at least Java 1.8 installed?
2. Does executing `java -version` on command line / command prompt return 1.8 or greater?
3. If not, please install Java 8+ and make it the default. (Java 7 will also work at this time)

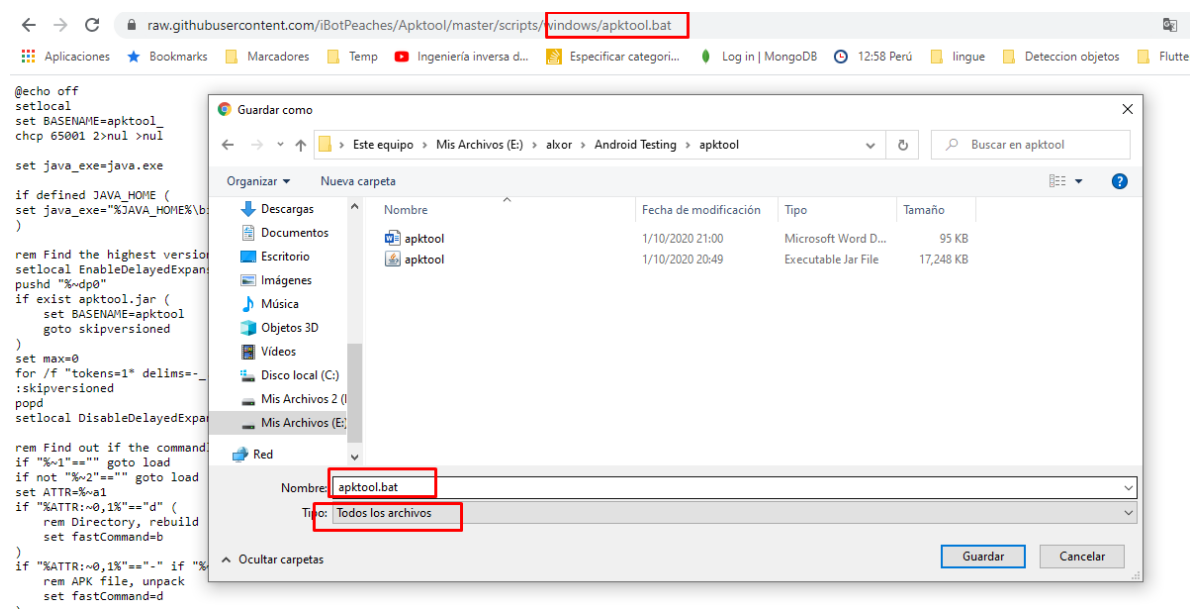
Installation for Apktool

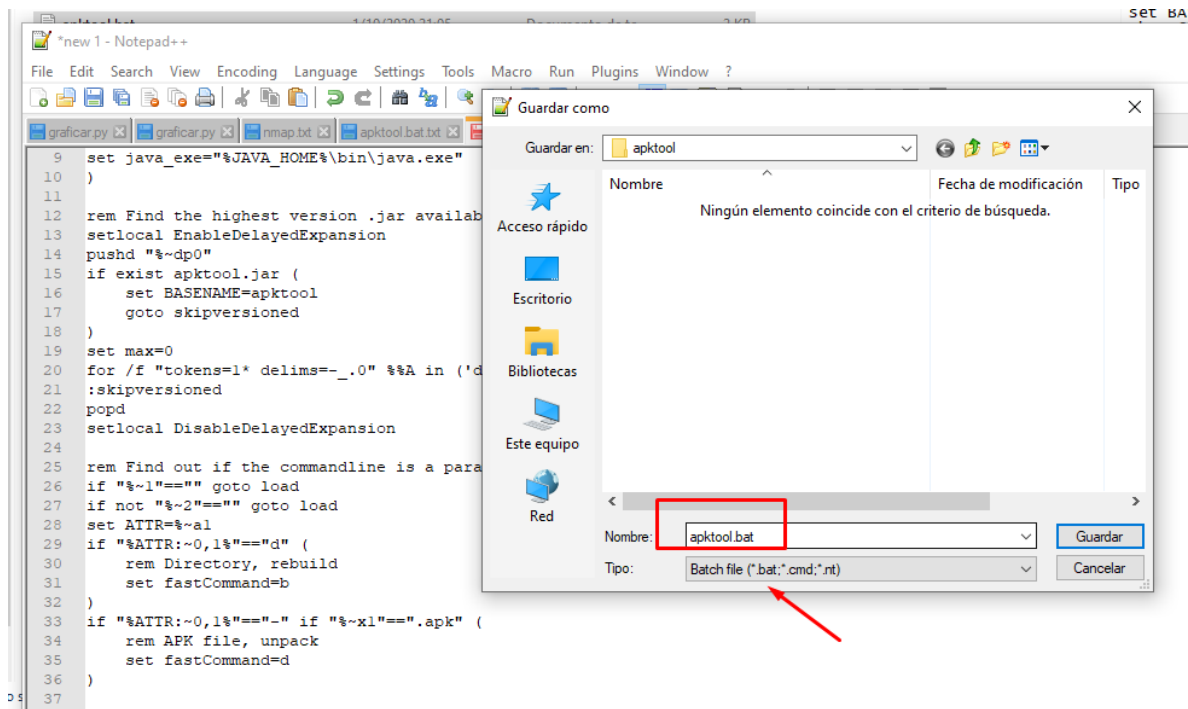
- Windows:




