

Command line usage for the brave ClassyShark-er

ver 1.0

Together with a stylish UI ClassyShark provides a rich command line functionality. In this doc we are going to explore what ClassyShark can do for you from the command line.

[Open your APK](#)

[Dump AndroidManifest, classes and strings from APK](#)

[Dump a specific class from APK](#)

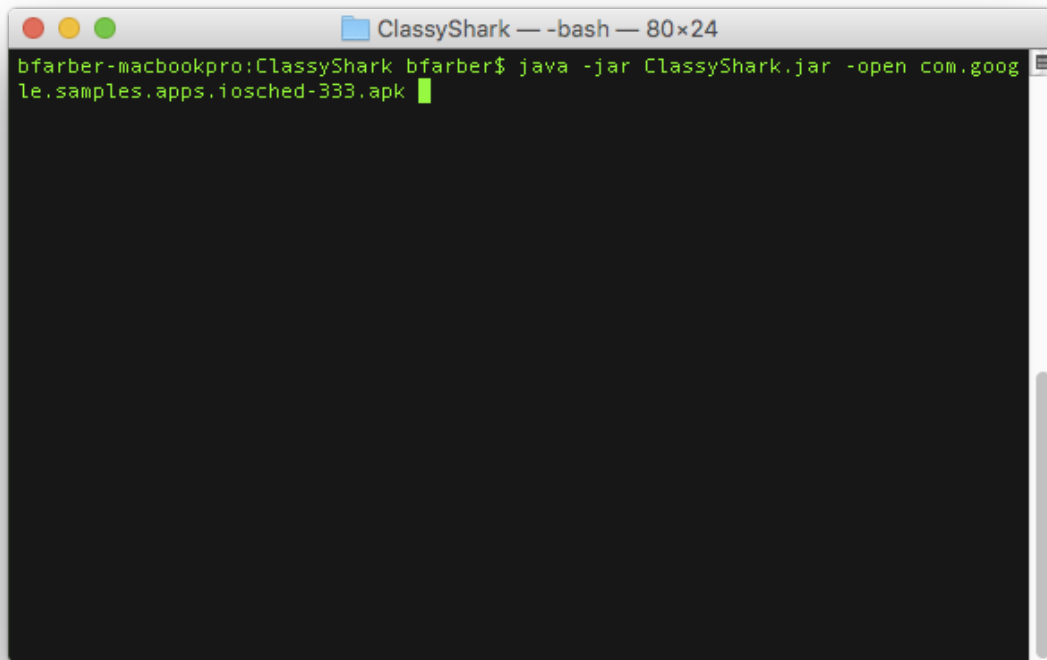
[Open ClassyShark and show specific class in the GUI](#)

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[Inspect APK\(experimental\)](#)

Open your APK

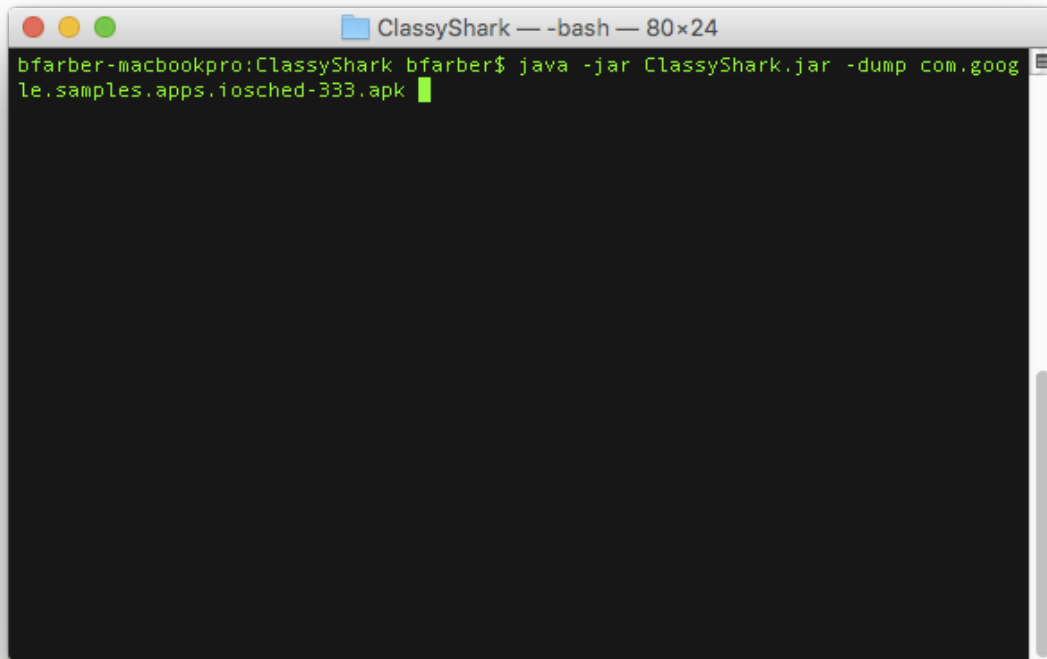
```
java -jar ClassyShark.jar -open <YOUR_APK.apk>
```

