

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 all generated data to a text files](#)

[Dump a specific class from APK](#)

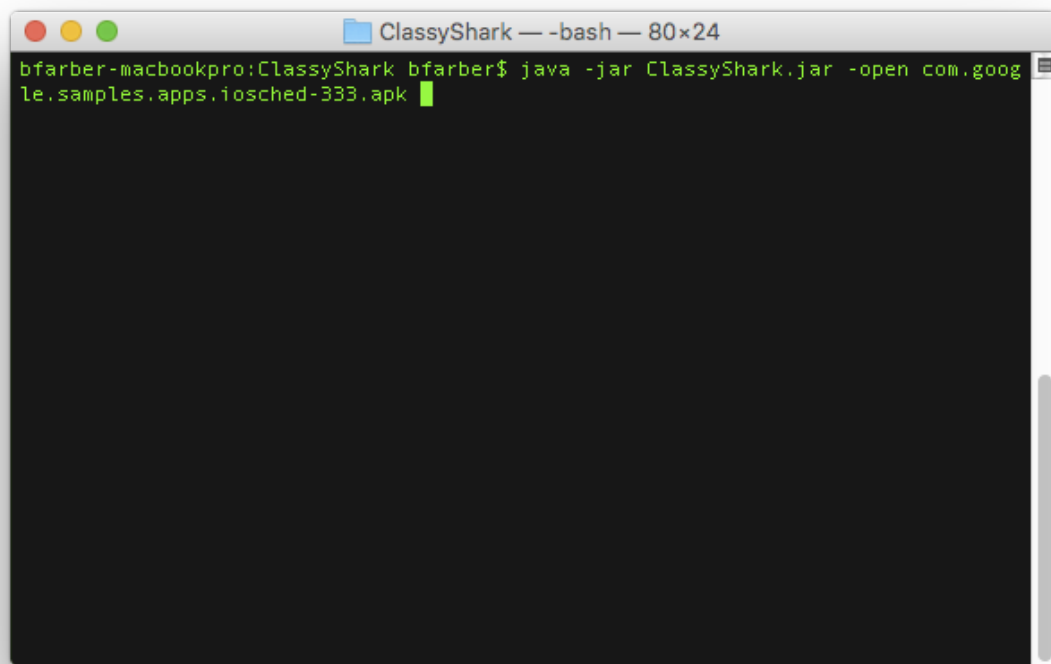
[Open ClassyShark and show specific class in the GUI](#)

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

Open your APK

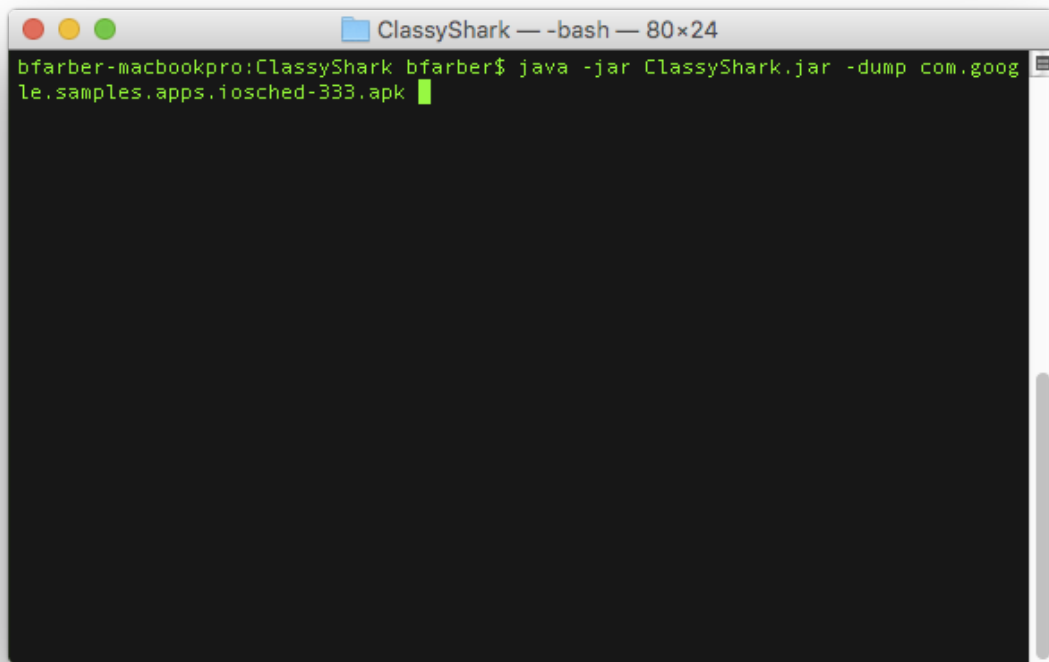
```
java -jar ClassyShark.jar -open <YOUR_APK.apk>
```