1. Download Windows wrapper script (Right click, Save Link As `apktool.bat`)
2. Download apktool-2 (find newest here)
3. Rename downloaded jar to `apktool.jar`
4. Move both files (`apktool.jar` & `apktool.bat`) to your Windows directory (Usually `C://Windows`)
5. If you do not have access to `C://Windows`, you may place the two files anywhere then a

⇒ <https://ibotpeaches.github.io/Apktool/install/>

Guardamos el contenido de ese script con extensión .bat





Nombre	Fecha de modificac
 apktool	1/10/2020 21:05
 apktool	1/10/2020 21:04
 apktool	1/10/2020 20:49

Luego nos descargamos baksmali y smali las cuales son dos dependencias de apktool para compilar y descompilar:

⇒ <https://bitbucket.org/JesusFreke/smali/downloads/>

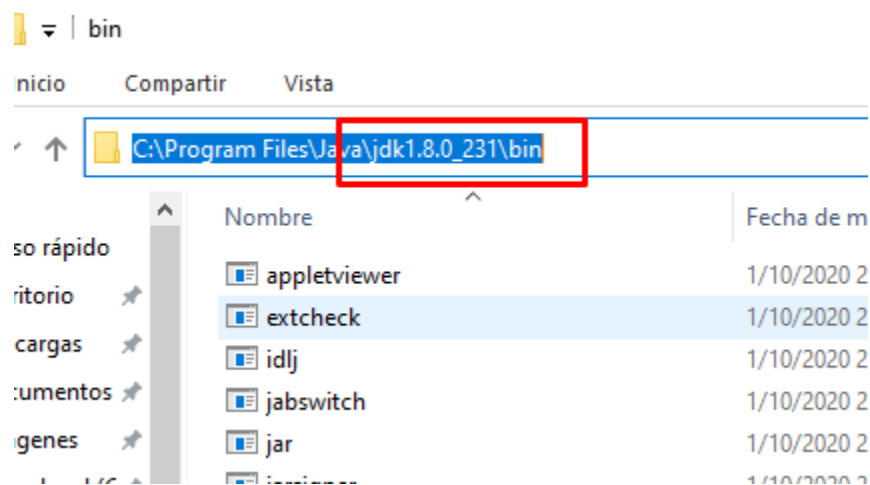
[Downloads](#) [Tags](#) [Branches](#)

Name	Size	Uploaded by
Download repository	9.7 MB	
baksmali-2.4.0.jar	1.2 MB	Ben Gruver
smali-2.4.0.jar	949.7 KB	Ben Gruver
smali-2.3.4.jar	940.7 KB	Ben Gruver
baksmali-2.3.4.jar	1.2 MB	Ben Gruver

Los renombramos quitándole la versión del jar:

Nombre	Fecha de modificación
apktool	1/10/2020 21:05
apktool	1/10/2020 21:15
apktool	1/10/2020 20:49
baksmali	1/10/2020 21:08
smali	1/10/2020 21:17

Luego agregaremos el jdk a las variables de entorno de Windows:



Variables de usuario para freddyalc

Variable	Valor
OneDrive	C:\Users\freddyalc\OneDrive
OneDriveConsumer	C:\Users\freddyalc\OneDrive
Path	C:\Iaragon\bin;C:\Iaragon\bin\apache\httpd-2.4.35-win64-VC15\bin...
TEMP	C:\Users\freddyalc\AppData\Local\Temp
TMP	C:\Users\freddyalc\AppData\Local\Temp

