Analysis report

F-Droid.apk

Tool	`analyze-anything 0.1.1`
Input SHA-256	`dac55a0d17b1edf7e7286b48cfbd70c7c52fbb32a00af062c68830a437c47959`

Summary

▲ High	◆ Medium	● Low	○ Info
0	2	21	87

Input	single file
Files analyzed / all files (unpacked ones included)	977 / 977
Containers unpacked	4
Bytes read	43450597
Findings	110 (By severity: High 0 • Medium 2 • Low 21 • Info 87)

How to read this

Every finding states its confidence: "Verified" was read directly from a file structure or checked cryptographically; "Derived" follows from what was read by a fixed rule; "Heuristic" is a rule's guess and may be wrong. Entries with severity "Info" are neutral facts, not problems.

Findings of the same rule are shown as one entry: a sentence that repeats is written once, followed by the files it holds for. Long lists show their first items and say how many are left out; the evidence and ID of every finding are in report.html and report.json.

This PDF is for reading and filing: long lists are cut and say so; report.html and report.json hold the complete data.

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1 Overview • 7 kinds / 7 findings

○ Info → Derived **Kind of input**
This is an Android app package (APK).
Evidence `F-Droid.apk = apk`
Finding ID `171cbd48b5752f01`

○ Info ✓ Verified **Product**
Product name: F-Droid.
Evidence `F-Droid.apk @ application label = F-Droid`
Finding ID `9acee5eb92c13565`

○ Info ✓ Verified **Version**
Version: 2.0.3 (versionCode 2000053).
Evidence `F-Droid.apk @ versionName = 2.0.3`
Finding ID `d5ae19b20faef7c7`

○ Info ✓ Verified **Identifier**
Application identifier: org.fdroid.fdroid.
Evidence `F-Droid.apk @ manifest package = org.fdroid.fdroid`
Finding ID `26084f96964c7275`

○ Info ✓ Verified **Android versions**
Minimum API level 24, target API level 37.
Evidence `F-Droid.apk @ uses-sdk = 37`
Finding ID `dd91e0fceb29b86c`

○ Info ✓ Verified **Signing**
The signing certificate's SHA-256 fingerprint is 43238d512c1e5eb2d6569f4a3afbf5523418b82e0a3ed155 2770abb9a9c9ccab. Android uses it to decide whether an update comes from the same publisher; the Provenance chapter gives the result for each signature scheme.
Evidence `F-Droid.apk @ signer certificate = 43238d512c1e5eb2d6569f4a3afbf5523418b82e0a3ed1552770abb9 a9c9ccab`
Finding ID `a9efb91aa168f6b4`

○ Info → Derived **Findings that need attention**
There are 0 high, 2 medium and 21 low severity findings, and 86 neutral facts. Severity is fixed per rule and orders the reading; these counts are not a verdict on whether the input is safe.
Evidence `F-Droid.apk = 23`
Finding ID `4d52fc6b553822b0`

Needs attention • 14 kinds / 23 findings

Every finding above "Info", grouped by rule. Each appears again in its own chapter.

● Low ✓ Verified **Certificate uses an outdated digest**
The certificate's own signature algorithm is SHA1withRSA, whose digest is no longer considered secure. Android does not check the self-signature of APK signing certificates, so the practical impact is limited.
Evidence `F-Droid.apk @ signing certificate (v1, v2, v3) = 43238d512c1e5eb2d6569f4a3afbf5523418b82e0a3ed155 2770abb9a9c9ccab`
Standards CWE-328 Finding ID `eb23661d53d63b34`

● Low × 8 • Derived **Dangerous permission requested** 8 findings
`…/AndroidManifest.xml`
The app requests the dangerous permission android.permission.READ_EXTERNAL_STORAGE: Read files on shared storage. The user must agree at run time (limits: -). The level comes from the embedded AOSP permission table.
`…/AndroidManifest.xml`
The app requests the dangerous permission android.permission.POST_NOTIFICATIONS: Show notifications. The user must agree at run time (limits: -). The level comes from the embedded AOSP permission table.

…/AndroidManifest.xml
The app requests the dangerous permission android.permission.BLUETOOTH_SCAN: Find nearby Bluetooth devices. The user must agree at run time (limits: neverForLocation). The level comes from the embedded AOSP permission table.
…/AndroidManifest.xml
The app requests the dangerous permission android.permission.CAMERA: Take pictures and record video. The user must agree at run time (limits: -). The level comes from the embedded AOSP permission table.
…/AndroidManifest.xml
The app requests the dangerous permission android.permission.BLUETOOTH_ADVERTISE: Make the device visible to nearby Bluetooth devices. The user must agree at run time (limits: -). The level comes from the embedded AOSP permission table.
…/AndroidManifest.xml
The app requests the dangerous permission android.permission.WRITE_EXTERNAL_STORAGE: Write files on shared storage. The user must agree at run time (limits: -). The level comes from the embedded AOSP permission table.
…/AndroidManifest.xml
The app requests the dangerous permission android.permission.ACCESS_COARSE_LOCATION: Read the approximate device location. The user must agree at run time (limits: maxSdkVersion 30). The level comes from the embedded AOSP permission table.
…/AndroidManifest.xml
The app requests the dangerous permission android.permission.BLUETOOTH_CONNECT: Connect to paired Bluetooth devices. The user must agree at run time (limits: -). The level comes from the embedded AOSP permission table.

Low × 3 • Derived **Special permission requested** 3 findings
…/AndroidManifest.xml
The app requests the special permission android.permission.WRITE_SETTINGS: Change system settings. The user must switch it on in system settings (limits: -). The level comes from the embedded AOSP permission table.
…/AndroidManifest.xml
The app requests the special permission android.permission.REQUEST_INSTALL_PACKAGES: Ask the user to install other apps. The user must switch it on in system settings (limits: -). The level comes from the embedded AOSP permission table.
…/AndroidManifest.xml
The app requests the special permission android.permission.MANAGE_EXTERNAL_STORAGE: Read and write all files on shared storage. The user must switch it on in system settings (limits: -). The level comes from the embedded AOSP permission table.

Low → Derived **Exported activities without a protecting permission**
2 activities (launcher entries aside) can be started by any other app and are not protected by a signature-level permission: org.fdroid.ui.panic.PanicActivity, org.fdroid.ui.panic.PanicResponderActivity. The exported state is derived from the manifest by the platform's rules; whether it is a risk depends on how these screens handle what they are sent.
Evidence `F-Droid.apk/AndroidManifest.xml @ 18388+8 = org.fdroid.ui.panic.PanicActivity`
Evidence `F-Droid.apk/AndroidManifest.xml @ 18828+8 = org.fdroid.ui.panic.PanicResponderActivity`
Standards CWE-926, MASVS-PLATFORM-1 Finding ID `48488f821c0bc74d`

Medium ✓ Verified **Cleartext network traffic allowed**
The app is allowed to use unencrypted connections such as plain HTTP: the network security configuration's base-config says so. Cleartext traffic can be read and altered by anyone on the network path.
Evidence `F-Droid.apk/AndroidManifest.xml @ application@android:networkSecurityConfig = res/8G.xml`
Standards CWE-319, MASVS-NETWORK-1 Finding ID `d029abe2f64bd3ac`

◆ Medium ✓ Verified **User-installed CAs are trusted**

The network security configuration makes the app trust CA certificates the user installed (scope: all connections), and not only in debug builds. On a device with such a certificate, HTTPS traffic can be intercepted.

Evidence `F-Droid.apk/res/8G.xml @ trust-anchors/certificates@src = user`
Standards CWE-295, MASVS-NETWORK-1 Finding ID `7d7803a935fe95b2`

● Low ✓ Verified **App data may be backed up**

android:allowBackup is set to true, so the app's data can leave the device through system backup (and adb backup on older versions). Backup rules: res/Qq.xml, res/Lz.xml.

Evidence `F-Droid.apk/AndroidManifest.xml @ application@android:allowBackup = true`
Evidence `F-Droid.apk/AndroidManifest.xml @ application@android:fullBackupContent = res/Qq.xml`
Evidence `F-Droid.apk/AndroidManifest.xml @ application@android:dataExtractionRules = res/Lz.xml`
Standards MASVS-STORAGE-2 Finding ID `97eef2bdd4600872`

● Low → Derived **Code refers to device identifier APIs**

The DEX method reference tables name APIs that read device or SIM identifiers: Landroid/telephony/TelephonyManager;->getDeviceId. The code refers to them; that does not show they are called at run time.

Evidence `F-Droid.apk/classes2.dex @ method_ids[798] = Landroid/telephony/TelephonyManager;->getDeviceId`
Standards MASVS-PRIVACY-1 Finding ID `04fb3d0c0c3a78b6`

● Low → Derived **Code refers to APIs that list installed apps**

The DEX method reference tables name APIs that list the apps installed on the device: Landroid/content/pm/PackageManager;->getInstalledPackages. The code refers to them; that does not show they are called at run time.

Evidence `F-Droid.apk/classes2.dex @ method_ids[299] = Landroid/content/pm/PackageManager;→getInstalledPackages`
Standards MASVS-PRIVACY-1 Finding ID `f21e36642c4aaf78`

● Low → Derived **Code refers to command execution APIs**

The DEX method reference tables name APIs that run system commands: Ljava/lang/ProcessBuilder;->start, Ljava/lang/Runtime;->exec. The code refers to them; that does not show they are called at run time.

Evidence `F-Droid.apk/classes2.dex @ method_ids[10190] = Ljava/lang/ProcessBuilder;→start`
Evidence `F-Droid.apk/classes2.dex @ method_ids[10193] = Ljava/lang/Runtime;→exec`
Standards MASVS-CODE-4 Finding ID `ad6909d6e9c2e85f`

● Low → Derived **Code refers to accessibility action APIs**

The DEX method reference tables name APIs that click or act for the user through an accessibility service: Landroid/view/accessibility/AccessibilityNodeInfo;->performAction. The code refers to them; that does not show they are called at run time.

Evidence `F-Droid.apk/classes.dex @ method_ids[2821] = Landroid/view/accessibility/AccessibilityNodeInfo;->performAction`
Finding ID `eed9c9c2e9c61736`

● Low → Derived **Code refers to package installation APIs**

The DEX method reference tables name APIs that install apps: Landroid/content/pm/PackageInstaller;->createSession. The code refers to them; that does not show they are called at run time.

Evidence `F-Droid.apk/classes2.dex @ method_ids[285] = Landroid/content/pm/PackageInstaller;->createSession`
Finding ID `1685cfc9d3f78364`

● Low ≈ Heuristic **Custom hostname verifiers**

1 class implements HostnameVerifier: org.fdroid.download.HttpManagerKt$getHttpClientEngineFactory$1$$ExternalSyntheticLambda0 (1 more inside well-known network and crypto libraries are not listed). A custom implementation may accept any host name; that cannot be confirmed without decompiling.

Evidence `F-Droid.apk/classes2.dex @ class_defs = Lorg/fdroid/download/HttpManagerKt$getHttpClientEngineFactory$1$$ExternalSyntheticLambda0;`
Standards CWE-295, MASVS-NETWORK-1 Finding ID `4daa1417bc493bce`

Low ≈ Heuristic **Possibly weak ciphers or modes**
String constants name weak ciphers or modes: AES, Blowfish, DES, DESede, RC4 (DES and RC4 are broken; ECB reveals repetition in the data; a bare "AES" defaults to ECB). This is a string match; they may come from a library or be unused.
Evidence `F-Droid.apk/classes2.dex @ string_ids = AES`
Evidence `F-Droid.apk/classes2.dex @ string_ids = Blowfish`
Evidence `F-Droid.apk/classes2.dex @ string_ids = DES`
Evidence `F-Droid.apk/classes2.dex @ string_ids = DESede`
Evidence `F-Droid.apk/classes2.dex @ string_ids = RC4`
Standards CWE-327, MASVS-CRYPTO-1 Finding ID `7be55e9bad9ca21f`

2 Identity • 7 kinds / 13 findings

○ Info × 4 • Verified **ELF file** 4 findings
`…/arm64-v8a/libandroidx.graphics.path.so`
An ELF 64-bit little-endian shared library for aarch64.
`…/armeabi-v7a/libandroidx.graphics.path.so`
An ELF 32-bit little-endian shared library for arm.
`…/x86/libandroidx.graphics.path.so`
An ELF 32-bit little-endian shared library for i386.
`…/x86_64/libandroidx.graphics.path.so`
An ELF 64-bit little-endian shared library for x86_64.

○ Info × 4 • Verified **Build identifier** 4 findings
`…/arm64-v8a/libandroidx.graphics.path.so`
The GNU build ID is a7846ae06d6bf6cf63fa7c5e056b5de493c71567. Debug symbol files from the same build carry the same identifier.
`…/armeabi-v7a/libandroidx.graphics.path.so`
The GNU build ID is fa98a997cdd9b43f190a4bd20f3dad441b4062f0. Debug symbol files from the same build carry the same identifier.
`…/x86/libandroidx.graphics.path.so`
The GNU build ID is 56b3f97a7efb05fc89674cf68f6c27847a93860b. Debug symbol files from the same build carry the same identifier.
`…/x86_64/libandroidx.graphics.path.so`
The GNU build ID is f3e82b0a78f4c567cca77fe6c132199d806987d1. Debug symbol files from the same build carry the same identifier.

