**simctl**

Apple has ‘simctl’ binary to interact with iOS simulators from command line. It’s very similar to the [adb](https://developer.android.com/studio/command-line/adb.html) for Android. Again it’s another utility poorly documented by Apple but we can find binary at /Applications/Xcode.app/Contents/Developer/usr/bin/simctl and we can use it with xcrun utility . We can access all the available options using the help command

$ xcrun simctl help

$ xcrun simctl

**Listing all available simulators**

We can easily list all the available simulators using command

$ xcrun simctl list

$ xcrun simctl list | grep Booted. ( booted only )

$ xcrun simctl list --jason ( great for more clear output)

This command will list all the available simulators with runtime. It will also show ‘booted’ simulator if it’s running already.

**Shutdown/Erase/Boot**

As we have already seen that, there is another simulator already booted, let’s shut it down and erase it’s content. The order is important here, we can’t erase simulator in the booted state, we need to shutdown first then erase.

$ xcrun simctl **shutdown** C8C050F3–062D-4444-A888-BBEC783E31BD

$ xcrun simctl **erase** C8C050F3–062D-4444-A888-BBEC783E31BD

**Boot**

Now let’s boot the newly created simulator using new UUID

$ xcrun simctl boot C86A559A-1F50–40D1–8D84–954EDFBBCE18

**Screenshot**

$ xcrun simctl io booted screenshot ~/Desktop/screen.png

This will save the screenshot of the simulator in the current working directory with file screen.png

**Video Recording**

Similarly, we can record video of simulator while using app and save it on disk using

$ xcrun simctl io booted recordVideo news.mov

This will save video of the simulator to to news.mov file which can be played using Quick Time player or similar.

Opening a URL on a simulator

xcrun simctl openurl booted 'https://google.com'

**Collecting Simulator Logs**

xcrun simctl spawn booted log collect

To unhide Library folder

chflags nohidden ~/Library/

**How to Display the Full Path in Mac Finder Window Titlebars**

TO get started, you’ll need to launch the Terminal app on the Mac (found in the /Applications/Utilities/ folder), and then enter the following defaults command string onto a single line:

defaults write com.apple.finder \_FXShowPosixPathInTitle -bool YES

Hit the return key for the defaults string to execute.

Now you’ll want to kill the Finder for changes to take effect, this causes the Finder to quit and then relaunch itself:

killall Finder

Again hit the return key.