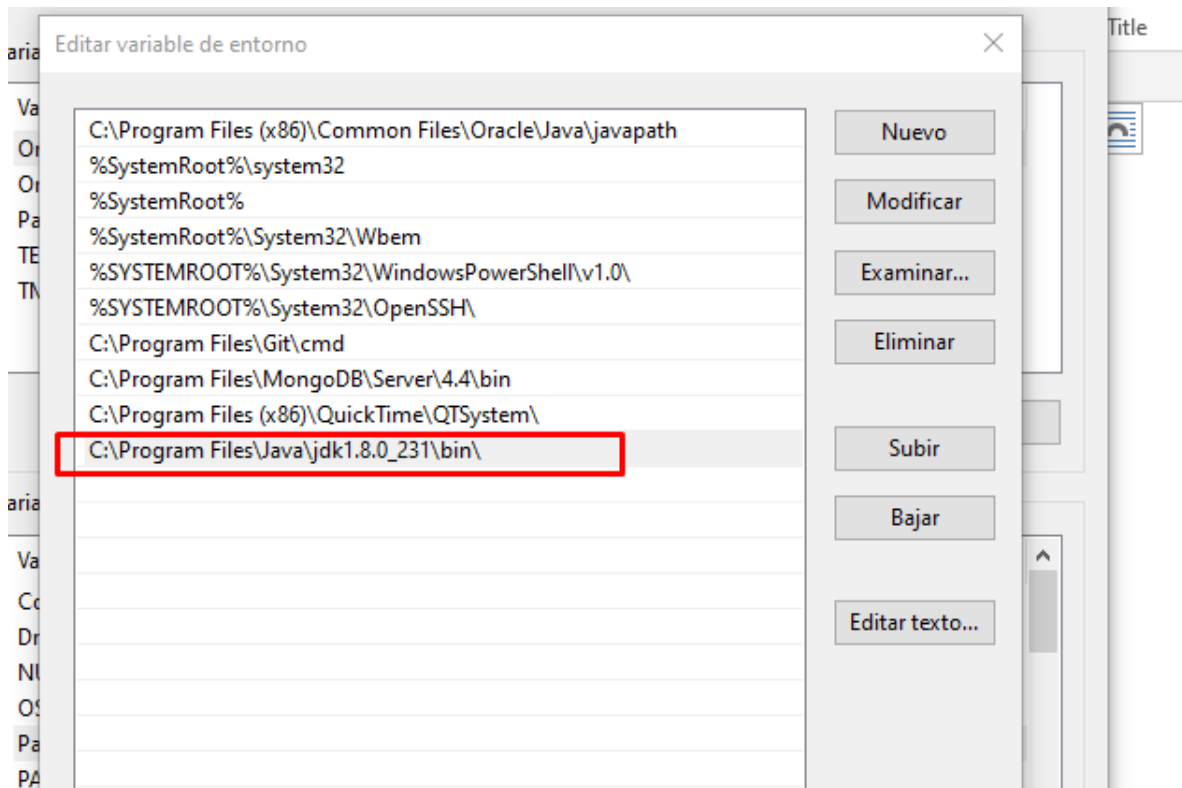
Nueva... Editar... Eliminar

Variables del sistema

Variable	Valor
ComSpec	C:\Windows\system32\cmd.exe
DriverData	C:\Windows\System32\Drivers\DriverData
NUMBER_OF_PROCESSORS	4
OS	Windows_NT
Path	C:\Program Files (x86)\Common Files\Oracle\Java\javapath;C:\Win...
PATHEXT	.COM;.EXE;.BAT;.CMD;.VBS;.VBE;.JS;.JSE;.WSF;.WSH;.MSC
PROCESSOR_ARCHITECTURE	AMD64