A screenshot of a macOS terminal window. The title bar at the top reads "ClassyShark — -bash — 80x24". The terminal text shows the command `java -jar ClassyShark.jar -open com.google.samples.apps.iosched-333.apk` being entered. The cursor is at the end of the command line. The terminal background is black, and the text is green.

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

Dump generated data to text files

`-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 command is on the first line, and a green cursor is at the end of the second line. The rest of the terminal is empty.

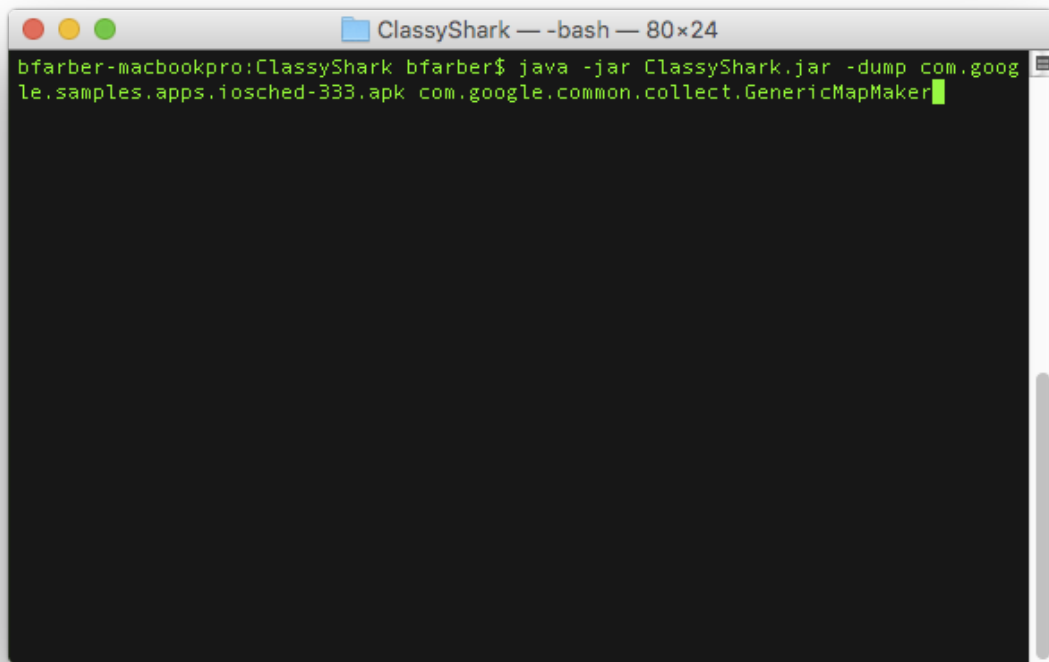
```
ClassyShark — -bash — 80x24
bfarber-macbookpro:ClassyShark bfarber$ java -jar ClassyShark.jar -dump com.google.samples.apps.iosched-333.apk
```