○ Info ✓ Verified **Android package**
This is an Android package (APK): package name org.fdroid.fdroid, version 2.0.3 (versionCode 2000053).
Evidence `F-Droid.apk/AndroidManifest.xml @ manifest@package = org.fdroid.fdroid`
Evidence `F-Droid.apk/AndroidManifest.xml @ manifest@android:versionCode = 2000053`
Evidence `F-Droid.apk/AndroidManifest.xml @ manifest@android:versionName = 2.0.3`
Finding ID `28386a05179102b0`

○ Info ✓ Verified **App name**
The app's display name is "F-Droid" (from @string/app_name, default language configuration).
Evidence `F-Droid.apk/AndroidManifest.xml @ application@android:label = @string/app_name`
Finding ID `1254c7cf92b158ee`

○ Info ✓ Verified **Supported Android versions**
Minimum supported: API 24 (Android 7.0). Target: API 37. Compiled against: API 37.
Evidence `F-Droid.apk/AndroidManifest.xml @ uses-sdk@android:minSdkVersion = 24`
Evidence `F-Droid.apk/AndroidManifest.xml @ uses-sdk@android:targetSdkVersion = 37`
Evidence `F-Droid.apk/AndroidManifest.xml @ manifest@android:compileSdkVersion = 37`
Finding ID `b034742636c2280d`

○ Info ✓ Verified **Custom Application class**
The first class to run when the app starts is org.fdroid.App.
Evidence `F-Droid.apk/AndroidManifest.xml @ application@android:name = org.fdroid.App`
Finding ID `cdd3126d40c253bf`

○ Info ✓ Verified **Launcher entry**
The screen opened from the launcher icon: org.fdroid.MainActivity, org.fdroid.IconActivity.
Evidence `F-Droid.apk/AndroidManifest.xml @ 21248+8 = org.fdroid.MainActivity`
Evidence `F-Droid.apk/AndroidManifest.xml @ 24388+8 = org.fdroid.IconActivity`
Finding ID `6983f4b0fedb9132`

3 Provenance and signing • 4 kinds / 6 findings

● Low ✓ Verified **Certificate uses an outdated digest**
The certificate's own signature algorithm is SHA1withRSA, whose digest is no longer considered secure. Android does not check the self-signature of APK signing certificates, so the practical impact is limited.
Evidence `F-Droid.apk @ signing certificate (v1, v2, v3) = 43238d512c1e5eb2d6569f4a3afbf5523418b82e0a3ed1552770abb9a9c9ccab`
Standards CWE-328 Finding ID `eb23661d53d63b34`

○ Info × 3 • Verified **Signature verified** 3 findings
`F-Droid.apk`
The v3 (APK Signature Scheme) signature verifies (1 signer): the content digest matches and the signature is valid; algorithm RSASSA-PKCS1-v1_5 with SHA2-256; applies to API 24 and later. The file has not changed since it was signed, and it was signed by the holder of the certificate's private key.
`F-Droid.apk`
The v1 (JAR) signature verifies (1 signer): 970 files match their SHA-256 digests in the manifest; signature algorithm RSA PKCS #1 v1.5 with SHA-256. The file has not changed since it was signed, and it was signed by the holder of the certificate's private key.
`F-Droid.apk`
The v2 (APK Signature Scheme) signature verifies (1 signer): the content digest matches and the signature is valid; algorithm RSASSA-PKCS1-v1_5 with SHA2-256. The file has not changed since it was signed, and it was signed by the holder of the certificate's private key.

○ Info ✓ Verified **Signing certificate**
Signing certificate (used by v1, v2, v3): subject CN=Ciaran Gultnieks, OU=Unknown, O=Unknown, L=Wetherby, ST=Unknown, C=UK; issuer same as the subject (self-signed); serial 4c49cd00; valid 2010-07-23T17:10:24Z to 2037-12-08T17:10:24Z; key RSA 2048; certificate signature algorithm SHA1withRSA; SHA-256 fingerprint 43238d512c1e5eb2d6569f4a3afbf5523418b82e0a3ed1552770abb9a9c9ccab; SHA-1 fingerprint 05f2e65928088981b317fc9a6dbfe04b0fa13b4e. Android checks neither the chain nor the validity period, only the certificate itself; the subject name is whatever the signer typed and proves no identity.
Evidence `F-Droid.apk @ signing certificate (v1, v2, v3) = 43238d512c1e5eb2d6569f4a3afbf5523418b82e0a3ed1552770abb9a9c9ccab`
Finding ID `014ae073a4234f51`

○ Info ✓ Verified **Other data in the signing block**
Besides signatures, the APK Signing Block holds 1 other entry: verity padding (0x42726577).
Evidence `F-Droid.apk @ APK Signing Block id 0x42726577 = {"size":980}`
Finding ID `a8bd6f2d6862cd13`

4 Structure • 4 kinds / 4 findings

○ Info → Derived **Size**
973 files, 29454787 bytes in all. The input itself holds 1 file (12774751 bytes); a further 976 files (30675846 bytes) were unpacked from 4 containers, nested up to 2 deep.
Evidence `F-Droid.apk = 1`
Finding ID `bf1491182d9edbaf`

○ Info → Derived **Size by type**
The largest type is dex: 3 files, 20590276 bytes, 69.9% of all content. The full breakdown is in the summary data structure.by_type.
Evidence `F-Droid.apk/classes.dex = dex`
Finding ID `086e19553cdb58dd`

○ Info ✓ Verified **Largest file**
The largest file is F-Droid.apk/classes2.dex (9625192 bytes). The top 25 are in the summary data structure.largest.
Evidence `F-Droid.apk/classes2.dex = 9625192`
Finding ID `5bcc818864cf3c2b`

○ Info ✓ Verified **Identical files**
53 groups of files have identical content (same SHA-256); the repeated copies add up to 180150 bytes.
Evidence `F-Droid.apk/META-INF/androidx/annotation/annotation/LICENSE.txt = 809fa1ed21450f59827d1e9aec720bbc4b687434fa22283c6cb5dd82a47ab9c0`
Evidence `F-Droid.apk/META-INF/androidx/collection/collection-ktx/LICENSE.txt = 809fa1ed21450f59827d1e9aec720bbc4b687434fa22283c6cb5dd82a47ab9c0`
Evidence `F-Droid.apk/META-INF/androidx/collection/collection/LICENSE.txt = 809fa1ed21450f59827d1e9aec720bbc4b687434fa22283c6cb5dd82a47ab9c0`
Evidence `F-Droid.apk/META-INF/androidx/constraintlayout/constraintlayout-core/LICENSE.txt = 809fa1ed21450f59827d1e9aec720bbc4b687434fa22283c6cb5dd82a47ab9c0`
Finding ID `54c70dee976ee86f`

5 Technology and composition • 8 kinds / 20 findings

○ Info × 4 • Verified **Linked libraries** 4 findings
Linked libraries (3): libm.so, libdl.so, libc.so. The full list is in the fact binary.libraries.
The same holds 4 times, for `…/arm64-v8a/libandroidx.graphics.path.so`, `…/armeabi-v7a/libandroidx.graphics.path.so`, `…/x86/libandroidx.graphics.path.so`, `…/x86_64/libandroidx.graphics.path.so`

○ Info × 8 • Verified **Compiler identification** 8 findings
The .comment section records the compiler identification: Linker: LLD 14.0.7.
The same holds 4 times, for `…/arm64-v8a/libandroidx.graphics.path.so`, `…/armeabi-v7a/libandroidx.graphics.path.so`, `…/x86/libandroidx.graphics.path.so`, `…/x86_64/libandroidx.graphics.path.so`
The .comment section records the compiler identification: Android (9352603, based on r450784d1) clang version 14.0.7 (https://android.googlesource.com/toolchain/llvm-project 4c603efb0cca074e9238af8b4106c30add4418f6).
The same holds 4 times, for `…/arm64-v8a/libandroidx.graphics.path.so`, `…/armeabi-v7a/libandroidx.graphics.path.so`, `…/x86/libandroidx.graphics.path.so`, `…/x86_64/libandroidx.graphics.path.so`

○ Info × 3 • Derived **App framework** 3 findings
`…/classes.dex`
The app is built with Jetpack Compose (Google). This follows from class packages, native libraries or marker files in the package.
`…/classes.dex`
The app is built with Compose Multiplatform (JetBrains). This follows from class packages, native libraries or marker files in the package.
`…/classes.dex`
The app is built with Kotlin (JetBrains): 4 kotlin_module files. This follows from class packages, native libraries or marker files in the package.

○ Info → Derived **Third-party SDK**
The package contains ACRA (ACRA, category: crash reporting / monitoring). This follows from the SDK's class packages or native libraries being present; it does not show the SDK is active.
Evidence `F-Droid.apk/classes2.dex @ class package = org.acra`
Finding ID `defc94be19ef0706`

○ Info → Derived **Common libraries**

The package contains 10 well-known general-purpose libraries: OkHttp, Glide, Coil, Kotlin coroutines, Ktor, Dagger / Hilt, Room, WorkManager, Bouncy Castle, ZXing (barcodes).

Evidence `F-Droid.apk/classes2.dex @ class package = okhttp3`
Evidence `F-Droid.apk/classes.dex @ class package = com.bumptech.glide`
Evidence `F-Droid.apk/classes.dex @ class package = coil3`
Evidence `F-Droid.apk/classes.dex @ class package = kotlinx.coroutines`
Evidence `F-Droid.apk/classes2.dex @ class package = io.ktor`
5 more pieces of evidence not shown here
Finding ID `a1efce42a8174c21`

○ Info ✓ Verified **Native libraries**

The package holds 4 native libraries, by ABI: arm64-v8a (1), armeabi-v7a (1), x86 (1), x86_64 (1).

Evidence `F-Droid.apk/lib/arm64-v8a/libandroidx.graphics.path.so = 10096`
Evidence `F-Droid.apk/lib/armeabi-v7a/libandroidx.graphics.path.so = 7252`
Evidence `F-Droid.apk/lib/x86/libandroidx.graphics.path.so = 9284`
Evidence `F-Droid.apk/lib/x86_64/libandroidx.graphics.path.so = 10760`
Finding ID `e45edd9d4771dca6`

○ Info ✓ Verified **Build information**

Information left by the build tools: Android Gradle plugin 9.2.1; 109 library version files (META-INF/*.version); baseline profile.

Evidence `F-Droid.apk/META-INF/com/android/build/gradle/app-metadata.properties @ app_metadata_version = 1.1`
Evidence `F-Droid.apk/META-INF/com/android/build/gradle/app-metadata.properties @ android_gradle_plugin = 9.2.1`
Evidence `F-Droid.apk/assets/dexopt/baseline.prof = 10964`
Evidence `F-Droid.apk/META-INF/androidx.activity_activity-compose.version = 109`
Finding ID `2af4feee51db53a7`

○ Info → Derived **Component list**

11 software components were read from manifests and metadata in the package (android-sdk: 11). Only components that declare themselves are listed; libraries compiled statically into a program are not. The full list is in the summary data composition.components and can be exported as CycloneDX.

Evidence `F-Droid.apk = ACRA`
Finding ID `78e2af45ea33eab3`

6 Permissions and capabilities • 9 kinds / 18 findings

● Low × 8 • Derived **Dangerous permission requested** 8 findings

`…/AndroidManifest.xml`

The app requests the dangerous permission android.permission.READ_EXTERNAL_STORAGE: Read files on shared storage. The user must agree at run time (limits: -). The level comes from the embedded AOSP permission table.

`…/AndroidManifest.xml`

The app requests the dangerous permission android.permission.POST_NOTIFICATIONS: Show notifications. The user must agree at run time (limits: -). The level comes from the embedded AOSP permission table.

`…/AndroidManifest.xml`

The app requests the dangerous permission android.permission.BLUETOOTH_SCAN: Find nearby Bluetooth devices. The user must agree at run time (limits: neverForLocation). The level comes from the embedded AOSP permission table.

`…/AndroidManifest.xml`

The app requests the dangerous permission android.permission.CAMERA: Take pictures and record video. The user must agree at run time (limits: -). The level comes from the embedded AOSP permission table.

`…/AndroidManifest.xml`

The app requests the dangerous permission android.permission.BLUETOOTH_ADVERTISE: Make the device visible to nearby Bluetooth devices. The user must agree at run time (limits: -). The level comes from the embedded AOSP permission table.

…/AndroidManifest.xml
The app requests the dangerous permission android.permission.WRITE_EXTERNAL_STORAGE: Write files on shared storage. The user must agree at run time (limits: -). The level comes from the embedded AOSP permission table.
…/AndroidManifest.xml
The app requests the dangerous permission android.permission.ACCESS_COARSE_LOCATION: Read the approximate device location. The user must agree at run time (limits: maxSdkVersion 30). The level comes from the embedded AOSP permission table.
…/AndroidManifest.xml
The app requests the dangerous permission android.permission.BLUETOOTH_CONNECT: Connect to paired Bluetooth devices. The user must agree at run time (limits: -). The level comes from the embedded AOSP permission table.

● Low × 3 • Derived **Special permission requested** 3 findings
…/AndroidManifest.xml
The app requests the special permission android.permission.WRITE_SETTINGS: Change system settings. The user must switch it on in system settings (limits: -). The level comes from the embedded AOSP permission table.
…/AndroidManifest.xml
The app requests the special permission android.permission.REQUEST_INSTALL_PACKAGES: Ask the user to install other apps. The user must switch it on in system settings (limits: -). The level comes from the embedded AOSP permission table.
…/AndroidManifest.xml
The app requests the special permission android.permission.MANAGE_EXTERNAL_STORAGE: Read and write all files on shared storage. The user must switch it on in system settings (limits: -). The level comes from the embedded AOSP permission table.

● Low → Derived **Exported activities without a protecting permission**
2 activities (launcher entries aside) can be started by any other app and are not protected by a signature-level permission: org.fdroid.ui.panic.PanicActivity, org.fdroid.ui.panic.PanicResponderActivity. The exported state is derived from the manifest by the platform's rules; whether it is a risk depends on how these screens handle what they are sent.
Evidence `F-Droid.apk/AndroidManifest.xml @ 18388+8 = org.fdroid.ui.panic.PanicActivity`
Evidence `F-Droid.apk/AndroidManifest.xml @ 18828+8 = org.fdroid.ui.panic.PanicResponderActivity`
Standards CWE-926, MASVS-PLATFORM-1 Finding ID `48488f821c0bc74d`

○ Info → Derived **Normal permissions**
The app requests 17 normal permissions (granted at install without asking): android.permission.ACCESS_WIFI_STATE, android.permission.CHANGE_WIFI_MULTICAST_STATE, android.permission.CHANGE_NETWORK_STATE, android.permission.CHANGE_WIFI_STATE, android.permission.BLUETOOTH, android.permission.BLUETOOTH_ADMIN, android.permission.RECEIVE_BOOT_COMPLETED, android.permission.FOREGROUND_SERVICE_CONNECTED_DEVICE, android.permission.WAKE_LOCK, android.permission.INTERNET, android.permission.ACCESS_NETWORK_STATE, android.permission.FOREGROUND_SERVICE, android.permission.FOREGROUND_SERVICE_DATA_SYNC, android.permission.REQUEST_DELETE_PACKAGES, android.permission.ENFORCE_UPDATE_OWNERSHIP, android.permission.UPDATE_PACKAGES_WITHOUT_USER_ACTION, android.permission.QUERY_ALL_PACKAGES. The android.permissions fact describes each.
Evidence `F-Droid.apk/AndroidManifest.xml @ uses-permission@android:name = android.permission.ACCESS_WIFI_STATE`
Evidence `F-Droid.apk/AndroidManifest.xml @ uses-permission@android:name = android.permission.CHANGE_WIFI_MULTICAST_STATE`
Evidence `F-Droid.apk/AndroidManifest.xml @ uses-permission@android:name = android.permission.CHANGE_NETWORK_STATE`
Evidence `F-Droid.apk/AndroidManifest.xml @ uses-permission@android:name = android.permission.CHANGE_WIFI_STATE`
Evidence `F-Droid.apk/AndroidManifest.xml @ uses-permission@android:name = android.permission.BLUETOOTH`
12 more pieces of evidence not shown here
Finding ID `c84ccc77cb50beb5`

○ Info → Derived **Other permissions**

The app requests 1 permission that are not in the embedded platform table (defined by this app, by other apps or by device vendors): android.permission.ACCESS_LOCAL_NETWORK.

