

Zadanie 02: Artefakt nr 2 – ADB I Statystyczna Analiza APK

<https://github.com/Ksyn777/TM-96407>

2.1 Struktura archiwum (ZIP)

```
PS C:\Users\vdi-terminal\Desktop\TestowanieMobilne> docker run --rm -v "$($pwd):/apps" mingc/android-build-box:latest un-
ip -l /apps/app.apk
Archive: /apps/app.apk
  Length   Date       Time    Name
-----
166912    1980-00-00 00:00    AndroidManifest.xml
6         1980-00-00 00:00    META-INF/androidx.appcompat_appcompat.version
6         1980-00-00 00:00    META-INF/androidx.arch.core_core-runtime.version
6         1980-00-00 00:00    META-INF/androidx.asynclayoutinflater_asynclayoutinflater.version
6         1980-00-00 00:00    META-INF/androidx.coordinatorlayout_coordinatorlayout.version
6         1980-00-00 00:00    META-INF/androidx.core_core.version
6         1980-00-00 00:00    META-INF/androidx.cursoradapter_cursoradapter.version
6         1980-00-00 00:00    META-INF/androidx.customview_customview.version
6         1980-00-00 00:00    META-INF/androidx.documentfile_documentfile.version
6         1980-00-00 00:00    META-INF/androidx.drawerlayout_drawerlayout.version
6         1980-00-00 00:00    META-INF/androidx.fragment_fragment.version
6         1980-00-00 00:00    META-INF/androidx.interpolator_interpolator.version
6         1980-00-00 00:00    META-INF/androidx.legacy_legacy-support-core-ui.version
6         1980-00-00 00:00    META-INF/androidx.lifecycle_lifecycle-livedata-core.version
6         1980-00-00 00:00    META-INF/androidx.lifecycle_lifecycle-livedata.version
6         1980-00-00 00:00    META-INF/androidx.lifecycle_lifecycle-runtime.version
6         1980-00-00 00:00    META-INF/androidx.lifecycle_lifecycle-viewmodel.version
6         1980-00-00 00:00    META-INF/androidx.loader_loader.version
6         1980-00-00 00:00    META-INF/androidx.localbroadcastmanager_localbroadcastmanager.version
6         1980-00-00 00:00    META-INF/androidx.print_print.version
6         1980-00-00 00:00    META-INF/androidx.slidingpanelayout_slidingpanelayout.version
6         1980-00-00 00:00    META-INF/androidx.swiperefreshlayout_swiperefreshlayout.version
6         1980-00-00 00:00    META-INF/androidx.vectordrawable_vectordrawable-animated.version
6         1980-00-00 00:00    META-INF/androidx.vectordrawable_vectordrawable.version
6         1980-00-00 00:00    META-INF/androidx.versionedparcelable_versionedparcelable.version
6         1980-00-00 00:00    META-INF/androidx.viewpager_viewpager.version
5266     1980-00-00 00:00    assets/HelloActivity.apk
39104    1980-00-00 00:00    assets/fonts/samplefont.ttf
376      1980-00-00 00:00    assets/html/index.html
383      1980-00-00 00:00    assets/html/index2.html
128      1980-00-00 00:00    assets/html/linked.html
84       1980-00-00 00:00    assets/read_asset.txt
2722196  1980-00-00 00:00    classes.dex
```

2.2 Rozpakowanie APK (apktool)

```
Directory: C:\Users\vdi-terminal\Desktop\TestowanieMobilne\Artefakt02\decompiled_apk

Mode                LastWriteTime         Length Name
----                -
d-----          28.02.2026      11:40         assets
d-----          28.02.2026      11:40        original
d-----          28.02.2026      11:39         res
d-----          28.02.2026      11:39         smali
-a-----          28.02.2026      11:39    129112 AndroidManifest.xml
-a-----          28.02.2026      11:40      1918 apktool.yml
```

2.3 Uprawnienia (permissions)

```
uses-permission: name='android.permission.READ_CONTACTS'
uses-permission: name='android.permission.WRITE_CONTACTS'
uses-permission: name='android.permission.VIBRATE'
uses-permission: name='android.permission.ACCESS_COARSE_LOCATION'
uses-permission: name='android.permission.INTERNET'
uses-permission: name='android.permission.SET_WALLPAPER'
uses-permission: name='android.permission.WRITE_EXTERNAL_STORAGE'
uses-permission: name='android.permission.SEND_SMS'
uses-permission: name='android.permission.RECEIVE_SMS'
uses-permission: name='android.permission.NFC'
uses-permission: name='android.permission.RECORD_AUDIO'
uses-permission: name='android.permission.CAMERA'
PS C:\Users\vdi-terminal\Desktop\TestowanieMobilne> _
```

2.4 Wersja API (api_level)

```
Processing triggers for libc-bin (2.39-0ubuntu8.7) ...
sdkVersion: '17'
targetSdkVersion: '28'
```

2.5 Architektura (ABI) i Hash

```
Processing triggers for libc-bin (2.39-0ubuntu8.7) ...
```

Algorithm	Hash	Path
-----	----	----
SHA256	354856605E8F201CE5FDD58796524D8FABAE726EE57DE2D76DCF878C4D7826F1	C:\Users\vdi-terminal\Desktop\TestowanieMobilne\app.apk