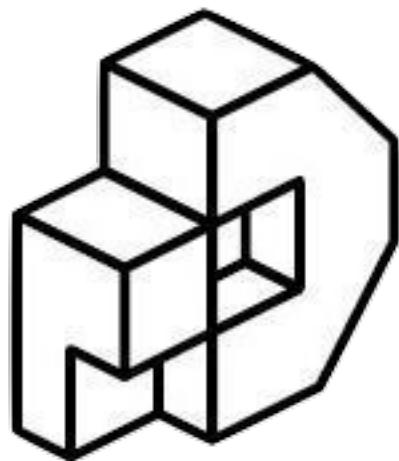


**Comprei um Mac!
E agora como começar a
desenvolver para iOS?**

Rodrigo Rovaron



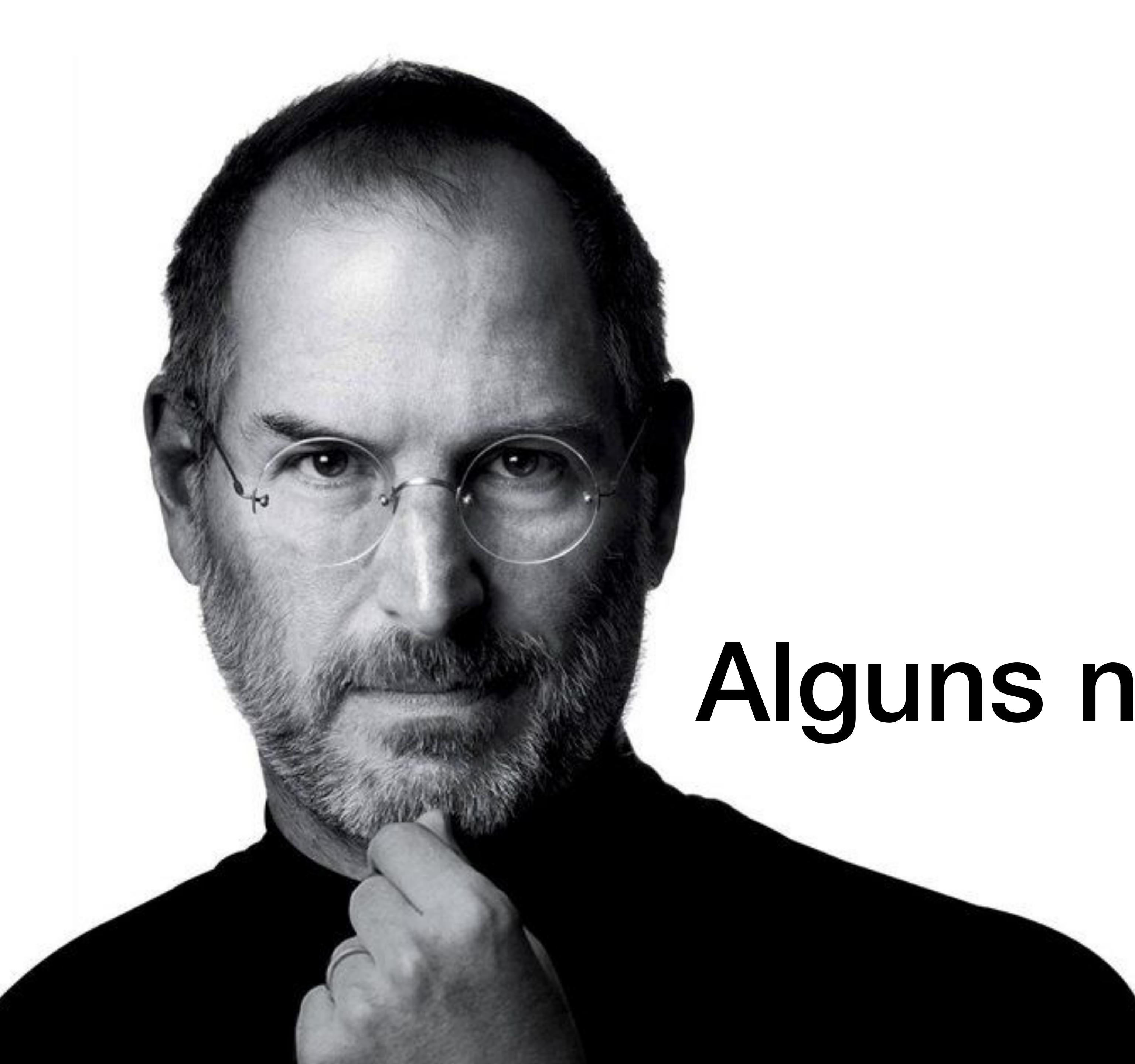
DEVPIRA



Por que devo aprender iOS?