Evidence `F-Droid.apk/AndroidManifest.xml @ uses-permission@android:name = android.permission.ACCESS_LOCAL_NETWORK`
Finding ID `de6320a9a3c94dd1`

○ Info ✓ Verified **Permissions the app defines**

The app defines 2 permissions: org.fdroid.fdroid.permission.UPDATE_REPOS, org.fdroid.fdroid.DYNAMIC_RECEIVER_NOT_EXPORTED_PERMISSION. 0 of them have a protection level below signature, so any other app gets them by asking.

Evidence `F-Droid.apk/AndroidManifest.xml @ permission[org.fdroid.fdroid.permission.UPDATE_REPOS]@android:protectionLevel = 18`
Evidence `F-Droid.apk/AndroidManifest.xml @ permission[org.fdroid.fdroid.DYNAMIC_RECEIVER_NOT_EXPORTED_PERMISSION]@android:protectionLevel = 2`
Finding ID `41c66f30ed7be02f`

○ Info ✓ Verified **Other apps it can see**

The manifest's queries element lets the app see 0 named apps and the apps matching 3 kinds of intent, for example: android.intent.action.SEND, android.intent.action.SEND_MULTIPLE, android.intent.action.SENDTO.

Evidence `F-Droid.apk/AndroidManifest.xml @ queries/intent = android.intent.action.SEND`
Evidence `F-Droid.apk/AndroidManifest.xml @ queries/intent = android.intent.action.SEND_MULTIPLE`
Evidence `F-Droid.apk/AndroidManifest.xml @ queries/intent = android.intent.action.SENDTO`
Finding ID `8f3eaf5643de6de1`

○ Info ✓ Verified **App components**

The manifest declares 13 activities, 10 services, 9 broadcast receivers and 4 content providers; 8 of them are open to other apps (exported).

Evidence `F-Droid.apk/AndroidManifest.xml = 36`
Finding ID `96a513de63a2f3e6`

○ Info ✓ Verified **Links that open the app**

The app registers 7 kinds of links that open it, for example: FDROIDREPOS://, fdroidrepos://, https://cloudflare.f-droid.org/packages/, https://f-droid.org/packages/, https://fdroid.link, https://staging.f-droid.org/packages/, market://details. Custom schemes: FDROIDREPOS, fdroidrepos, market; hosts with automatic verification (App Links): cloudflare.f-droid.org, f-droid.org, fdroid.link, staging.f-droid.org. Any web page or app can send data into the app through these links.

Evidence `F-Droid.apk/AndroidManifest.xml @ 21248+8 = org.fdroid.MainActivity`
Standards MASVS-PLATFORM-1 Finding ID `003f5d5775174af0`

7 Hardening • 7 kinds / 16 findings

◆ Medium ✓ Verified **Cleartext network traffic allowed**

The app is allowed to use unencrypted connections such as plain HTTP: the network security configuration's base-config says so. Cleartext traffic can be read and altered by anyone on the network path.

Evidence `F-Droid.apk/AndroidManifest.xml @ application@android:networkSecurityConfig = res/8G.xml`
Standards CWE-319, MASVS-NETWORK-1 Finding ID `d029abe2f64bd3ac`

◆ Medium ✓ Verified **User-installed CAs are trusted**

The network security configuration makes the app trust CA certificates the user installed (scope: all connections), and not only in debug builds. On a device with such a certificate, HTTPS traffic can be intercepted.

Evidence `F-Droid.apk/res/8G.xml @ trust-anchors/certificates@src = user`
Standards CWE-295, MASVS-NETWORK-1 Finding ID `7d7803a935fe95b2`

Low ✓Verified **App data may be backed up**
android:allowBackup is set to true, so the app's data can leave the device through system backup (and adb backup on older versions). Backup rules: res/Qq.xml, res/Lz.xml.
Evidence `F-Droid.apk/AndroidManifest.xml @ application@android:allowBackup = true`
Evidence `F-Droid.apk/AndroidManifest.xml @ application@android:fullBackupContent = res/Qq.xml`
Evidence `F-Droid.apk/AndroidManifest.xml @ application@android:dataExtractionRules = res/Lz.xml`
Standards MASVS-STORAGE-2 Finding ID `97eef2bdd4600872`

○ Info × 4 • Derived **Stack canary** 4 findings
The stack-protector symbol __stack_chk_fail is referenced, so at least part of the code was built with stack-overflow detection. This is inferred from the symbol.
The same holds 4 times, for `…/arm64-v8a/libandroidx.graphics.path.so`, `…/armeabi-v7a/libandroidx.graphics.path.so`, `…/x86/libandroidx.graphics.path.so`, `…/x86_64/libandroidx.graphics.path.so`

○ Info × 4 • Verified **Non-executable stack (NX)** 4 findings
PT_GNU_STACK has no execute flag: data on the stack cannot run as code.
The same holds 4 times, for `…/arm64-v8a/libandroidx.graphics.path.so`, `…/armeabi-v7a/libandroidx.graphics.path.so`, `…/x86/libandroidx.graphics.path.so`, `…/x86_64/libandroidx.graphics.path.so`

○ Info × 4 • Verified **Full RELRO** 4 findings
PT_GNU_RELRO is present and immediate binding (BIND_NOW) is requested: once relocation is done, relocation data including the GOT becomes read-only.
The same holds 4 times, for `…/arm64-v8a/libandroidx.graphics.path.so`, `…/armeabi-v7a/libandroidx.graphics.path.so`, `…/x86/libandroidx.graphics.path.so`, `…/x86_64/libandroidx.graphics.path.so`

○ Info ✓Verified **How native libraries are installed**
android:extractNativeLibs=false: native libraries are loaded straight from the APK, which needs them stored uncompressed and page-aligned.
Evidence `F-Droid.apk/AndroidManifest.xml @ application@android:extractNativeLibs = false`
Finding ID `7239ff6dc71d1480`

8 Network and endpoints • 1 kind / 1 finding

○ Info ✓Verified **Hosts mentioned in the files**
150 distinct URLs pointing at 70 hosts were found in 534 files. These are addresses written in the files; the program does not necessarily contact them.
Evidence `F-Droid.apk/classes2.dex = 127.0.0.1`
Evidence `F-Droid.apk/classes3.dex = 4everland.io`
Evidence `F-Droid.apk/lib/arm64-v8a/libandroidx.graphics.path.so = android.googlesource.com`
Evidence `F-Droid.apk/classes2.dex = apt.izzysoft.de`
Evidence `F-Droid.apk/classes2.dex = archive.newpipe.net`
5 more pieces of evidence not shown here
Finding ID `98805f67fd4189ca`

9 Secrets

No findings in this chapter. This means no enabled check matched, not that nothing of the kind exists.

10 Privacy • 5 kinds / 5 findings

Low → Derived **Code refers to device identifier APIs**
The DEX method reference tables name APIs that read device or SIM identifiers: Landroid/telephony/TelephonyManager;->getDeviceId. The code refers to them; that does not show they are called at run time.
Evidence `F-Droid.apk/classes2.dex @ method_ids[798] = Landroid/telephony/TelephonyManager;->getDeviceId`
Standards MASVS-PRIVACY-1 Finding ID `04fb3d0c0c3a78b6`

Low → Derived **Code refers to APIs that list installed apps**
The DEX method reference tables name APIs that list the apps installed on the device: Landroid/content/pm/PackageManager;->getInstalledPackages. The code refers to them; that does not show they are called at run time.
Evidence `F-Droid.apk/classes2.dex @ method_ids[299] = Landroid/content/pm/PackageManager;→getInstalledPackages`
Standards MASVS-PRIVACY-1 Finding ID `f21e36642c4aaf78`

Info → Derived **Code refers to location APIs**
The DEX method reference tables name APIs that obtain the location: Landroid/location/LocationManager;->getLastKnownLocation. The code refers to them; that does not show they are called at run time.
Evidence `F-Droid.apk/classes.dex @ method_ids[1306] = Landroid/location/LocationManager;→getLastKnownLocation`
Standards MASVS-PRIVACY-1 Finding ID `86ce808201b13215`

Info → Derived **Code refers to camera APIs**
The DEX method reference tables name APIs that open the camera: Landroid/hardware/Camera;->open. The code refers to them; that does not show they are called at run time.
Evidence `F-Droid.apk/classes2.dex @ method_ids[600] = Landroid/hardware/Camera;→open`
Standards MASVS-PRIVACY-1 Finding ID `a516cd60c5e204e2`

Info → Derived **Code refers to clipboard reading APIs**
The DEX method reference tables name APIs that read the clipboard: Landroid/content/ClipboardManager;->getPrimaryClip. The code refers to them; that does not show they are called at run time.
Evidence `F-Droid.apk/classes.dex @ method_ids[358] = Landroid/content/ClipboardManager;->getPrimaryClip`
Standards MASVS-PRIVACY-1 Finding ID `0056abb55dde0ddb`

11 Code insight • 13 kinds / 19 findings

Low → Derived **Code refers to command execution APIs**
The DEX method reference tables name APIs that run system commands: Ljava/lang/ProcessBuilder;->start, Ljava/lang/Runtime;->exec. The code refers to them; that does not show they are called at run time.
Evidence `F-Droid.apk/classes2.dex @ method_ids[10190] = Ljava/lang/ProcessBuilder;→start`
Evidence `F-Droid.apk/classes2.dex @ method_ids[10193] = Ljava/lang/Runtime;→exec`
Standards MASVS-CODE-4 Finding ID `ad6909d6e9c2e85f`

Low → Derived **Code refers to accessibility action APIs**
The DEX method reference tables name APIs that click or act for the user through an accessibility service: Landroid/view/accessibility/AccessibilityNodeInfo;->performAction. The code refers to them; that does not show they are called at run time.
Evidence `F-Droid.apk/classes.dex @ method_ids[2821] = Landroid/view/accessibility/AccessibilityNodeInfo;->performAction`
Finding ID `eed9c9c2e9c61736`

Low → Derived **Code refers to package installation APIs**
The DEX method reference tables name APIs that install apps: Landroid/content/pm/PackageInstaller;->createSession. The code refers to them; that does not show they are called at run time.
Evidence `F-Droid.apk/classes2.dex @ method_ids[285] = Landroid/content/pm/PackageInstaller;->createSession`
Finding ID `1685cfc9d3f78364`

Low ≈ Heuristic **Custom hostname verifiers**
1 class implements HostnameVerifier: org.fdroid.download.HttpManagerKt$getHttpClientEngineFactory$1$$ExternalSyntheticLambda0 (1 more inside well-known network and crypto libraries are not listed). A custom implementation may accept any host name; that cannot be confirmed without decompiling.
Evidence `F-Droid.apk/classes2.dex @ class_defs = Lorg/fdroid/download/HttpManagerKt$getHttpClientEngineFactory$1$$ExternalSyntheticLambda0;`
Standards CWE-295, MASVS-NETWORK-1 Finding ID `4daa1417bc493bce`

Low ≈ Heuristic Possibly weak ciphers or modes

String constants name weak ciphers or modes: AES, Blowfish, DES, DESede, RC4 (DES and RC4 are broken; ECB reveals repetition in the data; a bare "AES" defaults to ECB). This is a string match; they may come from a library or be unused.

Evidence `F-Droid.apk/classes2.dex @ string_ids = AES`
Evidence `F-Droid.apk/classes2.dex @ string_ids = Blowfish`
Evidence `F-Droid.apk/classes2.dex @ string_ids = DES`
Evidence `F-Droid.apk/classes2.dex @ string_ids = DESede`
Evidence `F-Droid.apk/classes2.dex @ string_ids = RC4`
Standards CWE-327, MASVS-CRYPTO-1 Finding ID `7be55e9bad9ca21f`

○ Info × 4 • Verified Symbols stripped 4 findings

Names of internal functions and variables have been stripped; only the names dynamic linking needs remain.

The same holds 4 times, for `…/arm64-v8a/libandroidx.graphics.path.so`, `…/armeabi-v7a/libandroidx.graphics.path.so`, `…/x86/libandroidx.graphics.path.so`, `…/x86_64/libandroidx.graphics.path.so`

○ Info × 4 • Verified Imported and exported symbols 4 findings

Imported symbols: 7; exported symbols: 1. The lists are in the facts binary.imports and binary.exports.

The same holds 3 times, for `…/arm64-v8a/libandroidx.graphics.path.so`, `…/x86/libandroidx.graphics.path.so`, `…/x86_64/libandroidx.graphics.path.so`
`…/armeabi-v7a/libandroidx.graphics.path.so`
Imported symbols: 8; exported symbols: 1. The lists are in the facts binary.imports and binary.exports.

○ Info ✓ Verified DEX code overview

The package has 3 DEX files (format version 037) defining 24530 classes and referring to 139907 methods, 60355 fields and 137912 strings; 8 methods are implemented in native code.

Evidence `F-Droid.apk/classes.dex @ 88+16 = {"classes":11168,"methods":65003}`
Evidence `F-Droid.apk/classes2.dex @ 88+16 = {"classes":11271,"methods":65236}`
Evidence `F-Droid.apk/classes3.dex @ 88+16 = {"classes":2091,"methods":9668}`
Finding ID `c5838959715ec9dd`

○ Info ✓ Verified Code packages

The classes fall into 111 top-level packages; the largest: androidx.compose (7472), org.fdroid (3890), org.bouncycastle (3533), kotlin.reflect (2333), io.ktor (643), com.google (573), androidx.core (551), kotlinx.coroutines (444), androidx.work (442), androidx.appcompat (353), kotlinx.serialization (324), androidx.room (271).