A screenshot of a macOS terminal window. The title bar at the top reads "ClassyShark — -bash — 80x24". The terminal text shows the current directory as "bfarber-macbookpro:ClassyShark bfarber\$" and the command being executed as "java -jar ClassyShark.jar -open com.google.samples.apps.iosched-333.apk". A green cursor is visible at the end of the command line.

```
bfarber-macbookpro:ClassyShark bfarber$ java -jar ClassyShark.jar -open com.google.samples.apps.iosched-333.apk
```

Dump AndroidManifest, classes and strings from APK

`-jar ClassyShark.jar -dump <BINARY_FILE>`

A screenshot of a macOS terminal window titled "ClassyShark — -bash — 80x24". The terminal shows the command `java -jar ClassyShark.jar -dump com.google.samples.apps.iosched-333.apk` being executed. The cursor is at the end of the command line.

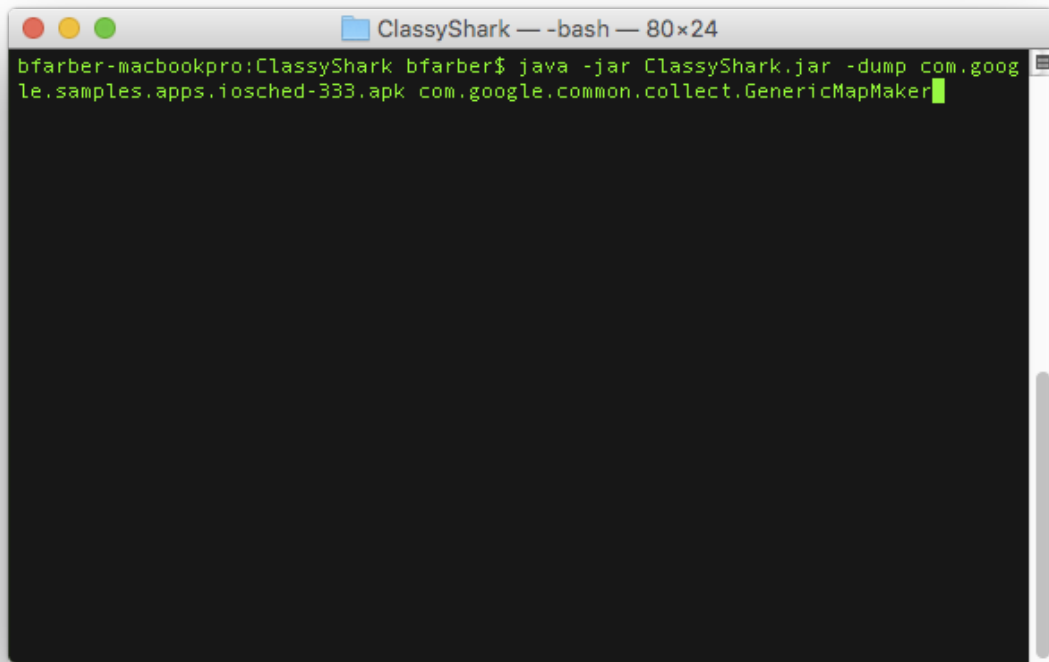
```
ClassyShark — -bash — 80x24
bfarber-macbookpro:ClassyShark bfarber$ java -jar ClassyShark.jar -dump com.google.samples.apps.iosched-333.apk
```

ClassyShark will analyze the APK and dump out the following files, in a grep friendly fashion

- `all_strings.txt` - all the string tables from all the dexes
- `AndroidManifest.xml_dump` - goes without saying
- `<YOUR_APK>.apk_dump.txt` - list of all classes

Dump a specific class from APK

file `java -jar ClassyShark.jar -dump <BINARY_FILE> <FULLY_QUALIFIED_CLASS_NAME>`