Nueva... Editar... Eliminar

Aceptar Cancelar

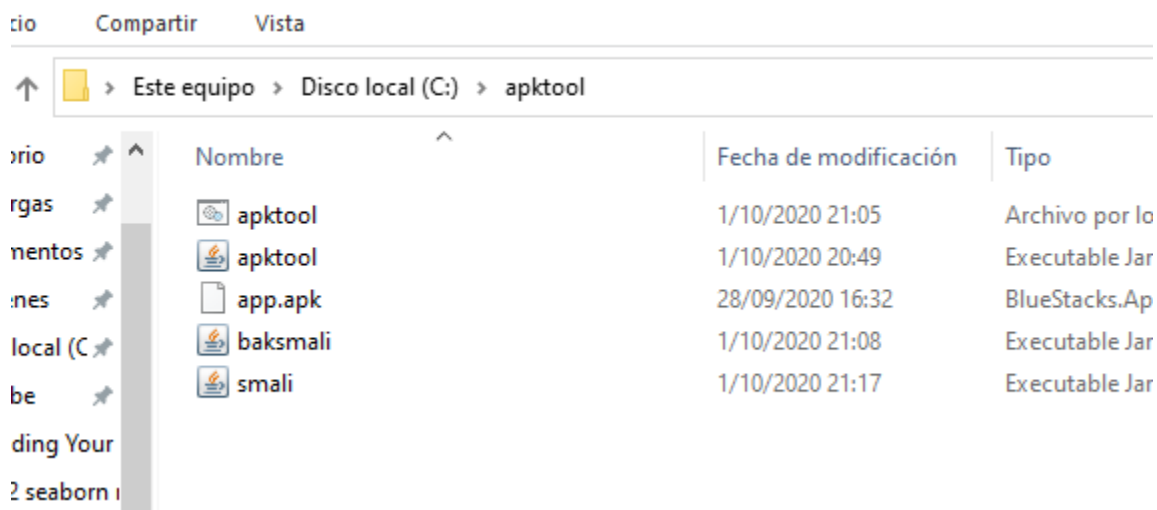


Luego verificamos en el CMD que podemos ejecutar el comando “javac”:

```
C:\Windows\system32\cmd.exe
Microsoft Windows [Versión 10.0.19041.508]
(c) 2020 Microsoft Corporation. Todos los derechos reservados.

C:\Users\freddyalc>javac
Usage: javac <options> <source files>
where possible options include:
  -g               Generate all debugging info
  -g:none          Generate no debugging info
  -g:{lines,vars,source}  Generate only some debugging info
  -nowarn          Generate no warnings
  -verbose         Output messages about what the compiler is doing
  -deprecation     Output source locations where deprecated APIs are used
  -classpath <path>  Specify where to find user class files and annotation processors
  -cp <path>        Specify where to find user class files and annotation processors
  -sourcepath <path> Specify where to find input source files
  -bootclasspath <path> Override location of bootstrap class files
  -extdirs <dirs>   Override location of installed extensions
  -endorsedstdlibs <dirs> Override location of endorsed standards path
```


Luego creamos una carpeta en el C:\ llamada “apktool” y pegamos ahí todos los archivos:



Luego desde el cmd ya podemos ejecutar esos programas:

```
C:\apktool>apktool
Apktool v2.4.1 - a tool for reengineering Android apk files
with smali v2.3.4 and baksmali v2.3.4
Copyright 2014 Ryszard Wiśniewski <brut.all1@gmail.com>
Updated by Connor Tumbleson <connor.tumbleson@gmail.com>

usage: apktool
  -advance,--advance      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[decode] [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

C:\apktool>
```

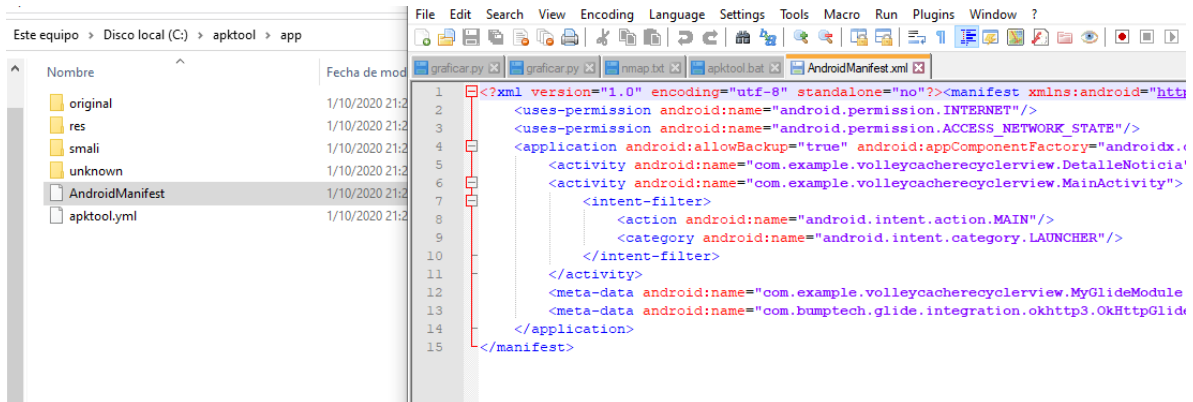
Descompilar apk:

#> apktool d <apkfile.apk>

El comando anterior generará una carpeta con los archivos desempaquetados del app.