Evidence `F-Droid.apk/classes.dex = [{"classes":7472,"package":"androidx.compose"},{"classes":3890,"package":"org.fdroid"},{"classes":3533,"package":"org.bouncycastle"},{"classes":2333,"package":"…`
Finding ID `79d86b55c52ebec9`

○ Info → Derived Code refers to native library loading APIs

The DEX method reference tables name APIs that load native libraries: Ljava/lang/System;->loadLibrary.

Evidence `F-Droid.apk/classes.dex @ method_ids[62813] = Ljava/lang/System;→loadLibrary`
Finding ID `cfe7b21fee92ed6b`

○ Info → Derived Code refers to reflection APIs

The DEX method reference tables name reflection APIs: Ljava/lang/Class;->forName, Ljava/lang/reflect/Method;->invoke. Reflection is common, and it hides the actual call targets from static analysis.

Evidence `F-Droid.apk/classes.dex @ method_ids[62558] = Ljava/lang/Class;→forName`
Evidence `F-Droid.apk/classes.dex @ method_ids[62875] = Ljava/lang/reflect/Method;→invoke`
Finding ID `3541574211ed81f0`

○ Info ≈ Heuristic **Cipher names in the code**

The code refers to Cipher.getInstance, and 18 string constants are shaped like cipher transformations: AES, AES/CCM/NoPadding, Blowfish, DES, DESede, RC4, RSA, RSA/ECB/OAEPPadding, RSA/ECB/OAEPWithSHA-1AndMGF1Padding, RSA/ECB/OAEPWithSHA-224AndMGF1Padding, RSA/ECB/OAEPWithSHA-256AndMGF1Padding, RSA/ECB/OAEPWithSHA-384AndMGF1Padding … (+6). Which string goes to which call is not established.

Evidence `F-Droid.apk/classes2.dex @ string_ids = AES`
Evidence `F-Droid.apk/classes2.dex @ string_ids = AES/CCM/NoPadding`
Evidence `F-Droid.apk/classes2.dex @ string_ids = Blowfish`
Evidence `F-Droid.apk/classes2.dex @ string_ids = DES`
Evidence `F-Droid.apk/classes2.dex @ string_ids = DESede`
7 more pieces of evidence not shown here
Finding ID `950db00f56185a14`

○ Info ≈ Heuristic **Possibly outdated digests**

The code refers to MessageDigest.getInstance, and string constants name outdated digests: MD2, MD4, MD5, SHA-1, SHA1. MD5 and SHA-1 must not be used for security purposes, though they are fine as checksums; this is a string match.

Evidence `F-Droid.apk/classes2.dex @ string_ids = MD2`
Evidence `F-Droid.apk/classes2.dex @ string_ids = MD4`
Evidence `F-Droid.apk/classes2.dex @ string_ids = MD5`
Evidence `F-Droid.apk/classes2.dex @ string_ids = SHA-1`
Evidence `F-Droid.apk/classes2.dex @ string_ids = SHA1`
Standards CWE-328, MASVS-CRYPTO-1 Finding ID `78ecf3e3f67453ba`

12 Anomalies · 1 kind / 1 finding

○ Info ≈ Heuristic **Unrecognised high-entropy data**

The file type is not recognised and its entropy is 7.9553 (of 8). Data like this is usually compressed, encrypted or packed; what it holds cannot be told.

Evidence `F-Droid.apk/assets/dexopt/baseline.prof = 7.9553`
Finding ID `3559f3ae02395400`

13 File inventory

Path	Size (bytes)	Type	Entropy	SHA-256
`F-Droid.apk`	12774751	apk (application/zip) · unpacked by zip	7.8304	`dac55a0d17b1edf7e7286b48cfbd70c7c52fbb32a00af062c68830a437c47959`
`F-Droid.apk/AndroidManifest.xml`	29980	android-manifest (application/octet-stream)	3.6107	`f90855e4e6dd23d552040c847b5cb8e82fd7f40c10a9b5ca2e9d821ce50a021c`
`F-Droid.apk/DebugProbesKt.bin`	1728	application/java	5.3893	`065bd792b8527764f33147188302af5bf9e2a8da40fde0830dc111ad26dae40e`
`F-Droid.apk/META-INF/CIARANG.RSA`	1350	application/x-x509-ca-cert	7.3444	`42c4246fc8ce163c3393c99af374db9d07258f844618166d3fb8b14b0c4266d5`
`F-Droid.apk/META-INF/CIARANG.SF`	102622	text/plain	5.8793	`ec74d3d6f2fed7bc1249b6bd3c9c60c22d371bdd61421dcdf7514fc9cf7e91d6`
`F-Droid.apk/META-INF/INDEX.LIST`	307	text/plain	4.6745	`e4b379fb5198db3321ada9ebbfde3ecf0cc25828f97143a78dae12e9c21da2c9`
`F-Droid.apk/META-INF/MANIFEST.MF`	102495	text/plain	5.8771	`e766c1da43f1f935598e0a4a2d96972d3304227be8c6196290c22224c7a16c0f`
`F-Droid.apk/META-INF/NOTICE.md`	1074	text/plain	4.7444	`992ed62dd3ee17d73ce6a4a5e02dd0fed9eb326bf386aa5304e6a512214df540`
`F-Droid.apk/META-INF/androidx.activity_activity-compose.version`	7	text/plain	2.2359	`b4a9545a385e9701482be56a0efee678d467d9c586ec476f2c5986cfaa24e96c`
`F-Droid.apk/META-INF/androidx.activity_activity-ktx.version`	7	text/plain	2.2359	`b4a9545a385e9701482be56a0efee678d467d9c586ec476f2c5986cfaa24e96c`
`F-Droid.apk/META-INF/androidx.activity_activity.version`	7	text/plain	2.2359	`b4a9545a385e9701482be56a0efee678d467d9c586ec476f2c5986cfaa24e96c`

Path	Size (bytes)	Type	Entropy	SHA-256
F-Droid.apk/META-INF/androidx.annotation_annotation-experimental.version	6	text/plain	1.9183	dfe7d71b3f428eb73ed853f8fded65e2986896e21d69f45ebf06bb623b450e14
F-Droid.apk/META-INF/androidx.appcompat_appcompat-resources.version	6	text/plain	1.9183	249182a01164b81a5f7af87e5c5cdbd3344a80a7a66dfca624cecfb1501b2420
F-Droid.apk/META-INF/androidx.appcompat_appcompat.version	6	text/plain	1.9183	249182a01164b81a5f7af87e5c5cdbd3344a80a7a66dfca624cecfb1501b2420
F-Droid.apk/META-INF/androidx.arch.core_core-runtime.version	67	text/plain	4.2337	1b7c606370188534dac5561fba2b2988093829697fce9e6e8832e9291d24ed00
F-Droid.apk/META-INF/androidx.autofill_autofill.version	6	text/plain	1.9183	59854984853104df5c353e2f681a15fc7924742f9a2e468c29af248dce45ce03
F-Droid.apk/META-INF/androidx.cardview_cardview.version	6	text/plain	1.9183	59854984853104df5c353e2f681a15fc7924742f9a2e468c29af248dce45ce03
F-Droid.apk/META-INF/androidx.compose.animation_animation-core.version	14	text/plain	3.1820	704bf355836badd4f414fb467de8540f2e8664b28dfc245eb03628a66e57134b
F-Droid.apk/META-INF/androidx.compose.animation_animation.version	14	text/plain	3.1820	704bf355836badd4f414fb467de8540f2e8664b28dfc245eb03628a66e57134b
F-Droid.apk/META-INF/androidx.compose.foundation_foundation-layout.version	14	text/plain	3.1820	704bf355836badd4f414fb467de8540f2e8664b28dfc245eb03628a66e57134b
F-Droid.apk/META-INF/androidx.compose.foundation_foundation.version	14	text/plain	3.1820	704bf355836badd4f414fb467de8540f2e8664b28dfc245eb03628a66e57134b
F-Droid.apk/META-INF/androidx.compose.material3.adaptive_adaptive-layout.version	11	text/plain	2.9140	f214ea38d54d0f4a6a6bdb3cb173d5051edd52ed374c9fab07db3a8996b030c1
F-Droid.apk/META-INF/androidx.compose.material3.adaptive_adaptive-navigation.version	11	text/plain	2.9140	f214ea38d54d0f4a6a6bdb3cb173d5051edd52ed374c9fab07db3a8996b030c1
F-Droid.apk/META-INF/androidx.compose.material3.adaptive_adaptive-navigation3.version	11	text/plain	2.9140	f214ea38d54d0f4a6a6bdb3cb173d5051edd52ed374c9fab07db3a8996b030c1
F-Droid.apk/META-INF/androidx.compose.material3.adaptive_adaptive.version	11	text/plain	2.9140	f214ea38d54d0f4a6a6bdb3cb173d5051edd52ed374c9fab07db3a8996b030c1
F-Droid.apk/META-INF/androidx.compose.material3_material3-ripple.version	14	text/plain	3.3788	f208013bb7a035f933c94eb0f5c26a222285a2820b55bf3d5c0e3c87e6afc572
F-Droid.apk/META-INF/androidx.compose.material3_material3.version	14	text/plain	3.3788	f208013bb7a035f933c94eb0f5c26a222285a2820b55bf3d5c0e3c87e6afc572
F-Droid.apk/META-INF/androidx.compose.material_material-icons-core.version	6	text/plain	2.2516	068eaa526351c4d1f6a42f79ae5fa0a7d2b74501a0824727fb6baa2db3c61cce
F-Droid.apk/META-INF/androidx.compose.material_material-icons-extended.version	6	text/plain	2.2516	068eaa526351c4d1f6a42f79ae5fa0a7d2b74501a0824727fb6baa2db3c61cce
F-Droid.apk/META-INF/androidx.compose.material_material-ripple.version	14	text/plain	3.1820	704bf355836badd4f414fb467de8540f2e8664b28dfc245eb03628a66e57134b
F-Droid.apk/META-INF/androidx.compose.material_material.version	7	text/plain	1.8424	4e97c250b56482df3901c4997b35a97bfd117acd2caa13a6e8f30276e50735df
F-Droid.apk/META-INF/androidx.compose.runtime_runtime-annotation.version	14	text/plain	3.1820	704bf355836badd4f414fb467de8540f2e8664b28dfc245eb03628a66e57134b
F-Droid.apk/META-INF/androidx.compose.runtime_runtime-retain.version	14	text/plain	3.1820	704bf355836badd4f414fb467de8540f2e8664b28dfc245eb03628a66e57134b
F-Droid.apk/META-INF/androidx.compose.runtime_runtime-saveable.version	14	text/plain	3.1820	704bf355836badd4f414fb467de8540f2e8664b28dfc245eb03628a66e57134b
F-Droid.apk/META-INF/androidx.compose.runtime_runtime.version	14	text/plain	3.1820	704bf355836badd4f414fb467de8540f2e8664b28dfc245eb03628a66e57134b
F-Droid.apk/META-INF/androidx.compose.ui_ui-geometry.version	14	text/plain	3.1820	704bf355836badd4f414fb467de8540f2e8664b28dfc245eb03628a66e57134b
F-Droid.apk/META-INF/androidx.compose.ui_ui-graphics.version	14	text/plain	3.1820	704bf355836badd4f414fb467de8540f2e8664b28dfc245eb03628a66e57134b
F-Droid.apk/META-INF/androidx.compose.ui_ui-text.version	14	text/plain	3.1820	704bf355836badd4f414fb467de8540f2e8664b28dfc245eb03628a66e57134b
F-Droid.apk/META-INF/androidx.compose.ui_ui-tooling-preview.version	14	text/plain	3.1820	704bf355836badd4f414fb467de8540f2e8664b28dfc245eb03628a66e57134b
F-Droid.apk/META-INF/androidx.compose.ui_ui-unit.version	14	text/plain	3.1820	704bf355836badd4f414fb467de8540f2e8664b28dfc245eb03628a66e57134b
F-Droid.apk/META-INF/androidx.compose.ui_ui-util.version	14	text/plain	3.1820	704bf355836badd4f414fb467de8540f2e8664b28dfc245eb03628a66e57134b

