

SWIFT SCAFFOLDING

The fantastic toolbox

- Managing dependencies
- Helping you building your project
- “Classic” libraries

Dependencies

⟨COCOAPODS⟩

VS



Cocoapods

- Installation: `sudo gem install cocoapods`
- Pod spec \leftrightarrow Gemfile
- Force you to generate and use a workspace

Carthage

- Decentralized dependency manager
- Installation: brew or pkg file
- Cartfile <=> Gemfile
- Force you to drag and drop any framework
- Force you to have a developer account

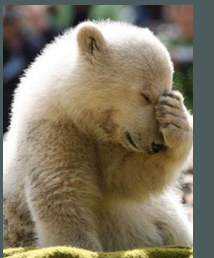
Helpers

Alcatraz

- <http://alcatraz.io/>
- Xcode plugin manager
- Supports Plugins + Templates + Themes

Best plugins

- <https://github.com/zats/AdjustFontSize-Xcode-Plugin> - Adjust font size
- <https://github.com/limejelly/Backlight-for-XCode> - Highlight current line
- <https://github.com/johnno1962/GitDiff> - Git diff in gutter
- <https://github.com/Jintin/Swimat> - Formats code on save
- <https://github.com/robbiehanson/XcodeColors> - Adds color to console output
- <https://github.com/johnno1962/Refactorator> - Refactors Swift code (in Beta)



R.swift

- <https://github.com/mac-cain13/R.swift>
- Using assets (strings, segues, images etc.) via R.class
- Ensure at compilation the resource exists ; crash otherwise