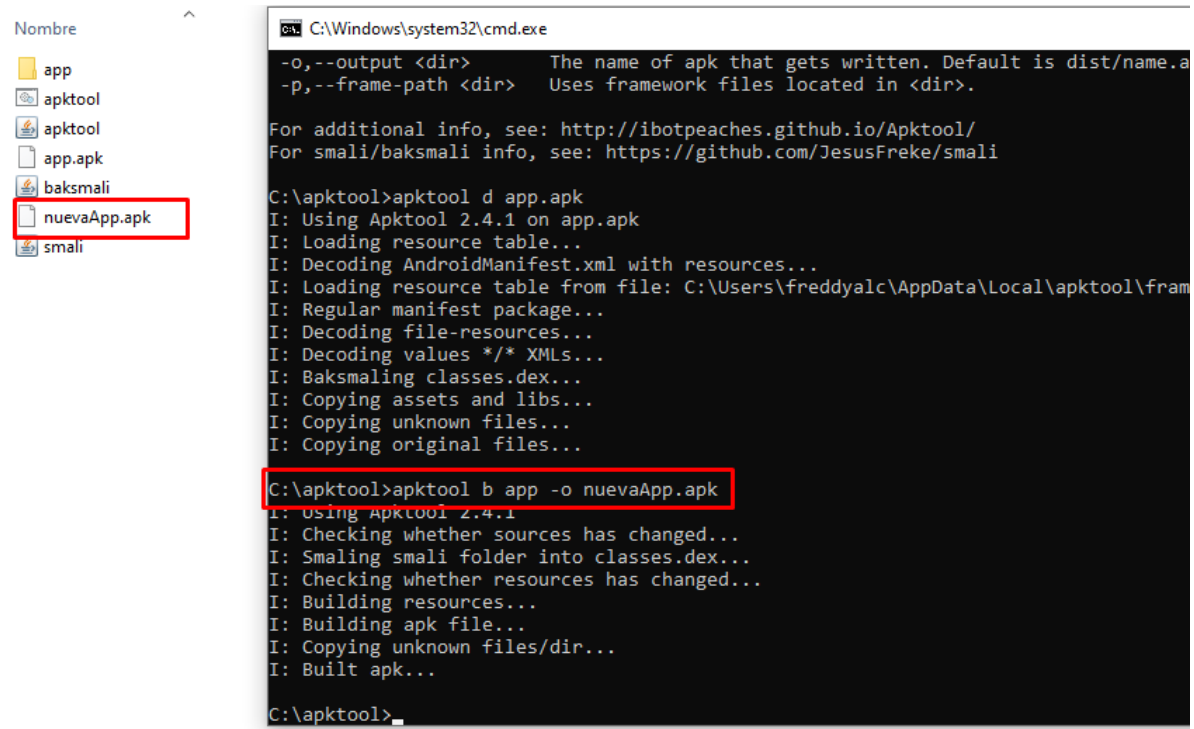
```
C:\apktool>apktool d app.apk
I: Using Apktool 2.4.1 on app.apk
I: Loading resource table...
I: Decoding AndroidManifest.xml with resources...
I: Loading resource table from file: C:\Users\fredyalc\AppData\Local\apktool\framework\1.apk
I: Regular manifest package...
I: Decoding file-resources...
I: Decoding values */* XMLs...
I: Baksmaling classes.dex...
I: Copying assets and libs...
I: Copying unknown files...
I: Copying original files...

C:\apktool>
```



Compilar app para obtener nuevo apk:

#> apktool b <carpeta_apk_desempaquetada> -o nuevoNombre.apk



```
C:\Windows\system32\cmd.exe
-o,--output <dir>      The name of apk that gets written. Default is dist/name.a
-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

C:\apktool>apktool d app.apk
I: Using Apktool 2.4.1 on app.apk
I: Loading resource table...
I: Decoding AndroidManifest.xml with resources...
I: Loading resource table from file: C:\Users\freddyalc\AppData\Local\apktool\fram
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...

C:\apktool>apktool b app -o nuevaApp.apk
I: Using Apktool 2.4.1
I: Checking whether sources has changed...
I: Smaling smali folder into classes.dex...
I: Checking whether resources has changed...
I: Building resources...
I: Building apk file...
I: Copying unknown files/dir...
I: Built apk...

C:\apktool>
```

Para firmar el nuevo apk generado usar “apk-signer”:

Link: <https://play.google.com/store/apps/details?id=com.haibison.apksigner>

FIN