Path	Size (bytes)	Type	Entropy	SHA-256
F-Droid.apk/META-INF/androidx.compose.ui_ui.version	14	text/plain	3.1820	704bf355836badd4f414fb467de8540f2e8664b28dfc245eb03628a66e57134b
F-Droid.apk/META-INF/androidx.constraintlayout_constraintlayout.version	6	text/plain	1.9183	fe650098093fad42070e8a2cacfb216a6c416af57bd26dd6ff479fef69f8bc71
F-Droid.apk/META-INF/androidx.coordinatorlayout_coordinatorlayout.version	6	text/plain	1.9183	1575e1af4a95f12f70b4ee6a6adce8160953d93ea17dc2611b90883ccc3ad3b8
F-Droid.apk/META-INF/androidx.core_core-ktx.version	7	text/plain	2.2359	c55c898de5079ee498d5f051b29815688154292df4d72ab91f1edb5497ac4e6e
F-Droid.apk/META-INF/androidx.core_core-viewtree.version	6	text/plain	1.9183	59854984853104df5c353e2f681a15fc7924742f9a2e468c29af248dce45ce03
F-Droid.apk/META-INF/androidx.core_core.version	7	text/plain	2.2359	c55c898de5079ee498d5f051b29815688154292df4d72ab91f1edb5497ac4e6e
F-Droid.apk/META-INF/androidx.cursoradapter_cursoradapter.version	6	text/plain	1.9183	59854984853104df5c353e2f681a15fc7924742f9a2e468c29af248dce45ce03
F-Droid.apk/META-INF/androidx.customview_customview-poolingcontainer.version	6	text/plain	1.9183	59854984853104df5c353e2f681a15fc7924742f9a2e468c29af248dce45ce03
F-Droid.apk/META-INF/androidx.customview_customview.version	6	text/plain	2.2516	1e5b51cde515396a9fa762909cf8ca6584ccc564b325d2eebeea76175fe95c4d
F-Droid.apk/META-INF/androidx.documentfile_documentfile.version	6	text/plain	1.9183	1575e1af4a95f12f70b4ee6a6adce8160953d93ea17dc2611b90883ccc3ad3b8
F-Droid.apk/META-INF/androidx.drawerlayout_drawerlayout.version	6	text/plain	1.4591	cc52f678848b814373757b460383bf61960e4943c203735adde0a350b3e50989
F-Droid.apk/META-INF/androidx.dynamicanimation_dynamicanimation.version	6	text/plain	1.9183	1575e1af4a95f12f70b4ee6a6adce8160953d93ea17dc2611b90883ccc3ad3b8
F-Droid.apk/META-INF/androidx.emoji2_emoji2-views-helper.version	6	text/plain	2.2516	78b591400c56b7b67b8cb3b2b8a8e65e9093897f02ce0878e6b5405c68620fa7
F-Droid.apk/META-INF/androidx.emoji2_emoji2.version	6	text/plain	2.2516	78b591400c56b7b67b8cb3b2b8a8e65e9093897f02ce0878e6b5405c68620fa7
F-Droid.apk/META-INF/androidx.exifinterface_exifinterface.version	6	text/plain	2.2516	b99b4c7cdf236f59bc9f65d963deaecae3b16a7dad87939cacb9057f7664daee
F-Droid.apk/META-INF/androidx.fragment_fragment.version	6	text/plain	2.2516	879a67a197446479e783c8e22a58681fed324f09eac1ce808f6a5a4c5e1894ad
F-Droid.apk/META-INF/androidx.graphics_graphics-path.version	6	text/plain	1.9183	44e161e4495cac2cf7858043e9e6418e9579f0ddcfae826f9a372622968ce066
F-Droid.apk/META-INF/androidx.graphics_graphics-shapes.version	6	text/plain	1.9183	44e161e4495cac2cf7858043e9e6418e9579f0ddcfae826f9a372622968ce066
F-Droid.apk/META-INF/androidx.hilt_hilt-lifecycle-viewmodel-compose.version	6	text/plain	2.2516	64d23f858ef51b0f996e4966d4e27c0371b437e2d2787890b1f7ad22d4ec5663
F-Droid.apk/META-INF/androidx.hilt_hilt-lifecycle-viewmodel.version	6	text/plain	2.2516	64d23f858ef51b0f996e4966d4e27c0371b437e2d2787890b1f7ad22d4ec5663
F-Droid.apk/META-INF/androidx.hilt_hilt-navigation-compose.version	6	text/plain	2.2516	64d23f858ef51b0f996e4966d4e27c0371b437e2d2787890b1f7ad22d4ec5663
F-Droid.apk/META-INF/androidx.hilt_hilt-work.version	6	text/plain	2.2516	64d23f858ef51b0f996e4966d4e27c0371b437e2d2787890b1f7ad22d4ec5663
F-Droid.apk/META-INF/androidx.interpolator_interpolator.version	6	text/plain	1.9183	59854984853104df5c353e2f681a15fc7924742f9a2e468c29af248dce45ce03
F-Droid.apk/META-INF/androidx.lifecycle_lifecycle-livedata-core-ktx.version	7	text/plain	2.2359	f526f5e7f214e4916c51e16a61fb1be5d530d67e44c65d86db25b8416463b10c
F-Droid.apk/META-INF/androidx.lifecycle_lifecycle-livedata-core.version	7	text/plain	2.2359	f526f5e7f214e4916c51e16a61fb1be5d530d67e44c65d86db25b8416463b10c
F-Droid.apk/META-INF/androidx.lifecycle_lifecycle-livedata-ktx.version	7	text/plain	2.2359	f526f5e7f214e4916c51e16a61fb1be5d530d67e44c65d86db25b8416463b10c
F-Droid.apk/META-INF/androidx.lifecycle_lifecycle-livedata.version	7	text/plain	2.2359	f526f5e7f214e4916c51e16a61fb1be5d530d67e44c65d86db25b8416463b10c
F-Droid.apk/META-INF/androidx.lifecycle_lifecycle-process.version	7	text/plain	2.2359	f526f5e7f214e4916c51e16a61fb1be5d530d67e44c65d86db25b8416463b10c
F-Droid.apk/META-INF/androidx.lifecycle_lifecycle-runtime-compose.version	7	text/plain	2.2359	f526f5e7f214e4916c51e16a61fb1be5d530d67e44c65d86db25b8416463b10c
F-Droid.apk/META-INF/androidx.lifecycle_lifecycle-runtime-ktx.version	7	text/plain	2.2359	f526f5e7f214e4916c51e16a61fb1be5d530d67e44c65d86db25b8416463b10c
F-Droid.apk/META-INF/androidx.lifecycle_lifecycle-runtime.version	7	text/plain	2.2359	f526f5e7f214e4916c51e16a61fb1be5d530d67e44c65d86db25b8416463b10c

Path	Size (bytes)	Type	Entropy	SHA-256
F-Droid.apk/META-INF/androidx.lifecycle_lifecycle-service.version	7	text/plain	2.2359	f526f5e7f214e4916c51e16a61fb1be5d530d67e44c65d86db25b8416463b10c
F-Droid.apk/META-INF/androidx.lifecycle_lifecycle-viewmodel-compose.version	7	text/plain	2.2359	f526f5e7f214e4916c51e16a61fb1be5d530d67e44c65d86db25b8416463b10c
F-Droid.apk/META-INF/androidx.lifecycle_lifecycle-viewmodel-ktx.version	7	text/plain	2.2359	f526f5e7f214e4916c51e16a61fb1be5d530d67e44c65d86db25b8416463b10c
F-Droid.apk/META-INF/androidx.lifecycle_lifecycle-viewmodel-navigation3.version	7	text/plain	2.2359	f526f5e7f214e4916c51e16a61fb1be5d530d67e44c65d86db25b8416463b10c
F-Droid.apk/META-INF/androidx.lifecycle_lifecycle-viewmodel-savedstate.version	7	text/plain	2.2359	f526f5e7f214e4916c51e16a61fb1be5d530d67e44c65d86db25b8416463b10c
F-Droid.apk/META-INF/androidx.lifecycle_lifecycle-viewmodel.version	7	text/plain	2.2359	f526f5e7f214e4916c51e16a61fb1be5d530d67e44c65d86db25b8416463b10c
F-Droid.apk/META-INF/androidx.loader_loader.version	6	text/plain	1.9183	59854984853104df5c353e2f681a15fc7924742f9a2e468c29af248dce45ce03
F-Droid.apk/META-INF/androidx.localbroadcastmanager_localbroadcastmanager.version	6	text/plain	1.9183	1575e1af4a95f12f70b4ee6a6adce8160953d93ea17dc2611b90883ccc3ad3b8
F-Droid.apk/META-INF/androidx.navigation3_navigation3-runtime.version	6	text/plain	1.9183	1c60df040a80b6d2e3f56442b17d127d8620cd773873e6e1353362f989b1deca
F-Droid.apk/META-INF/androidx.navigation3_navigation3-ui.version	6	text/plain	1.9183	1c60df040a80b6d2e3f56442b17d127d8620cd773873e6e1353362f989b1deca
F-Droid.apk/META-INF/androidx.navigation_navigation-common.version	6	text/plain	2.2516	8113ce620372292c25fda221ad5e8adf77dbe71c92c2042f8ca1ec3dfe9c50a1
F-Droid.apk/META-INF/androidx.navigation_navigation-compose.version	6	text/plain	2.2516	8113ce620372292c25fda221ad5e8adf77dbe71c92c2042f8ca1ec3dfe9c50a1
F-Droid.apk/META-INF/androidx.navigation_navigation-runtime.version	6	text/plain	2.2516	8113ce620372292c25fda221ad5e8adf77dbe71c92c2042f8ca1ec3dfe9c50a1
F-Droid.apk/META-INF/androidx.navigationevent_navigationevent-compose.version	6	text/plain	1.9183	77123b8e4bdbd54505bf6e8021527ac60281602a06fe307564532c4dba39dbca
F-Droid.apk/META-INF/androidx.navigationevent_navigationevent.version	6	text/plain	1.9183	77123b8e4bdbd54505bf6e8021527ac60281602a06fe307564532c4dba39dbca
F-Droid.apk/META-INF/androidx.profileinstaller_profileinstaller.version	6	text/plain	1.9183	7d072b48526b023950e4c48db01e8c273554a6401119f5691e7589ba9bc65d9d
F-Droid.apk/META-INF/androidx.recyclerview_recyclerview.version	6	text/plain	1.9183	6cf4e084b47f33c9b02ef79279d157833868f8f70514169a768be353ee328fea
F-Droid.apk/META-INF/androidx.room_room-ktx.version	6	text/plain	2.2516	4b27eec369475e0403454478c25a1777503a969827259a25f597a903e91bd8d4
F-Droid.apk/META-INF/androidx.room_room-runtime.version	6	text/plain	2.2516	4b27eec369475e0403454478c25a1777503a969827259a25f597a903e91bd8d4
F-Droid.apk/META-INF/androidx.savedstate_savedstate-compose.version	6	text/plain	2.2516	78b591400c56b7b67b8cb3b2b8a8e65e9093897f02ce0878e6b5405c68620fa7
F-Droid.apk/META-INF/androidx.savedstate_savedstate-ktx.version	6	text/plain	2.2516	78b591400c56b7b67b8cb3b2b8a8e65e9093897f02ce0878e6b5405c68620fa7
F-Droid.apk/META-INF/androidx.savedstate_savedstate.version	6	text/plain	2.2516	78b591400c56b7b67b8cb3b2b8a8e65e9093897f02ce0878e6b5405c68620fa7
F-Droid.apk/META-INF/androidx.sqlite_sqlite-framework.version	6	text/plain	1.9183	8fde0552368c64879b3f23c72df5308bcee45ab7c4226ad2d18efd12d1f2e960
F-Droid.apk/META-INF/androidx.sqlite_sqlite.version	6	text/plain	1.9183	8fde0552368c64879b3f23c72df5308bcee45ab7c4226ad2d18efd12d1f2e960
F-Droid.apk/META-INF/androidx.startup_startup-runtime.version	6	text/plain	2.2516	1e5b51cde515396a9fa762909cf8ca6584ccc564b325d2eebeea76175fe95c4d
F-Droid.apk/META-INF/androidx.tracing_tracing-ktx.version	6	text/plain	2.2516	1e5b51cde515396a9fa762909cf8ca6584ccc564b325d2eebeea76175fe95c4d
F-Droid.apk/META-INF/androidx.tracing_tracing.version	6	text/plain	2.2516	1e5b51cde515396a9fa762909cf8ca6584ccc564b325d2eebeea76175fe95c4d
F-Droid.apk/META-INF/androidx.transition_transition.version	6	text/plain	2.2516	acb57a7135b2d7d6e665f67f056e21353023b93835f54def1ae523bf76f1bfb3
F-Droid.apk/META-INF/androidx.vectordrawable_vectordrawable-animated.version	6	text/plain	1.9183	1575e1af4a95f12f70b4ee6a6adce8160953d93ea17dc2611b90883ccc3ad3b8
F-Droid.apk/META-INF/androidx.vectordrawable_vectordrawable.version	6	text/plain	1.9183	1575e1af4a95f12f70b4ee6a6adce8160953d93ea17dc2611b90883ccc3ad3b8