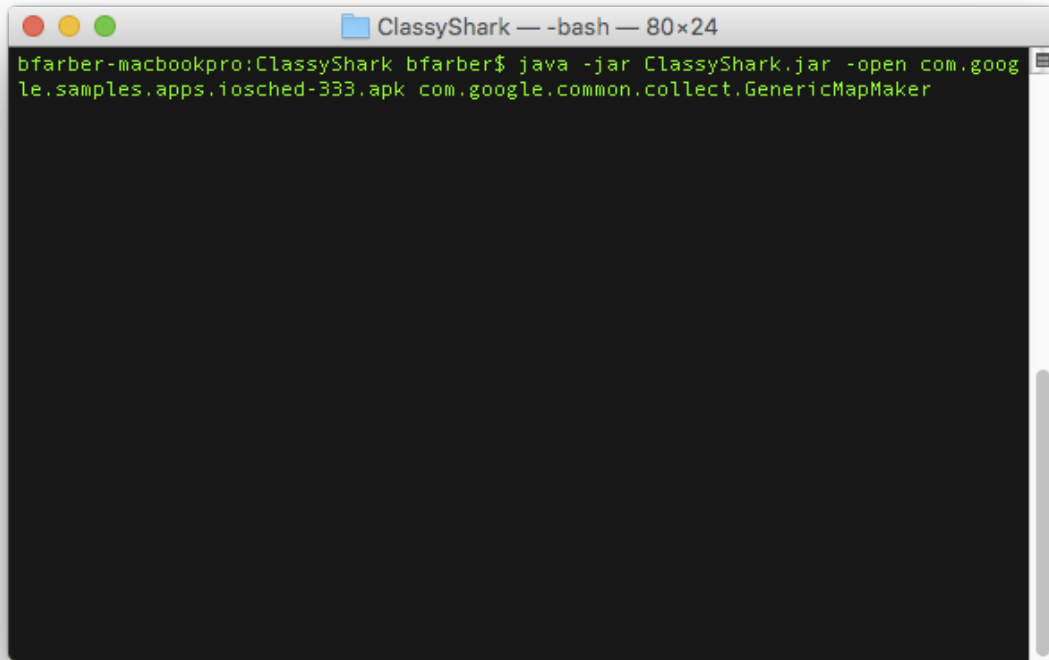


```
ClassyShark — -bash — 80x24
bfarber-macbookpro:ClassyShark bfarber$ java -jar ClassyShark.jar -dump com.google.samples.apps.iosched-333.apk com.google.common.collect.GenericMapMaker
```

ClassyShark generates and dumps a text file, which is a human readable representation of the class, passed as parameter

Open ClassyShark and show specific class in the GUI

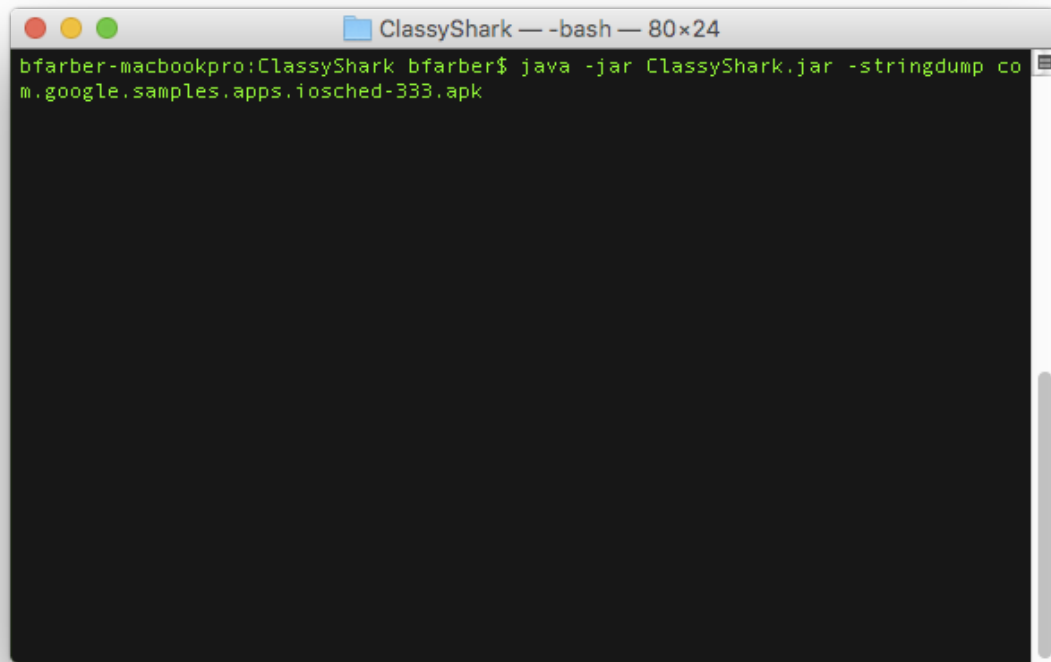
java -jar ClassyShark.jar -open <BINARY_FILE> <FULLY_QUALIFIED_CLASS_NAME>