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>`

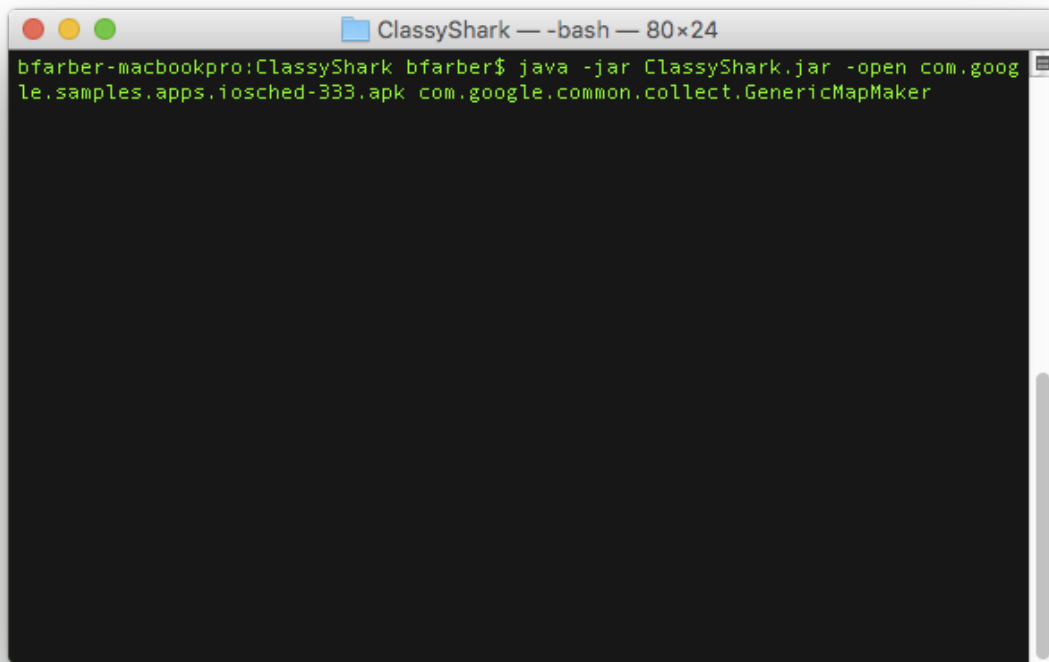
A screenshot of a macOS terminal window titled "ClassyShark — -bash — 80x24". The window has a dark background and a light gray title bar with standard macOS window controls (red, yellow, green buttons). The terminal text shows the command: `bfarber-macbookpro:ClassyShark bfarber$ java -jar ClassyShark.jar -dump com.google.samples.apps.iosched-333.apk com.google.common.collect.GenericMapMaker`. The cursor is at the end of the second parameter. The rest of the terminal area is empty.

```
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 a command being executed: `bfarber-macbookpro:ClassyShark bfarber$ java -jar ClassyShark.jar -open com.google.samples.apps.iosched-333.apk com.google.common.collect.GenericMapMaker`. The command is split across two lines. 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 and a scrollbar on the right side.

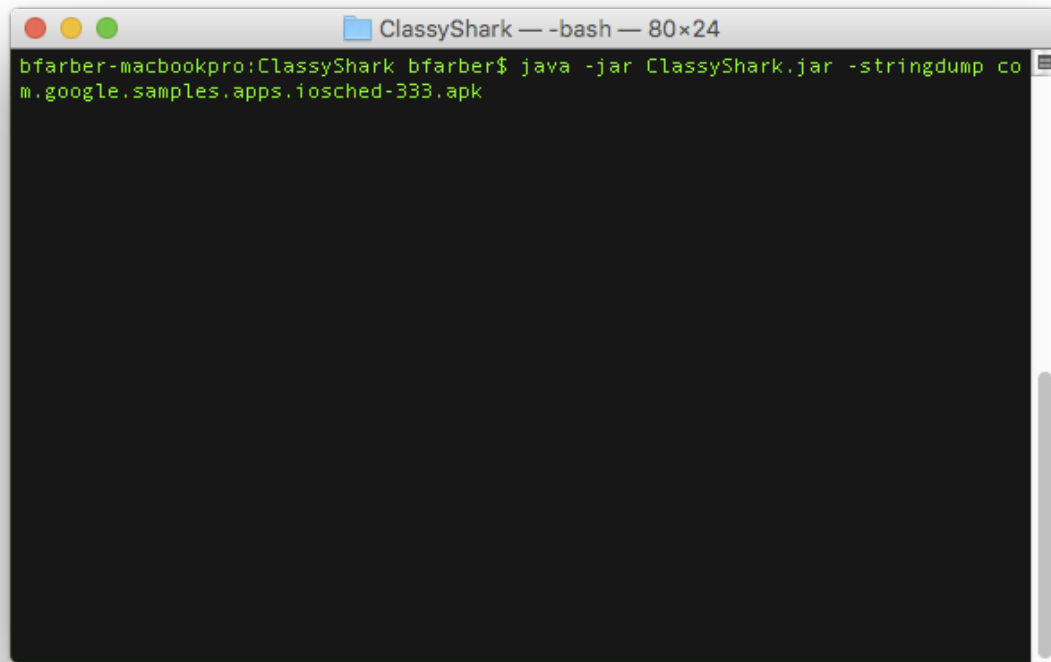
```