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F-Droid.apk/META-INF/androidx.versionedparcelable_versionedparcelable.version	6	text/plain	1.4591	cc52f678848b814373757b460383bf61960e4943c203735adde0a350b3e50989
F-Droid.apk/META-INF/androidx.viewpager2_viewpager2.version	6	text/plain	1.9183	59854984853104df5c353e2f681a15fc7924742f9a2e468c29af248dce45ce03
F-Droid.apk/META-INF/androidx.viewpager_viewpager.version	6	text/plain	1.9183	59854984853104df5c353e2f681a15fc7924742f9a2e468c29af248dce45ce03
F-Droid.apk/META-INF/androidx.window_window-core.version	6	text/plain	2.2516	acb57a7135b2d7d6e665f67f056e21353023b93835f54def1ae523bf76f1bfb3
F-Droid.apk/META-INF/androidx.window_window.version	6	text/plain	2.2516	acb57a7135b2d7d6e665f67f056e21353023b93835f54def1ae523bf76f1bfb3
F-Droid.apk/META-INF/androidx.work_work-runtime-ktx.version	7	text/plain	1.9502	ca3ba4bf209a23260981c86921fa2fbe8e273792702a03b25c132b00ef90273c
F-Droid.apk/META-INF/androidx.work_work-runtime.version	7	text/plain	1.9502	ca3ba4bf209a23260981c86921fa2fbe8e273792702a03b25c132b00ef90273c
F-Droid.apk/META-INF/androidx/annotation/annotation/LICENSE.txt	10175	text/plain	4.3910	809fa1ed21450f59827d1e9aec720bbc4b687434fa22283c6cb5dd82a47ab9c0
F-Droid.apk/META-INF/androidx/collection/collection-ktx/LICENSE.txt	10175	text/plain	4.3910	809fa1ed21450f59827d1e9aec720bbc4b687434fa22283c6cb5dd82a47ab9c0
F-Droid.apk/META-INF/androidx/collection/collection/LICENSE.txt	10175	text/plain	4.3910	809fa1ed21450f59827d1e9aec720bbc4b687434fa22283c6cb5dd82a47ab9c0
F-Droid.apk/META-INF/androidx/constraintlayout/constraintlayout-core/LICENSE.txt	10175	text/plain	4.3910	809fa1ed21450f59827d1e9aec720bbc4b687434fa22283c6cb5dd82a47ab9c0
F-Droid.apk/META-INF/androidx/hilt/hilt-common/LICENSE.txt	10175	text/plain	4.3910	809fa1ed21450f59827d1e9aec720bbc4b687434fa22283c6cb5dd82a47ab9c0
F-Droid.apk/META-INF/androidx/lifecycle/lifecycle-common-java8/LICENSE.txt	10175	text/plain	4.3910	809fa1ed21450f59827d1e9aec720bbc4b687434fa22283c6cb5dd82a47ab9c0
F-Droid.apk/META-INF/androidx/lifecycle/lifecycle-common/LICENSE.txt	10175	text/plain	4.3910	809fa1ed21450f59827d1e9aec720bbc4b687434fa22283c6cb5dd82a47ab9c0
F-Droid.apk/META-INF/androidx/room/room-common/LICENSE.txt	10175	text/plain	4.3910	809fa1ed21450f59827d1e9aec720bbc4b687434fa22283c6cb5dd82a47ab9c0
F-Droid.apk/META-INF/app.kotlin_module	3048	application/octet-stream	5.0824	2e963f68ae0f77c97c4e742a429e8b190d68fc4206ca00342b61166ace8f9483
F-Droid.apk/META-INF/com.google.android.material_material.version	7	text/plain	2.2359	bb0df1bd902faba507c15975eb9973e695f2732f760d851b4f9c7ba17068f5ff
F-Droid.apk/META-INF/com.google.dagger_dagger-lint-aar.version	7	text/plain	2.2359	21b9d0f0927a406f55bf93a923ba25f31bc4028f49b6af6120e054c6429fd9ff
F-Droid.apk/META-INF/com.google.dagger_dagger.version	7	text/plain	2.2359	21b9d0f0927a406f55bf93a923ba25f31bc4028f49b6af6120e054c6429fd9ff
F-Droid.apk/META-INF/com.google.dagger_hilt-android.version	7	text/plain	2.2359	21b9d0f0927a406f55bf93a923ba25f31bc4028f49b6af6120e054c6429fd9ff
F-Droid.apk/META-INF/com.google.dagger_hilt-core.version	7	text/plain	2.2359	21b9d0f0927a406f55bf93a923ba25f31bc4028f49b6af6120e054c6429fd9ff
F-Droid.apk/META-INF/com/android/build/gradle/app-metadata.properties	56	text/plain	4.3114	75bc66260aeed5c7da9ef86b1ee98fe13298d9dd0bc438ee5a963d5eb224f68d
F-Droid.apk/META-INF/database.kotlin_module	294	application/octet-stream	4.9218	a2c1eb53d9a0e577feda095a3690999ac7a374b4e780cd81d572c4fa9e5544f3
F-Droid.apk/META-INF/gradle/incremental.annotation.processors	67	text/plain	4.2560	dae60d8c3158e2ca4fae81997b960ad6c0a44b67e8994905a27c7869a5b63a1b
F-Droid.apk/META-INF/kotlinx_coroutines_android.version	6	text/plain	1.4591	f1deeb62e209be1a1fa35478861037ecdc5d1ad1d6f8fd692680f7f5cb1a4991
F-Droid.apk/META-INF/kotlinx_coroutines_core.version	6	text/plain	1.4591	f1deeb62e209be1a1fa35478861037ecdc5d1ad1d6f8fd692680f7f5cb1a4991
F-Droid.apk/META-INF/kotlinx_coroutines_slf4j.version	6	text/plain	1.4591	f1deeb62e209be1a1fa35478861037ecdc5d1ad1d6f8fd692680f7f5cb1a4991
F-Droid.apk/META-INF/nanohttpd/default-mimetypes.properties	667	text/plain	4.6997	d9da9abdce19633621210b6d4041c1668c54c0649ca473423c160f1d33c8745d
F-Droid.apk/META-INF/nanohttpd/mimetypes.properties	74	text/plain	3.9832	ba05d64aa56235e0b5443d315f5295ba2672b711d1de8faea439b3c4fb3b04b1
F-Droid.apk/META-INF/native-image/io.ktor/ktor-network/reflect-config.json	466	text/plain	4.0103	6e85be3e3f2add9084da444f57948a5854483ff92142cdbbe43a93b2606de101

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F-Droid.apk/META-INF/native-image/okhttp/okhttp/native-image.properties	144	text/plain	4.3881	128b6475d3fbdea9a1a0fe44b392613fb1b26a62fd8166883d32b18093745b67
F-Droid.apk/META-INF/org.fdroid.fdroid.libs:download.kotlin_module	199	application/octet-stream	4.8866	52732398e00ff24e310d1af73b36439cbdc0e26d03799c7d42340b347f05512d
F-Droid.apk/META-INF/org.fdroid.fdroid.libs:index.kotlin_module	179	application/octet-stream	4.7360	1945540b8213fcd8012cf231ce0442c56ff8f72a0451a23104d34eeef86a32de
F-Droid.apk/META-INF/org.jetbrains.compose.ui_ui-backhandler.version	7	text/plain	2.2359	52237fdca07a59274f2574fd7d3d5089cd146920ae3af1255aa9293ddc2baec2
F-Droid.apk/META-INF/org/jetbrains/kotlinx/kotlinx-serialization-core-jvm/verification.properties	164	text/plain	5.3157	7015ed9d593ee3f2151abd95c5067be59cd95ba8d62a26106fc2c8572d81b2fb
F-Droid.apk/META-INF/services/java.security.Provider	112	text/plain	4.3785	b50a070540ab15ba0865ee3c81c85616f54dfcec79dcf8afd82205788f452dac
F-Droid.apk/META-INF/services/javax.annotation.processing.Processor	55	text/plain	3.8083	6b66b35ac1ba14f45cc4da1f4d1c9bbad9ce43cd57d9d869d5059e0ca04a5a58
F-Droid.apk/META-INF/services/kotlin.reflect.jvm.internal.impl.builtins.BuiltInsLoader	91	text/plain	4.1740	d8ef82e0d1a8b216fb8c05278c7774740255f9b66d13bea0846b19e4feef20c5
F-Droid.apk/META-INF/services/kotlin.reflect.jvm.internal.impl.km.internal.extensions.MetadataExtensions	71	text/plain	4.1390	dc639081081b500f1d05a2d4eee5da0229521f0ee0f49e7b28730e26905544c0
F-Droid.apk/META-INF/services/kotlin.reflect.jvm.internal.impl.resolve.ExternalOverridabilityCondition	236	text/plain	4.2712	ac71520816c8bc891964d3009376b1b0cc296ace30f79d970a4b7c3f4d118f3c
F-Droid.apk/META-INF/services/kotlinx.coroutines.CoroutineExceptionHandler	54	text/plain	4.0631	3129b8edf6db07de6f8ff47695e2177c8bba4eed2962d3085c719e5acbb58a33
F-Droid.apk/META-INF/services/kotlinx.coroutines.internal.MainDispatcherFactory	52	text/plain	4.1429	a1ea77ea8f93f419256b6e66f29713f950d8d6e90442b608d880a48003b5eb72
F-Droid.apk/META-INF/services/org.acra.collector.Collector	745	text/plain	3.9739	626bb1aa94b8e6ee137edd668d7503ee2115751e87becffe774ee5ceda610fa2
F-Droid.apk/META-INF/services/org.acra.interaction.ReportInteraction	39	text/plain	3.6157	9c7db0c3e7549fda5f3d7eb7bb80240032fe1cd9c4ec58be67aa1471d316930f
F-Droid.apk/META-INF/services/org.acra.sender.ReportSenderFactory	41	text/plain	4.0227	3290d08e9c0c1871adc0633cd47a10799949594cfa7203e088f9f6db0e9452c8
F-Droid.apk/META-INF/services/org.acra.startup.StartupProcessor	44	text/plain	3.8510	299146256003ecf87e8333267a58b155179694a1bfdd69bf05b7bb3a171cd04e
F-Droid.apk/META-INF/services/org.slf4j.spi.SLF4JServiceProvider	37	text/plain	4.0573	b68c3ab22c089e4e1ba7834812060811 3e67512fb7ac0e8de4dbf2cb34099769
F-Droid.apk/META-INF/version-control-info.textproto	120	text/plain	5.1668	1843a504e590260fb1d37e77dde8b3394b76a867adf75cd767ba5b4b4a298ab8
F-Droid.apk/assets/PublicSuffixDatabase.list	132737	application/x-executable	4.7122	c75ab827afd7ffff59a51b14729c25dbfc3b45237eb40ccf02bec7b7d44304a4
F-Droid.apk/assets/composeResources/composepreference.preference.generated.resources/values-af/strings.commonMain.cvr	56	text/plain	4.4969	36d34249132cfc485ec2b657644ce1858c85e3ed7df9cc0cee814688c7f4b9e6
F-Droid.apk/assets/composeResources/composepreference.preference.generated.resources/values-am/strings.commonMain.cvr	56	text/plain	4.3235	7d3280add9892becced59f212b35c6cd6d84d2d041ca20e0e964274ddff7f24f
F-Droid.apk/assets/composeResources/composepreference.preference.generated.resources/values-ar/strings.commonMain.cvr	68	text/plain	4.8372	91016753057af8d6e9dbefeaa7a54dd38cd39ecf2dc71194aa09400779a28e09
F-Droid.apk/assets/composeResources/composepreference.preference.generated.resources/values-as/strings.commonMain.cvr	100	text/plain	4.6833	c41a81b5fd77d2c7f2377f89bd81396a3e581cea759e9ee4f12d387be39c25b7
F-Droid.apk/assets/composeResources/composepreference.preference.generated.resources/values-az/strings.commonMain.cvr	56	text/plain	4.7669	99cf91d2a0b1799a82443de6253a68bf86242ef8806c9228e5f206cc2d6c050b
F-Droid.apk/assets/composeResources/composepreference.preference.generated.resources/values-be/strings.commonMain.cvr	68	text/plain	4.9200	0e885b5f85a278c67d4dd21d6cf78cba9c8cae073fce9c82237f9beb627d0284
F-Droid.apk/assets/composeResources/composepreference.preference.generated.resources/values-bg/strings.commonMain.cvr	56	text/plain	4.5614	ad43df990527ef5510ad71dacc24ba8dfc4498476b84621491261cfc09e2594a

Path	Size (bytes)	Type	Entropy	SHA-256
F-Droid.apk/assets/composeResources/composepreference.preference.generated.resources/values-bn/strings.commonMain.cvr	104	text/plain	4.7021	c264aff98e21eb34e78214c2321e42f7697a3f9bce82a729115b4c04dc5c8217
F-Droid.apk/assets/composeResources/composepreference.preference.generated.resources/values-bs/strings.commonMain.cvr	56	text/plain	4.7400	63c7178dec4686b3a0e7c82468196d1d4177213dada97197209c822eca4eb0c3
F-Droid.apk/assets/composeResources/composepreference.preference.generated.resources/values-ca/strings.commonMain.cvr	64	text/plain	4.6914	e08b635ae381dfa3e15b2be3172b9b66af132e7a702152cce030fcfd4c249302
F-Droid.apk/assets/composeResources/composepreference.preference.generated.resources/values-cs/strings.commonMain.cvr	52	text/plain	4.5345	da029e778ade69a3946d31d5c4f66e2e3843d9e06fc15b8b6588e95e0f3b3606
F-Droid.apk/assets/composeResources/composepreference.preference.generated.resources/values-da/strings.commonMain.cvr	52	text/plain	4.5875	a26aee12db842f9f54dc969a957a2b7358d2a9b22cb2bcf855b890f7fa61f449
F-Droid.apk/assets/composeResources/composepreference.preference.generated.resources/values-de/strings.commonMain.cvr	52	text/plain	4.5415	2b2d600f642d9c3a8072d4c0d17278153ed999909ccfd76fbf41b0304aa2833b
F-Droid.apk/assets/composeResources/composepreference.preference.generated.resources/values-el/strings.commonMain.cvr	60	text/plain	4.6216	4bcddeb14ae1ef2fb218e3f2d60cf0c6efec994c174ae5408c3d4729ce6a8fe2
F-Droid.apk/assets/composeResources/composepreference.preference.generated.resources/values-en-rAU/strings.commonMain.cvr	48	text/plain	4.4209	47cccb545e0fb8a3e958c01e6b6f64c0e7a512356a68a2a7b07ec517ccdd7f40
F-Droid.apk/assets/composeResources/composepreference.preference.generated.resources/values-en-rCA/strings.commonMain.cvr	48	text/plain	4.4209	47cccb545e0fb8a3e958c01e6b6f64c0e7a512356a68a2a7b07ec517ccdd7f40
F-Droid.apk/assets/composeResources/composepreference.preference.generated.resources/values-en-rGB/strings.commonMain.cvr	48	text/plain	4.4209	47cccb545e0fb8a3e958c01e6b6f64c0e7a512356a68a2a7b07ec517ccdd7f40
F-Droid.apk/assets/composeResources/composepreference.preference.generated.resources/values-en-rIN/strings.commonMain.cvr	48	text/plain	4.4209	47cccb545e0fb8a3e958c01e6b6f64c0e7a512356a68a2a7b07ec517ccdd7f40
F-Droid.apk/assets/composeResources/composepreference.preference.generated.resources/values-en-rXC/strings.commonMain.cvr	868	text/plain	2.8176	96943e27b88015df15daa7a61270b53689ea7f258af13b81ba6517a4e802809b
F-Droid.apk/assets/composeResources/composepreference.preference.generated.resources/values-es-rUS/strings.commonMain.cvr	60	text/plain	4.7440	a73bc0b8698b7a4cc247a363ef4d88fcc05d13e953eadc41476471f2ccf0e4ee
F-Droid.apk/assets/composeResources/composepreference.preference.generated.resources/values-es/strings.commonMain.cvr	60	text/plain	4.7440	a73bc0b8698b7a4cc247a363ef4d88fcc05d13e953eadc41476471f2ccf0e4ee
F-Droid.apk/assets/composeResources/composepreference.preference.generated.resources/values-et/strings.commonMain.cvr	52	text/plain	4.5800	c72b2c24075c53ad383790cd0a84ee7b63761a606616dcc7a4973d5c6ee5dc60
F-Droid.apk/assets/composeResources/composepreference.preference.generated.resources/values-eu/strings.commonMain.cvr	52	text/plain	4.4740	24893fde4d764877c724075476235894ef608901d44f62c75e84a1cf5ad7ec60
F-Droid.apk/assets/composeResources/composepreference.preference.generated.resources/values-fa/strings.commonMain.cvr	60	text/plain	4.6712	6f7840c62c0bb94d138348e402d61d8f05cc928b7d1f2d18541ba304cc676de7
F-Droid.apk/assets/composeResources/composepreference.preference.generated.resources/values-fi/strings.commonMain.cvr	48	text/plain	4.4387	b377a2c316ef9ae40fc0dda710816db54ab2a693fefff40c4b7a146a4de77b5b
F-Droid.apk/assets/composeResources/composepreference.preference.generated.resources/values-fr-rCA/strings.commonMain.cvr	52	text/plain	4.4595	24f5d04df12492feaf3a6349e0fcb2b8694d9cc250dac22a5cda83e920ef5912