A screenshot of a macOS terminal window titled "ClassyShark — -bash — 80x24". The terminal shows the command `java -jar ClassyShark.jar -open com.google.samples.apps.iosched-333.apk com.google.common.collect.GenericMapMaker` being entered. The command is split across two lines: `java -jar ClassyShark.jar -open com.goog` on the first line and `le.samples.apps.iosched-333.apk com.google.common.collect.GenericMapMaker` on the second line. The terminal background is black, and the text is green. The window has standard macOS window controls (red, yellow, green buttons) in the top-left corner.

Opens the ClassyShark GUI with the specific class showing in the UI plane.

Dump all methods from APK

java -jar ClassyShark.jar -stringdump <YOUR_APK.apk>

A screenshot of a macOS terminal window. The title bar at the top reads "ClassyShark — -bash — 80x24". The terminal has a black background with green text. The prompt is "bfarber-macbookpro:ClassyShark bfarber\$". The command entered is "java -jar ClassyShark.jar -stringdump com.google.samples.apps.iosched-333.apk". The command is on the first line, and the second line is empty, showing the cursor at the end of the first line.

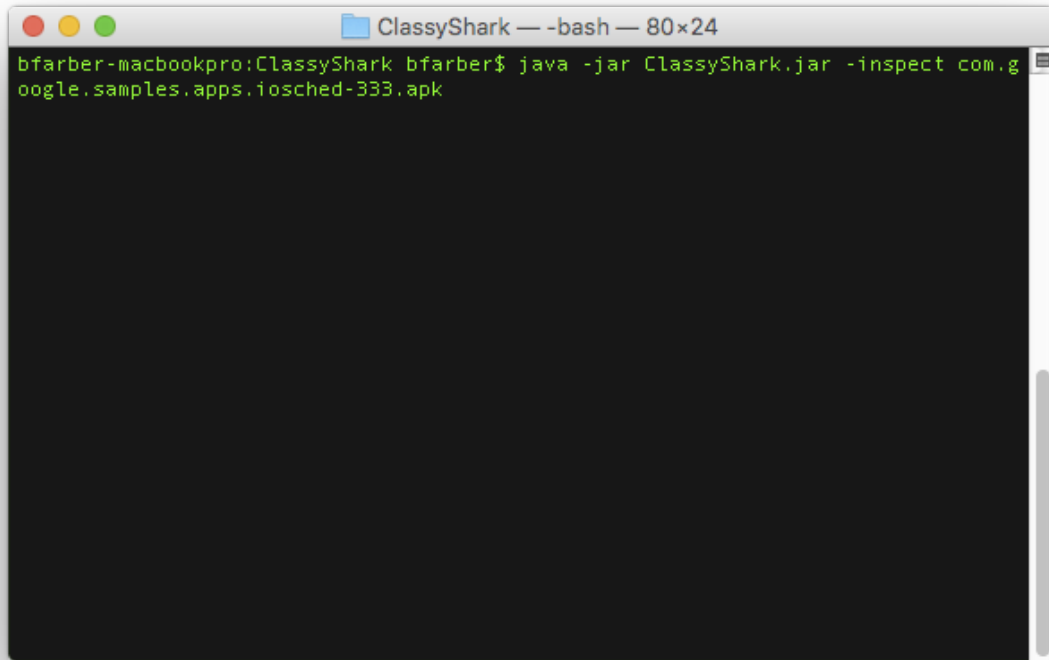
```
bfarber-macbookpro:ClassyShark bfarber$ java -jar ClassyShark.jar -stringdump com.google.samples.apps.iosched-333.apk
```

ClassyShark generates the following files

- all_strings.txt - all the string tables from all the dexes
- all_methods.txt - all the method names and signatures from all the dexes

Inspect APK(experimental)

java -jar ClassyShark.jar -inspect <YOUR_APK.apk>

A screenshot of a macOS terminal window. The title bar at the top reads "ClassyShark — -bash — 80x24". The terminal text shows the command `java -jar ClassyShark.jar -inspect com.google.samples.apps.iosched-333.apk` being entered at the prompt `bfarber-macbookpro:ClassyShark bfarber$`. The rest of the terminal is empty, indicating the command has not yet been executed or its output is not visible in this frame.

```
bfarber-macbookpro:ClassyShark bfarber$ java -jar ClassyShark.jar -inspect com.google.samples.apps.iosched-333.apk
```

Dumps out to command prompt all the classes that have test as their class names, native and abstract methods