

# APK-TOOL

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# INSTALLATION

Download / Setting

# DOWNLOAD

- Java 8+
- wrapper script
- apk-tool.jar (the newest)

## SETTING - Windows

1. Rename wrapper script to **apktool.bat**
2. Rename downloaded jar to **apktool.jar**
3. Move both files (apktool.jar & apktool.bat) to a directory
4. Add **apktool** variable in Environment Variables System PATH.
5. Open Terminal and excute ``apktool`` command



# FEATURE

Decoding / Framework / Building

# QUESTION

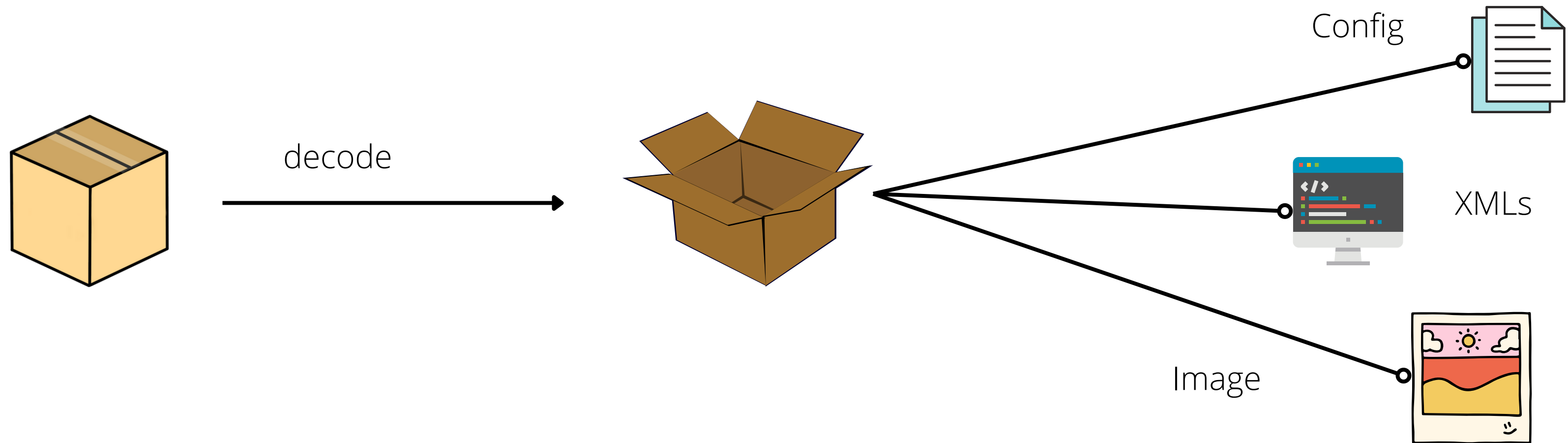
*Apks are nothing more than a zip file containing resources and assembled java code. If you were to simply unzip an apk like so, you would be left with files such as classes.dex and resources.arsc.*

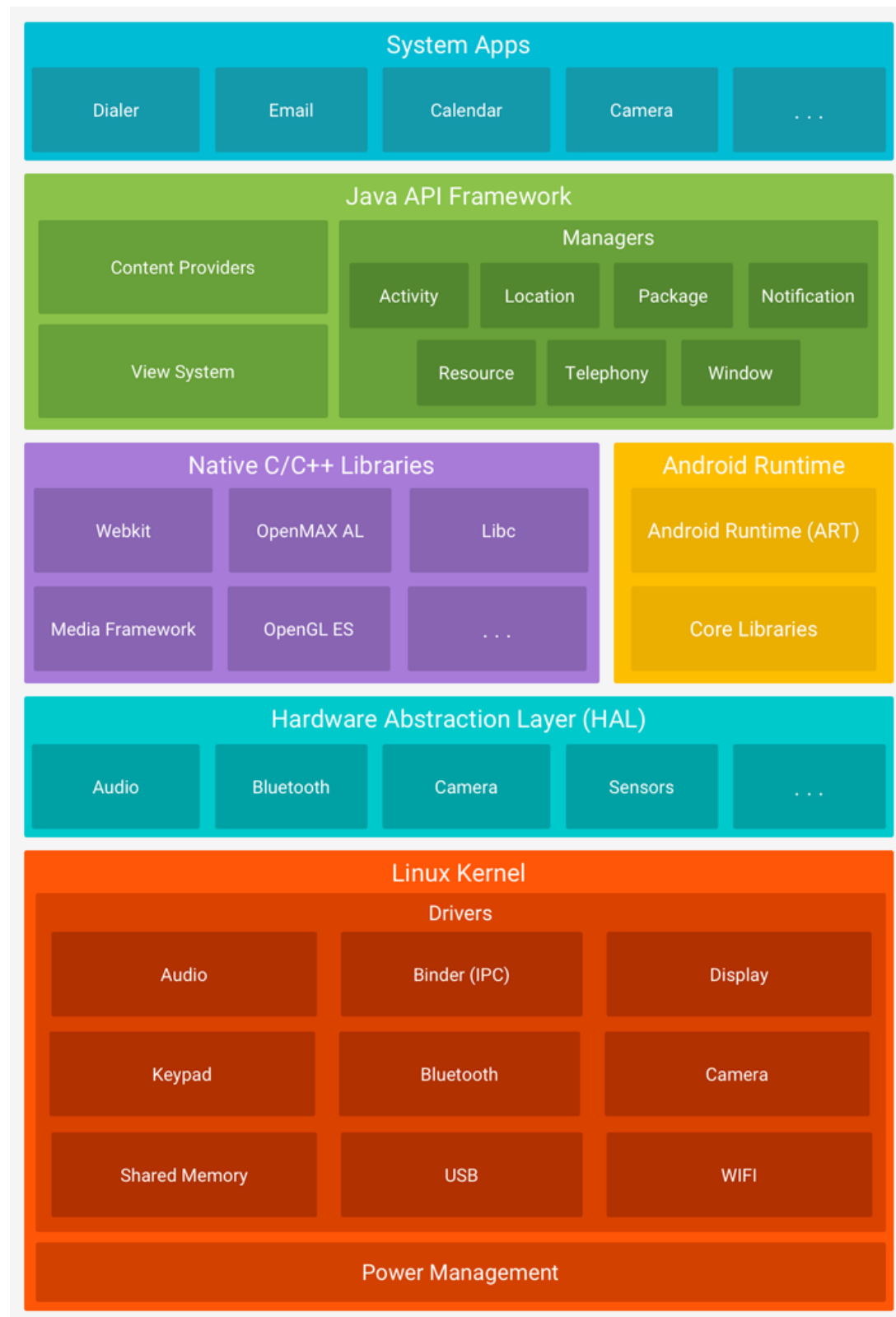
*However, at this point you have simply inflated compiled sources. If you tried to view AndroidManifest.xml. You'd be left viewing this.*

```
$ unzip testapp.apk
Archive:  testapp.apk
  inflating: AndroidManifest.xml
  inflating: classes.dex
 extracting: res/drawable-hdpi/ic_launcher.png
  inflating: res/xml/literals.xml
  inflating: res/xml/references.xml
 extracting: resources.arsc
```

# DECODING

*Disassembling resources to nearly original form (including resources.arsc, classes.dex, 9.png. and XMLs) , and Organizing and handling APKs that depend on framework resources*





# FRAMEWORK FILES

*Android apps utilize code and resources that are found on the Android OS itself. These are known as framework resources and Apktool relies on these to properly decode and build apks.*

# BUDING

*Rebuilding decoded resources back to binary APK/JAR*