Path	Size (bytes)	Type	Entropy	SHA-256
F-Droid.apk/assets/composeResources/composepreference.preference.generated.resources/values-fr/strings.commonMain.cvr	52	text/plain	4.4595	24f5d04df12492feaf3a6349e0fcb2b8694d9cc250dac22a5cda83e920ef5912
F-Droid.apk/assets/composeResources/composepreference.preference.generated.resources/values-gl/strings.commonMain.cvr	60	text/plain	4.7440	a73bc0b8698b7a4cc247a363ef4d88fcc05d13e953eadc41476471f2ccf0e4ee
F-Droid.apk/assets/composeResources/composepreference.preference.generated.resources/values-gu/strings.commonMain.cvr	72	text/plain	4.6561	640c8e25fe55c738b7faedeb36fdf41c6e895c463a79280d4cd965428a5a7ca5
F-Droid.apk/assets/composeResources/composepreference.preference.generated.resources/values-hi/strings.commonMain.cvr	96	text/plain	4.7734	672ec98d0cabae99272cffbca6ac98000117a0999a04f683b20415a3aab50153
F-Droid.apk/assets/composeResources/composepreference.preference.generated.resources/values-hr/strings.commonMain.cvr	56	text/plain	4.7979	0cec46d4104e666874ca5b9fe754168b9558799b416fa1c25290928b937b211e
F-Droid.apk/assets/composeResources/composepreference.preference.generated.resources/values-hu/strings.commonMain.cvr	48	text/plain	4.3971	b73847cffeb639db41c438db6c4790dbfa93657d38d146db4481b852506c48e8
F-Droid.apk/assets/composeResources/composepreference.preference.generated.resources/values-hy/strings.commonMain.cvr	68	text/plain	4.7802	4b8279cc1058c93548f1b3110e0b7bfd8b60bad396a54af63c834bd11fe60c4c
F-Droid.apk/assets/composeResources/composepreference.preference.generated.resources/values-in/strings.commonMain.cvr	48	text/plain	4.5063	4cd90841d2e7a1d4b7c3b3f1813378e3d34a369e548d746fc2b34f4c02454362
F-Droid.apk/assets/composeResources/composepreference.preference.generated.resources/values-is/strings.commonMain.cvr	64	text/plain	4.9978	c08e8d648793f9279b62dc3b2c2c3259128164fe2e4a8b1042dae26e8ddf9925
F-Droid.apk/assets/composeResources/composepreference.preference.generated.resources/values-it/strings.commonMain.cvr	52	text/plain	4.5345	961c6c54bfbbe975e3f27725c0bc81c990033132ca0e3e02615367184ec8bdfb
F-Droid.apk/assets/composeResources/composepreference.preference.generated.resources/values-iw/strings.commonMain.cvr	68	text/plain	4.6148	27a6b56169a29df2da172b76541ce982af658c0abed06d130072377f9dc7b507
F-Droid.apk/assets/composeResources/composepreference.preference.generated.resources/values-ja/strings.commonMain.cvr	60	text/plain	4.3029	e3eb65b20d09ca4b3f6a02b8c095996c7db201c2af0959e201c36f21b52750a8
F-Droid.apk/assets/composeResources/composepreference.preference.generated.resources/values-ka/strings.commonMain.cvr	72	text/plain	4.4162	bb34a6bea028f9c2898e932359123bf4932417936c133d19de493188b5088540
F-Droid.apk/assets/composeResources/composepreference.preference.generated.resources/values-kk/strings.commonMain.cvr	80	text/plain	4.8464	9ecb755ae474c03934c4d564c75d1f98cf5bc752d095fb60d007d85e5fa42633
F-Droid.apk/assets/composeResources/composepreference.preference.generated.resources/values-km/strings.commonMain.cvr	104	text/plain	4.3308	de6c833c47ff78694620bc948e604a2b727184277800e0fcc5996a8b558d58df
F-Droid.apk/assets/composeResources/composepreference.preference.generated.resources/values-kn/strings.commonMain.cvr	84	text/plain	4.2808	5f6b9c788fdc6c65d68db971ff40888c38779d8ff3527b0409c302a1f44a1927
F-Droid.apk/assets/composeResources/composepreference.preference.generated.resources/values-ko/strings.commonMain.cvr	52	text/plain	4.5364	fdba11478e8b6c9c43d20daf8c3bfad08307de7f8bc2c601cd01cdacc7e2a752
F-Droid.apk/assets/composeResources/composepreference.preference.generated.resources/values-ky/strings.commonMain.cvr	88	text/plain	4.9380	cc9df89d8a6fadaa65c47209bc0693a30c9eea978be1f292a2510f9ddaa14ccf
F-Droid.apk/assets/composeResources/composepreference.preference.generated.resources/values-lo/strings.commonMain.cvr	88	text/plain	4.2036	f1489cd11a65476a9e407585f573db7825bc6c54cbec80aafbb5a3e2fd54c2dd
F-Droid.apk/assets/composeResources/composepreference.preference.generated.resources/values-lt/strings.commonMain.cvr	56	text/plain	4.7757	c0702acd8c1bccf50d248ffbea79ceb642adfa9bb101dd378d8182a343c9ea14
F-Droid.apk/assets/composeResources/composepreference.preference.generated.resources/values-lv/strings.commonMain.cvr	52	text/plain	4.6184	9188d4ba9ac7f480f550b17acd5be158458be646306f9b62e32e89b5d4256aaa

Path	Size (bytes)	Type	Entropy	SHA-256
F-Droid.apk/assets/composeResources/composepreference.preference.generated.resources/values-mk/strings.commonMain.cvr	68	text/plain	4.6500	53ce390fe1f6effcd9848dbd6e39b3e3e3fc416be7a1377545bbc196f169d25a
F-Droid.apk/assets/composeResources/composepreference.preference.generated.resources/values-ml/strings.commonMain.cvr	88	text/plain	4.3235	67a7ee8a3a71a7a2ad05a5eb3341fde8ab85d3cfaf9f57bfede5a440f2c303b3
F-Droid.apk/assets/composeResources/composepreference.preference.generated.resources/values-mn/strings.commonMain.cvr	60	text/plain	4.6899	b82d77ee0b363d2e6c6dc6b8b09d87317235160496684f8b9e3542e51218cbc4
F-Droid.apk/assets/composeResources/composepreference.preference.generated.resources/values-mr/strings.commonMain.cvr	96	text/plain	4.7755	675676c48fc025ce805322df563bcf8015044dcb4f9f9919688c7718018631e9
F-Droid.apk/assets/composeResources/composepreference.preference.generated.resources/values-ms/strings.commonMain.cvr	48	text/plain	4.4387	108892814d830e3979ccce2ad7cd05715cbfb568d1ccaf52652f0ff947c15b9d
F-Droid.apk/assets/composeResources/composepreference.preference.generated.resources/values-my/strings.commonMain.cvr	76	text/plain	4.3503	950ad40f6f4e6d0e4f29224f7216345326bf5b449415a89096d35e8a63ab6a72
F-Droid.apk/assets/composeResources/composepreference.preference.generated.resources/values-nb/strings.commonMain.cvr	48	text/plain	4.2385	ef4d98d39d65386448c7a7d03d4ac8e53e1c2d73f023aa8d5eebbd0af0c6d98e
F-Droid.apk/assets/composeResources/composepreference.preference.generated.resources/values-ne/strings.commonMain.cvr	112	text/plain	4.8013	a6b14df471e6537787002577e48a10d80dccbf6cf8e2ad44251fc286c7b92b93
F-Droid.apk/assets/composeResources/composepreference.preference.generated.resources/values-nl/strings.commonMain.cvr	52	text/plain	4.5654	01473922faba71068d96b25bb72573b8fe22e5069b9311fef2620f476f0d39f8
F-Droid.apk/assets/composeResources/composepreference.preference.generated.resources/values-or/strings.commonMain.cvr	112	text/plain	4.6506	c6429c4030d01916cad0f0fbe9f514e1a9e134fedceda16f8c5a9287792d8175
F-Droid.apk/assets/composeResources/composepreference.preference.generated.resources/values-pa/strings.commonMain.cvr	88	text/plain	4.6351	79031b8ce0a7e5e4b96dc5ae66747d5ed9c69c454402921e6c4a1dbee0c7f491
F-Droid.apk/assets/composeResources/composepreference.preference.generated.resources/values-pl/strings.commonMain.cvr	48	text/plain	4.5378	54fa5a8e7904ae16745a064ced35d04d3378caac13513c6a0048d6215d79a8fe
F-Droid.apk/assets/composeResources/composepreference.preference.generated.resources/values-pt-rBR/strings.commonMain.cvr	52	text/plain	4.5490	97f8a48783b1c90783614e8f3d5767c9e0c84c5f420fae59fe569fe9ac275fa2
F-Droid.apk/assets/composeResources/composepreference.preference.generated.resources/values-pt-rPT/strings.commonMain.cvr	52	text/plain	4.5490	97f8a48783b1c90783614e8f3d5767c9e0c84c5f420fae59fe569fe9ac275fa2
F-Droid.apk/assets/composeResources/composepreference.preference.generated.resources/values-pt/strings.commonMain.cvr	52	text/plain	4.5490	97f8a48783b1c90783614e8f3d5767c9e0c84c5f420fae59fe569fe9ac275fa2
F-Droid.apk/assets/composeResources/composepreference.preference.generated.resources/values-ro/strings.commonMain.cvr	52	text/plain	4.6114	daa75518d77d8aa52e822506c18da823824d761cf7fcd95eec658e93f92925f2
F-Droid.apk/assets/composeResources/composepreference.preference.generated.resources/values-ru/strings.commonMain.cvr	60	text/plain	4.6773	71764c891d828baba44ecf77fe6bf2971353169a468108a624ef4a1113035ab4
F-Droid.apk/assets/composeResources/composepreference.preference.generated.resources/values-si/strings.commonMain.cvr	96	text/plain	4.7271	2fcd6795bdb65e2870959d8ccbff540aaae72bd6d3dd5bf4a5d978c6b754ad79
F-Droid.apk/assets/composeResources/composepreference.preference.generated.resources/values-sk/strings.commonMain.cvr	52	text/plain	4.4960	5f4d9a397805105d967f42c83b24220c77c102e7258a1af65abc77dffa05331c
F-Droid.apk/assets/composeResources/composepreference.preference.generated.resources/values-sl/strings.commonMain.cvr	56	text/plain	4.7669	a50844ff2912d31da969019b02ed57f1098af6725c2654446e6088dea0ed041d
F-Droid.apk/assets/composeResources/composepreference.preference.generated.resources/values-sq/strings.commonMain.cvr	60	text/plain	4.8817	f23ebc63768e8abfcf90495f93eb3570bc1f05a650c681847b8c807f0a604fd1

Path	Size (bytes)	Type	Entropy	SHA-256
F-Droid.apk/assets/composeResources/composepreference.preference.generated.resources/values-sr/strings.commonMain.cvr	72	text/plain	4.6173	bbed499da1dbfef9a69a2f2719e1ddb29c35bbad8a59f444daf0992d4e2e8b1d
F-Droid.apk/assets/composeResources/composepreference.preference.generated.resources/values-sv/strings.commonMain.cvr	48	text/plain	4.2385	ef4d98d39d65386448c7a7d03d4ac8e53e1c2d73f023aa8d5eebbd0af0c6d98e
F-Droid.apk/assets/composeResources/composepreference.preference.generated.resources/values-sw/strings.commonMain.cvr	52	text/plain	4.6808	4222aea164237dfd16e7d8e19cfd36454dde1cded1ae1d4e5723c9a17c9e6c48
F-Droid.apk/assets/composeResources/composepreference.preference.generated.resources/values-ta/strings.commonMain.cvr	84	text/plain	4.2665	bf86e4d89a613d4e69ed4e4c0720d43f5edc42489093455182ace0d2876a2b55
F-Droid.apk/assets/composeResources/composepreference.preference.generated.resources/values-te/strings.commonMain.cvr	96	text/plain	4.6201	64f347c6e96b961b024c4dc459ca8c911c63db877035f073d8c1d91e7e1c1f8f
F-Droid.apk/assets/composeResources/composepreference.preference.generated.resources/values-th/strings.commonMain.cvr	76	text/plain	4.0595	67eef2f0987776fdc831b3569ada9ca887ad0b071346a50efe88e59a66354dd5
F-Droid.apk/assets/composeResources/composepreference.preference.generated.resources/values-tl/strings.commonMain.cvr	56	text/plain	4.6263	aaabbac6e05b70c4dfb084f8a4209defb0e769b2d5dd3b05886a917d4c30f0a3
F-Droid.apk/assets/composeResources/composepreference.preference.generated.resources/values-tr/strings.commonMain.cvr	52	text/plain	4.6039	7845fca8cf9c62777870a6f47ac0e9f4728c6f3e12d0e8d217998b13f9a33488
F-Droid.apk/assets/composeResources/composepreference.preference.generated.resources/values-uk/strings.commonMain.cvr	64	text/plain	4.7402	3c9021d368ced0fef0bd34e069bd83bf2614c326f0214e721c2ecf4aa26136c0
F-Droid.apk/assets/composeResources/composepreference.preference.generated.resources/values-ur/strings.commonMain.cvr	84	text/plain	4.8297	12ea981837923a91b2571af55d2e35a1b81567e678a970bc9e22f0b6cafd94db
F-Droid.apk/assets/composeResources/composepreference.preference.generated.resources/values-uz/strings.commonMain.cvr	56	text/plain	4.5684	a51a8d09a2390cd8066bf52bb51053953f0dd57d4d1f6ec85f9b5884d6404351
F-Droid.apk/assets/composeResources/composepreference.preference.generated.resources/values-vi/strings.commonMain.cvr	48	text/plain	4.4544	6c291c85981acc6e3b6ab047c819f353bd4e0a1ee088af6c2cdb1ceaa85ae562
F-Droid.apk/assets/composeResources/composepreference.preference.generated.resources/values-zh-rCN/strings.commonMain.cvr	52	text/plain	4.4261	226268a7a07763d16a27125a5d61499058f1e359cf353d7fc240e0a8f8a1db44
F-Droid.apk/assets/composeResources/composepreference.preference.generated.resources/values-zh-rHK/strings.commonMain.cvr	52	text/plain	4.3731	5249379eb1a4054e34d95ebe1deb2bf25826008b51326eefbd0de2ae80ab9638
F-Droid.apk/assets/composeResources/composepreference.preference.generated.resources/values-zh-rTW/strings.commonMain.cvr	52	text/plain	4.3731	5249379eb1a4054e34d95ebe1deb2bf25826008b51326eefbd0de2ae80ab9638
F-Droid.apk/assets/composeResources/composepreference.preference.generated.resources/values-zu/strings.commonMain.cvr	60	text/plain	4.8505	dad8d0ca40c3d2ea18cde79a6495de80c1a8011317ab579cbd54ff97e7c13d5c
F-Droid.apk/assets/composeResources/composepreference.preference.generated.resources/values/strings.commonMain.cvr	48	text/plain	4.4209	47cccb545e0fb8a3e958c01e6b6f64c0e7a512356a68a2a7b07ec517ccdd7f40
F-Droid.apk/assets/default_repos.json	6884	text/plain	5.0407	8fd972f9dca1e4de0bdea1367458e660eaef5f01dc1f85692a1dc0fa46b04f5c
F-Droid.apk/assets/dexopt/baseline.prof	10964	application/octet-stream	7.9553	86466aa31e2811214366fcef0fe07939b6c62da4356b412e7e6eb18bf2b67bba
F-Droid.apk/assets/dexopt/baseline.profm	1466	application/octet-stream	7.8639	41e888ad3a6588cb19fdc4cf4278a8e2eeadb4784c8931e09c1ebafc61f0cb41
F-Droid.apk/assets/index.template.html	3399	text/html	4.3277	b7abecc6aff5f4bebad3e62175010cdc6de5a9468b5e3d58c09efb980680bfea
F-Droid.apk/assets/logback.xml	380	text/plain	4.4348	9bcdc40d55acd350a2adf75c09f8cc5f8c15157270ecdb549d6088647a9370e2