bfarber-macbookpro:ClassyShark bfarber$ java -jar ClassyShark.jar -open com.google.samples.apps.iosched-333.apk com.google.common.collect.GenericMapMaker
```

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

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

Dump all methods from APK

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

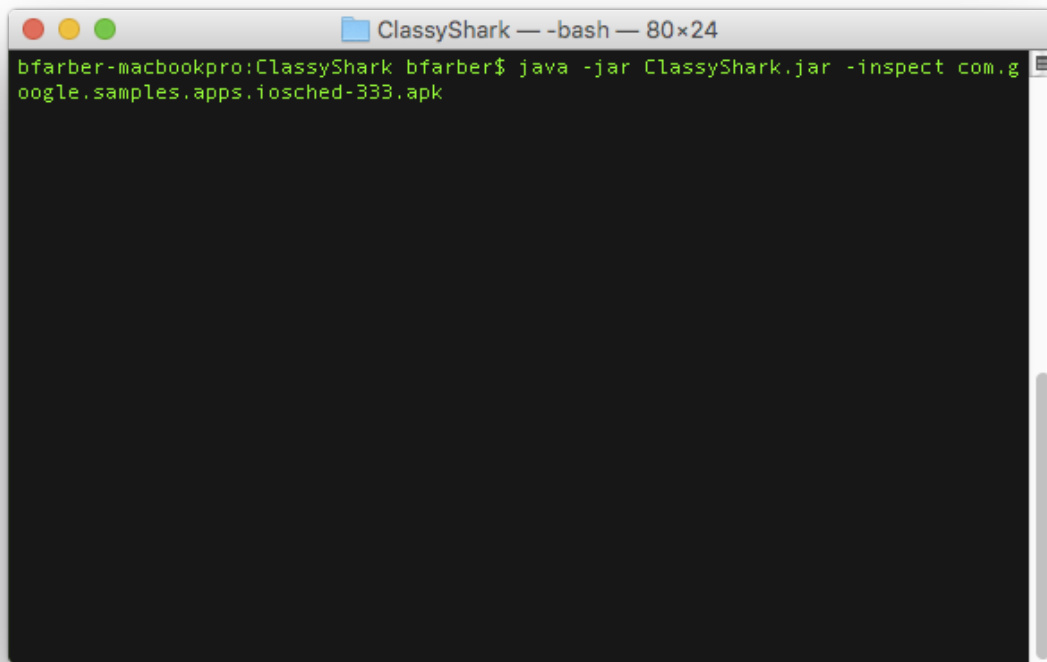
A screenshot of a macOS terminal window. The title bar at the top reads "ClassyShark — -bash — 80x24". The terminal has a black background with green text. The prompt is "bfarber-macbookpro:ClassyShark bfarber\$". The command entered is "java -jar ClassyShark.jar -stringdump com.google.samples.apps.iosched-333.apk".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

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

ClassyShark generates the following files

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. The rest of the terminal area is currently empty, indicating the command has been executed but its output has not yet appeared.

```
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