SwiftLint

- <https://github.com/realm/SwiftLint>

- Swift linter



- Can be added to a continuous integration solution

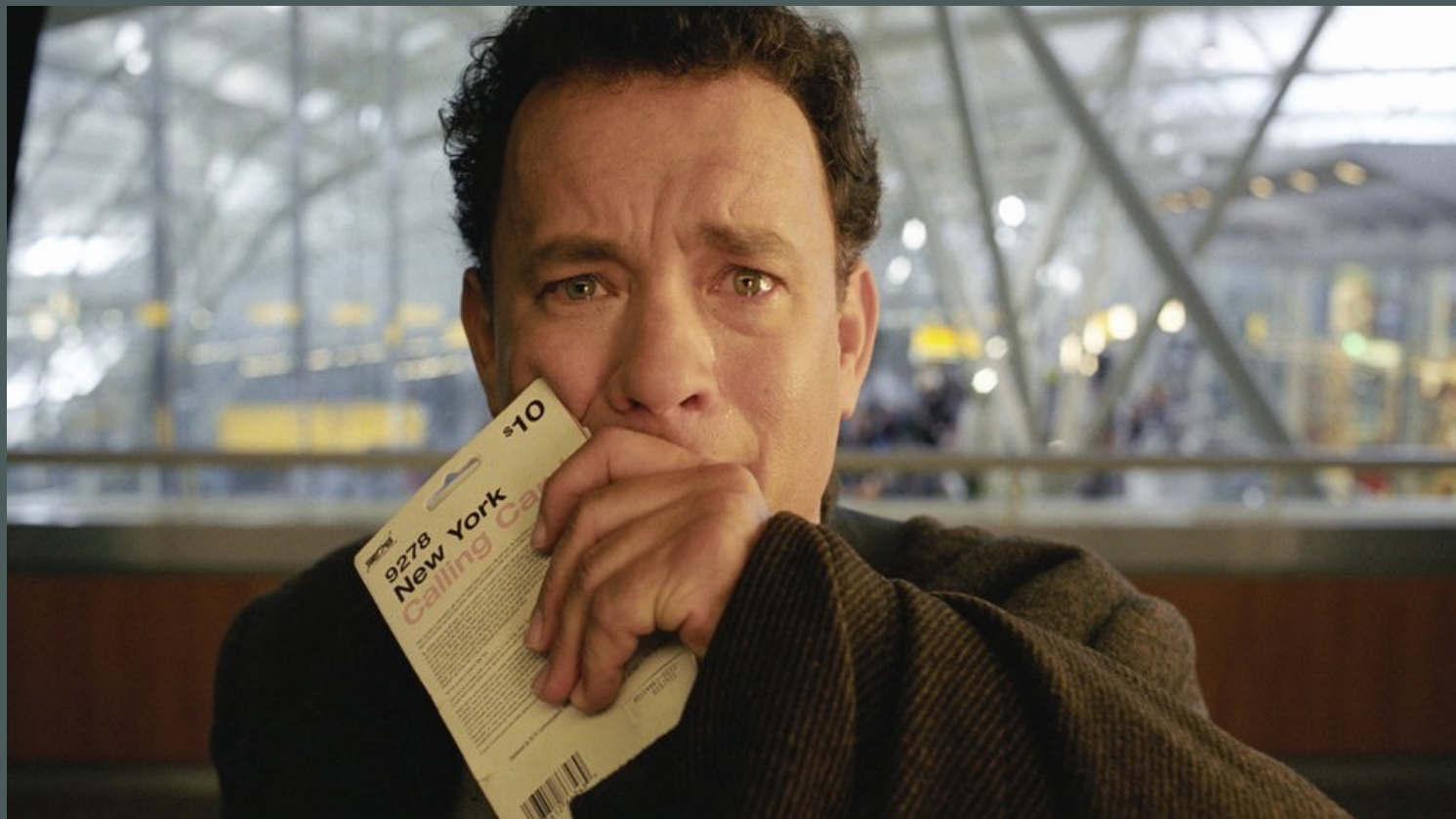
Swift profiling

- <http://irace.me/swift-profiling/>
- Special flag in Xcode to help you tracking the longest pieces of code to compile
- But no indication about how to make them faster :(

Test Fairy

- <http://testfairy.com/>
- Publish your application to a limited audience
- Observe what your users are doing
- Track your users / record their screens and get crash reports

And it is 100% free.



Welcome!

1

APPS

305

SESSIONS

29

CRASHES

0

ISSUES



79

TESTERS



7

DEVICES

Apps

APP NAME	OS	LATEST VER	BUILDS	SESSIONS	CRASHES	TESTERS	ISSUES	LATEST SESSION	LATEST UPLOAD
		responsible-marten-v0.8.0-debug	25	295	29	78	0	2016-01-26 00:08:13	2016-01-19

Recent Sessions

TESTER	DEVICE	APP	VERSION	TIME ADDED	DURATION	STATUS
 User-83	Apple - iPhone 5		responsible-marten-v0.8.0-debug	2016-01-22 18:32:13	01:27	

Fastlane

- <https://fastlane.tools/>
- Kind of big but worth a try

Libraries

Realm

- <https://realm.io/>
- Best ORM these days
- Supports models, queries, migrations and encryption
- Even offers a database browser (still in beta)

Dollar/Cent

- <http://www.dollarswift.org/>
- Great set of extensions for basic data structures: strings, arrays numbers etc
- Map / Min / Max / Flatten / Shuffle etc.

Alamofire

- <https://github.com/Alamofire/Alamofire>
- Classic library for HTTP networking

```
Alamofire.request(.GET, "https://httpbin.org/get", parameters: ["foo": "bar"])
    .responseJSON { response in
        print(response.request) // original URL request
        print(response.response) // URL response
        print(response.data)     // server data
        print(response.result)   // result of response serialization

        if let JSON = response.result.value {
            print("JSON: \(JSON)")
        }
    }
```

SwiftyJSON

- <https://github.com/SwiftyJSON/SwiftyJSON>
- Easy JSON manipulation

```
let json = JSON(data: dataFromNetworking)
if let userName = json[0]["user"]["name"].string {
    //Now you got your value
}
```

- Also possible to use Argo: <https://github.com/thoughtbot/Argo>

SwiftDate

- <https://github.com/malcommac/SwiftDate>
- Play with dates in an elegant way
- `let d = currentDate + 2.weeks`
- Compare dates
- Alternative to DateTools



SwiftyTimer

- <https://github.com/radex/SwiftyTimer>
- `NSTimer.every(0.7.seconds) { /** do stuff */ }`
- `NSTimer.after(1.minute) { }`



Async

- <https://github.com/duemunk/Async>
- Helper for running actions on main thread and in background quickly
- But could be used as a thread manager as well

Also, check these out

- <https://github.com/matteocrippa/awesome-swift>
- <https://github.com/Wolg/awesome-swift>
- <https://github.com/vsouza/awesome-ios>
- <https://github.com/hsavit1/Awesome-Swift-Education>
- https://twitter.com/swift_weekly