Path	Size (bytes)	Type	Entropy	SHA-256
F-Droid.apk/assets/most_downloaded_apps.json	1335	text/plain	4.6349	54c2a250b06b96788e6709d95b7d86f8bc0f9d8867a9e012ef54fcf787a95201
F-Droid.apk/assets/swap-icon.png	2710	image/png	7.9057	6419354aafd9075f2a975955fd23f452b276926ea74097164d377ae0357f00e1
F-Droid.apk/assets/swap-icon.svg	1950	image/svg+xml	5.1125	c4ccc1b5b7aefb359d466e2063159017d2e5f61eb212d846d3ea3369df5c51bd
F-Droid.apk/assets/swap-tick-done.png	621	image/png	7.5897	3768bb43c9747b2adb8a9a4291c0de6d8c0d1dcaef276baf11ae1d6f9b33016e
F-Droid.apk/assets/swap-tick-not-done.png	588	image/png	7.5554	a20255547821b0a587d010e9f426c4c9d72e1b28a65bcecf6c04b1d5d739ff20
F-Droid.apk/classes.dex	9297616	dex (application/vnd.android.dex)	6.3450	fbed053a61d77fad5e6510fb66a5fcb7919fcdf817386b8d960b0206f8b94e8b
F-Droid.apk/classes2.dex	9625192	dex (application/vnd.android.dex)	6.3746	4f3697fa664f7a6a24aae5182b02044e8387a6755409a477099b6e62f6ea4a03
F-Droid.apk/classes3.dex	1667468	dex (application/vnd.android.dex)	6.2842	363343d2a3b79dc6f40fb8d7cf4e7c55963a95d5eb1affa8d26e4ecb0787060b
F-Droid.apk/kotlin/annotation/annotation.kotlin_builtins	1022	application/octet-stream	5.5354	ae9ec2e633ab0777b8ec1e7c15218382ceac8c5ead2cdedde7cc9ea31457ce85
F-Droid.apk/kotlin/collections/collections.kotlin_builtins	8625	application/octet-stream	5.1963	ce49200a7ebbdc82ec217d2f717e90ce752534e02ec8b737518a744850bc8e3e
F-Droid.apk/kotlin/concurrent/atomics/atomics.kotlin_builtins	2882	application/octet-stream	5.7257	dd63195c7714bd3755d938dce9600132ff508a2838674fdf19108275c8dc9077
F-Droid.apk/kotlin/coroutines/coroutines.kotlin_builtins	139	application/octet-stream	4.9278	f947b45a78233ddbe229290e0c240c946910649cf6ce1c5fd003f834f6f90369
F-Droid.apk/kotlin/internal/internal.kotlin_builtins	596	application/octet-stream	5.4143	6e29094940ebfc967e34d9ccf24521a52ffef3c4b6b47566b19960a04131557e
F-Droid.apk/kotlin/kotlin.kotlin_builtins	30920	application/octet-stream	5.5208	8f37cbb253a76650c4e313f98f70d081d2ae66d05174abf6a5824cbf7926616b
F-Droid.apk/kotlin/ranges/ranges.kotlin_builtins	4353	application/octet-stream	5.6904	629c166aa811101d3954f76c58b7ce3648647a1b3529d2351a799fcb43347a34
F-Droid.apk/kotlin/reflect/reflect.kotlin_builtins	4859	application/octet-stream	5.2941	eeb5c2f4756a5d80414002948483b375378cb0bd5c2fc54a1d1d2e2ad3c038f6
F-Droid.apk/lib/arm64-v8a/libandroidx.graphics.path.so	10096	elf (application/x-executable)	4.6923	41e9a793c43a0f4fddb19e33f346bace464f30f888ba7b9eaf96294ea115bfb6
F-Droid.apk/lib/armeabi-v7a/libandroidx.graphics.path.so	7252	elf (application/x-executable)	5.7671	41399eba6fc2a60f6f14642375c1824f3cf25eb8fec7397d753730a3ceda3e2b
F-Droid.apk/lib/x86/libandroidx.graphics.path.so	9284	elf (application/x-executable)	5.7364	eb0570b41fd3bff25d8204a967c03bd7550719e768b791f680cc40cbe35f29af
F-Droid.apk/lib/x86_64/libandroidx.graphics.path.so	10760	elf (application/x-executable)	4.7360	4e56c996f13670e70082658de7880c4020eabf4f25e43387f88ed78a713fc9f0
F-Droid.apk/org/apache/commons/net/fuzzer/clusterfuzz-testcase-minimized-OS400FTPEntryParserFuzzer-4734635798495232	3779	application/octet-stream	2.2283	42e74f495ba1dc646efc322aa4240bee255f6d55f1ceef273f962dc2d9f85ca1
F-Droid.apk/org/bouncycastle/pkix/CertPathReviewerMessages.properties	42868	text/plain	4.7564	9fbb991695b174b3e21b91705cfef4146a7028e142d7262f936839281b374ba3
F-Droid.apk/org/bouncycastle/pkix/CertPathReviewerMessages_de.properties	49608	application/octet-stream	4.8442	1e5085ab80e415564b4fd7b40d73361c89a81bea6c6f2608b03eb900fd03c28f
F-Droid.apk/org/bouncycastle/pqc/legacy/picnic/lowmcL1.bin.properties	118306	gzip (application/gzip) • unpacked by stream	7.9954	4f4ae14c89cbd0410c44edfb9b34ddf3f77fc04f2824f2c402bb35ac6d45e133
F-Droid.apk/org/bouncycastle/pqc/legacy/picnic/lowmcL1.bin.properties/content	502904	application/octet-stream	2.5772	995457a21b8c0757cd65c1615154504101737544ee04ef66c0ec09912403a071
F-Droid.apk/org/bouncycastle/pqc/legacy/picnic/lowmcL3.bin.properties	350101	gzip (application/gzip) • unpacked by stream	7.9945	2f513e6c9a33a9ef8a810f21da187eeae3ff989e458cffaa829d0103a0f3d734
F-Droid.apk/org/bouncycastle/pqc/legacy/picnic/lowmcL3.bin.properties/content	1385696	application/x-executable	2.7999	71774ab504138f0f0d8c005bcb1e2fdb3ad7de6027acf8f47751212914b3c7a0
F-Droid.apk/org/bouncycastle/pqc/legacy/picnic/lowmcL5.bin.properties	752652	gzip (application/gzip) • unpacked by stream	7.9966	b2b3a0e90d15133f7371eb796299fc1f8ccf5bca7a760ccb7b5b3111cc8e4b9a
F-Droid.apk/org/bouncycastle/pqc/legacy/picnic/lowmcL5.bin.properties/content	2987168	application/octet-stream	2.7989	0b11f0cb02d92386c42afd32572b452e9cc64d91044a69040b4290d5d1ceb24c
F-Droid.apk/org/bouncycastle/x509/CertPathReviewerMessages.properties	42868	text/plain	4.7564	9fbb991695b174b3e21b91705cfef4146a7028e142d7262f936839281b374ba3
F-Droid.apk/org/bouncycastle/x509/CertPathReviewerMessages_de.properties	49608	application/octet-stream	4.8442	1e5085ab80e415564b4fd7b40d73361c89a81bea6c6f2608b03eb900fd03c28f

Path	Size (bytes)	Type	Entropy	SHA-256
F-Droid.apk/res/-1.xml	744	application/octet-stream	3.9994	ba380aaa901e610cd00295c9a5eea0dd123a52c3a5f23543a24e03393792606e
F-Droid.apk/res/-B.png	281	image/png	6.9881	43ccf1f0a5e9e9ed9a6df33e1b3d378d49dbc8dc60d83b1cdb985e5e48f52497
F-Droid.apk/res/-N.png	318	image/png	6.8875	6b45aef8bf43767c2c1c83dee2bd9ceb9017994fbef6613891e6bc215e2a5ee3
F-Droid.apk/res/-x.xml	400	application/octet-stream	4.0348	cff6d840691716c503a29a52f4d0e0a26bb026fd5ea1b1eb8b6c70e219e77f52
F-Droid.apk/res/0M.xml	1064	application/octet-stream	3.4132	32b0a8e04a502d340fff5656ed87f739522b8ce2b3f85a9167a54356054a974a
F-Droid.apk/res/0c.9.png	267	image/png	3.7796	f94e2129180c0ba69244303744024560 35dcd6b6fff7d05f6de7e24196a3af35
F-Droid.apk/res/0x.9.png	209	image/png	3.9477	636d7f24be686e9515f7d6830ce936baa0a5416468220e94e8e257547967e22c
F-Droid.apk/res/15.png	139	image/png	5.9446	de1d0665e4a242374e1aeb5bf72f8406283af5d6427084588cdf3ab5f28c1c3d
F-Droid.apk/res/1I.9.png	2305	image/png	7.7114	e1a2b864d0114a8471662f8e30ffcbb2eb9ffd414d36239612def8c7792a450a
F-Droid.apk/res/1J.9.png	1731	image/png	7.5928	4d2fe45a8169f368052c921230a268ba9f53ea5fedbcb09ff35107473551e50c
F-Droid.apk/res/1N.xml	400	application/octet-stream	4.0740	ee0ccce34fcad6a47e2157c5a9d8ef2a9b73b6fcc2d42cfffb978312ded46588
F-Droid.apk/res/1e.9.png	171	image/png	3.5679	49903073ab23abfc11a55e1333eb2905c743e1b382006c27c15434fd76e0207c
F-Droid.apk/res/21.xml	592	application/octet-stream	4.2096	3c997caaa12e53286b3dc289711e13f1e51a42c3f79e304d10729707c9e3f8ea
F-Droid.apk/res/27.xml	336	application/octet-stream	3.5669	1d6d789501f02c91bc839ae4397789fa88b2570d6a3250ac48ce3d7b6669b5eb
F-Droid.apk/res/2F.xml	724	application/octet-stream	3.7172	d8dce545cdbcf00161291cda498cd5111c2eaef154865c17768b3fa1f33582ce
F-Droid.apk/res/2P.png	262	image/png	6.6250	646021cc77e7f4bd68ab59fb32d306f81a2042125e6cdaa16184a062a8183f79
F-Droid.apk/res/2R.xml	1796	application/octet-stream	3.3632	af09315a0fc904df653e6ec54cc79977b3beed8535aeb3055a088bfd3ea4ebb1
F-Droid.apk/res/2d.png	145	image/png	6.1835	9f856dd00a4f281d1198e6679ac8611fc67d301f28c07aea97504244ba16cb44
F-Droid.apk/res/2f.xml	1916	application/octet-stream	3.8686	969adcb7aadb24f7940bee14d4b2516b2b8c9c83c608abd39aea64f210381136
F-Droid.apk/res/2j.xml	2072	application/octet-stream	4.0728	85c6f03ab2aa8fb933f2822260f535254b912928f298b38421b95cc894e8f647
F-Droid.apk/res/2w.xml	1136	application/octet-stream	4.0318	25c3e8f81a4fc988bc06220eeed25e3d6e0438e4a57726a812b00024a5f52df8
F-Droid.apk/res/2x.xml	652	application/octet-stream	4.4255	7c00d0ba3b724f814bf6f1a168c28bc35ada5977cbf28ff008c4b35821087a83
F-Droid.apk/res/33.9.png	541	image/png	6.5308	c7954e2bfbd01e5bbc9d774dd4d743d3f8a26613129fac8071b741bab3018ab0
F-Droid.apk/res/3A.xml	1056	application/octet-stream	4.3311	37d09e68034c8a119251d2a7a4186442603e5325b2170f1a00295b2f098c09f4
F-Droid.apk/res/3B.png	5106	image/png	7.9455	a909c460a0174c1b8f8c3025cc7af7860f503b81fcbf0c34c1d62776be88bb78
F-Droid.apk/res/3T.xml	908	application/octet-stream	4.7598	ff89fb9201b5caafaf17cc32ad4854d53fa4deebb721b452074f3d72a0beb7fd
F-Droid.apk/res/3h.xml	816	application/octet-stream	3.6843	86d9c7c7e903951c75b82811d914491facf01691806b2d50f20ddbe2495d5c3d
F-Droid.apk/res/3u.9.png	258	image/png	4.2749	4f186547c3fe5796ef49da96d60a4a9a4b347357eaff3794f38e5f2aade3e400

The table shows the first 300 of 977 files; report.json lists them all.

14 Coverage and limitations

Every file in the tree was read in full.

No limitations were recorded.