ART [Android Reverse Tools]

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¿What is this?

ART is a tool to compile – decompile apk files easily.

Included files in the package

\Android_Reverse_Tools   ← *root directory*
    _tools   ← *tools directory*
        \needed   ← *here are the files that be copied to the windows directory*
            Aapt.exe
            Java.exe
            Java.dll
        \sdktools   ← *android sdk directory (now 2.2 version)*
    Apktool.bat   ← *apktool launcher*
    Apktools.jar   ← *tool for compile - decompile*
    dalvik_opcodes.pdf   ← *opcodes necessary for reverse the crackmes*
    signapk.jar   ← *tool to sign the apks*
    smali.uew   ← *file for ultraedit to recognize smali files*
    testkey.pk8   ← *signapk.jar keyfile*
    testkey.x509.pem   ← *signapk.jar keyfile*
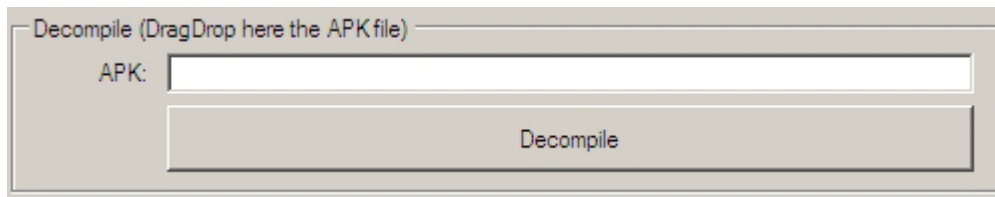   *\decompiled_aplications*   ← *here end up decompiled files*

In the beginning
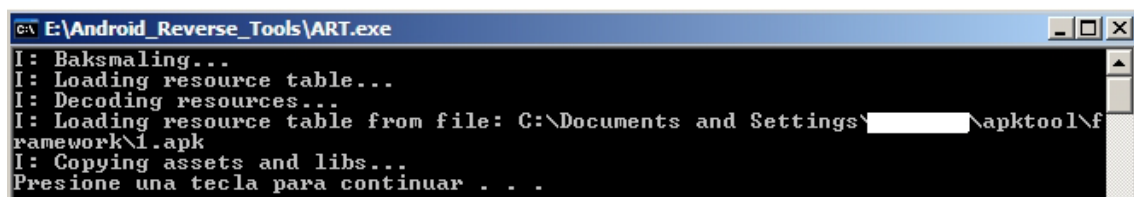
First of all, ART need Net Framework 3.5 or later for run.

In the first run, the application check if aapt.exe, java.exe and java.dll exist in windows directory, and if not there, copy.

By deurus

Decompiling the APK

For decompile the apk file, just drag and drop the file and push "decompile"

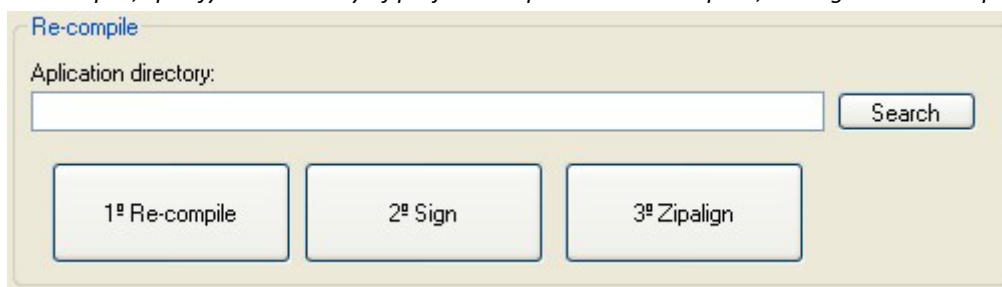*if all goes well we will see the following message*

Reversing the code
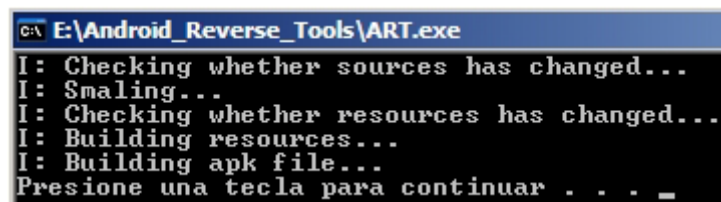
This is your job dude!

Rebuilding the APK

Compiling, Signing and Zipaligning

For compile, specify the directory of project and push "1º Re-compile", "2º Sign" and "3º Zipalign"

If all goes well we will see the following message and now have a "apkfile_final.apk" in the ART directory

By deurus

Some errors that may appears

If java is not installed or ART fail to copy, this error appears decompiling.

If aapt.exe is not copied in windows directory, this error appears compiling.