✕

Learn Git and GitHub without any code!

Using the Hello World guide, you'll start a branch, write comments, and open a pull request.

Read the guide

📖 **KJCracks** / **Clutch**

Fast iOS executable dumper

⭐ **3.1k** stars　　⑂ **607** forks

☆ Star　　　　　　　　　　　👁 Watch ▾

Code	Issues 34	Pull requests	Actions	Projects	Wiki	Security	Insights

⑂ master ▾　　　　　　　　　　　　　　　　　　　⋯

Tatsh　…　　　　　　　　　　　　　on 4 Nov 2019　🕘

View code

README.md

Clutch

Clutch is a high-speed iOS decryption tool. Clutch supports the iPhone, iPod Touch, and iPad as well as all iOS version, architecture types, and most binaries. **Clutch is meant only for educational purposes and security research.**

Clutch requires a jailbroken iOS device with version 8.0 or greater.

Usage

```
Clutch [OPTIONS]
-b --binary-dump     Only dump binary files from specified bundleID
-d --dump            Dump specified bundleID into .ipa file
-i --print-installed Print installed application
--clean              Clean /var/tmp/clutch directory
--version            Display version and exit
-? --help            Display this help and exit
```

Clutch may encounter `Segmentation Fault: 11` when dumping apps with a large number of frameworks. Increase your device's maximum number of open file descriptors with `ulimit -n 512` (default is 256).

Building

Requirements

- Xcode (install from [App Store](#) or from [Apple's developer site](#))
- Xcode command line tools: `xcode-select --install` (or from [Apple's developer site](#))

Disable SDK code signing requirement

```
killall Xcode
cp /Applications/Xcode.app/Contents/Developer/Platforms/iPhoneOS.platform/Developer/S
sudo /usr/libexec/PlistBuddy -c "Set :DefaultProperties:CODE_SIGNING_REQUIRED NO" /Ap
sudo /usr/libexec/PlistBuddy -c "Set :DefaultProperties:AD_HOC_CODE_SIGNING_ALLOWED Y
```

Note that if you update Xcode you may need to run these commands again.

Compiling

Xcode

```
xcodebuild clean build
```

CMake

```
mkdir build
cd build
cmake -DCMAKE_BUILD_TYPE=Release -DCMAKE_TOOLCHAIN_FILE=../cmake/iphoneos.toolchain.c
make -j$(sysctl -n hw.logicalcpu)
```

Installation

After building, a copy of the binary named `Clutch` is placed in the build directory. Copy this to your device:

```
scp ./build/Clutch root@<your.device.ip>:/usr/bin/Clutch
```

If you are using [iproxy](), use this line (replace `2222` with a different port if necessary):

```
scp -P 2222 ./build/Clutch root@localhost:/usr/bin/Clutch
```

When you SSH into your device, run `Clutch`.

If you are using the [unc0ver jailbreak](), you may need to run the following:

```
inject /usr/bin/Clutch
```

Licenses

Clutch uses the following libraries under their respective licenses.

- [optool]() by Alex Zielenski
- [ZipArchive]() by Matt Connolly, Edward Patel, et al.
- [MiniZip]() by Gilles Vollant and Mathias Svensson.

Thanks

Clutch would not be what it is without these people:

- dissident - The original creator of Clutch (pre 1.2.6)
- Nighthawk - Code contributor (pre 1.2.6)
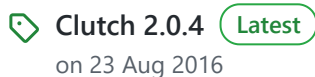- Rastignac - Inspiration and genius
- TheSexyPenguin - Inspiration

Contributors

- iT0ny
- ttwj
- NinjaLikesCheez
- Tatsh
- C0deH4cker
- DoubleDoughnut
- iD70my
- OdNairy
- palmerc
- jack980517

Copyright

Releases 35

🏷 **Clutch 2.0.4** Latest
on 23 Aug 2016

+ 34 releases

Packages

No packages published

Contributors 10

Languages

● **Objective-C** 51.2%   ● **C** 42.9%   ● **C++** 3.8%   ● **CMake** 2.1%