- Uso de Swift
 - Linguagem open source e em evolução
- Menor variedade de dispositivos para se preocupar
- Remunerações (pouco) acima da média em comparação com Android e/ou plataformas híbridas
- Maior facilidade de monetização





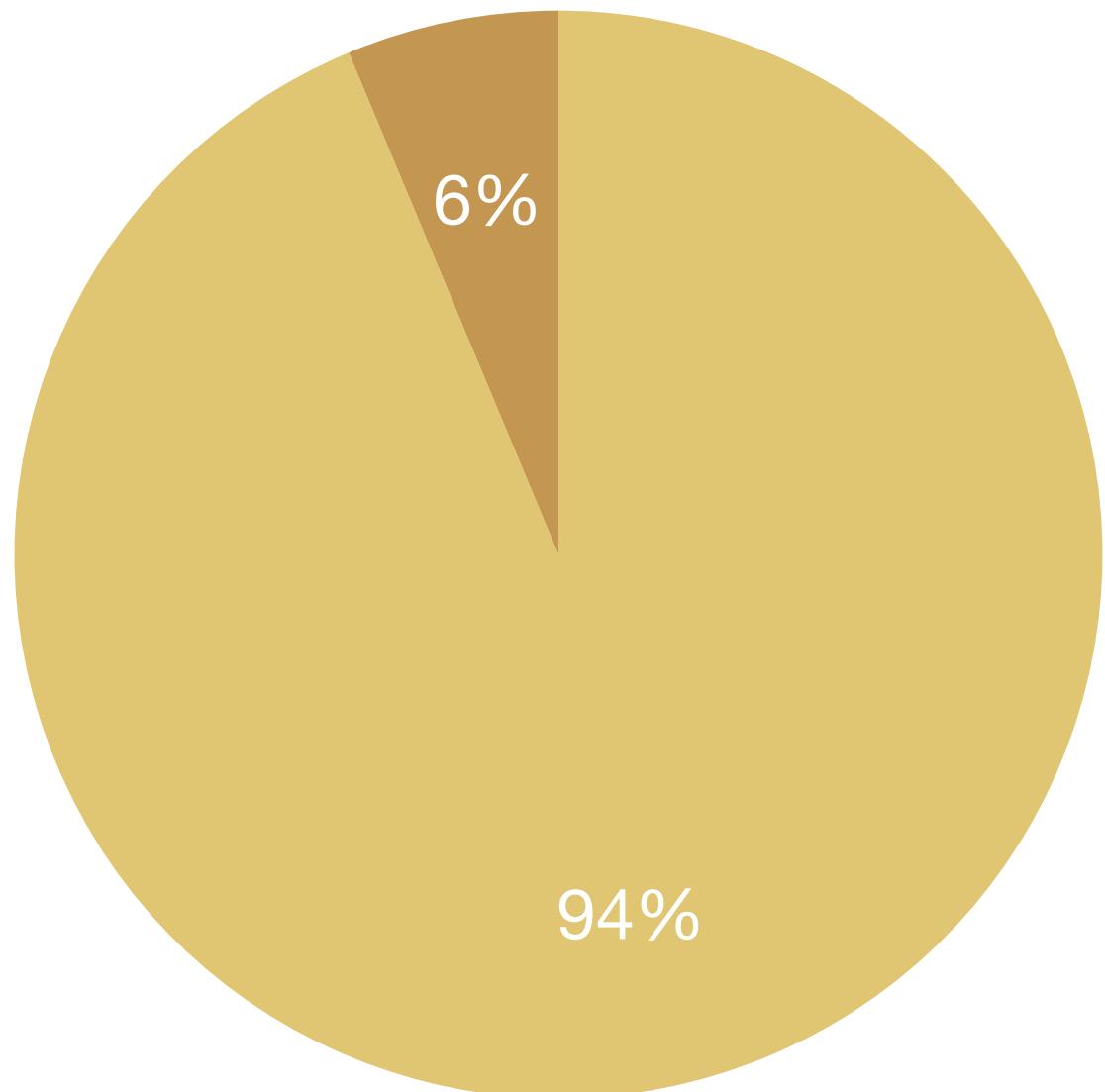
Alguns números..

1,89m de Apps

748k publishers

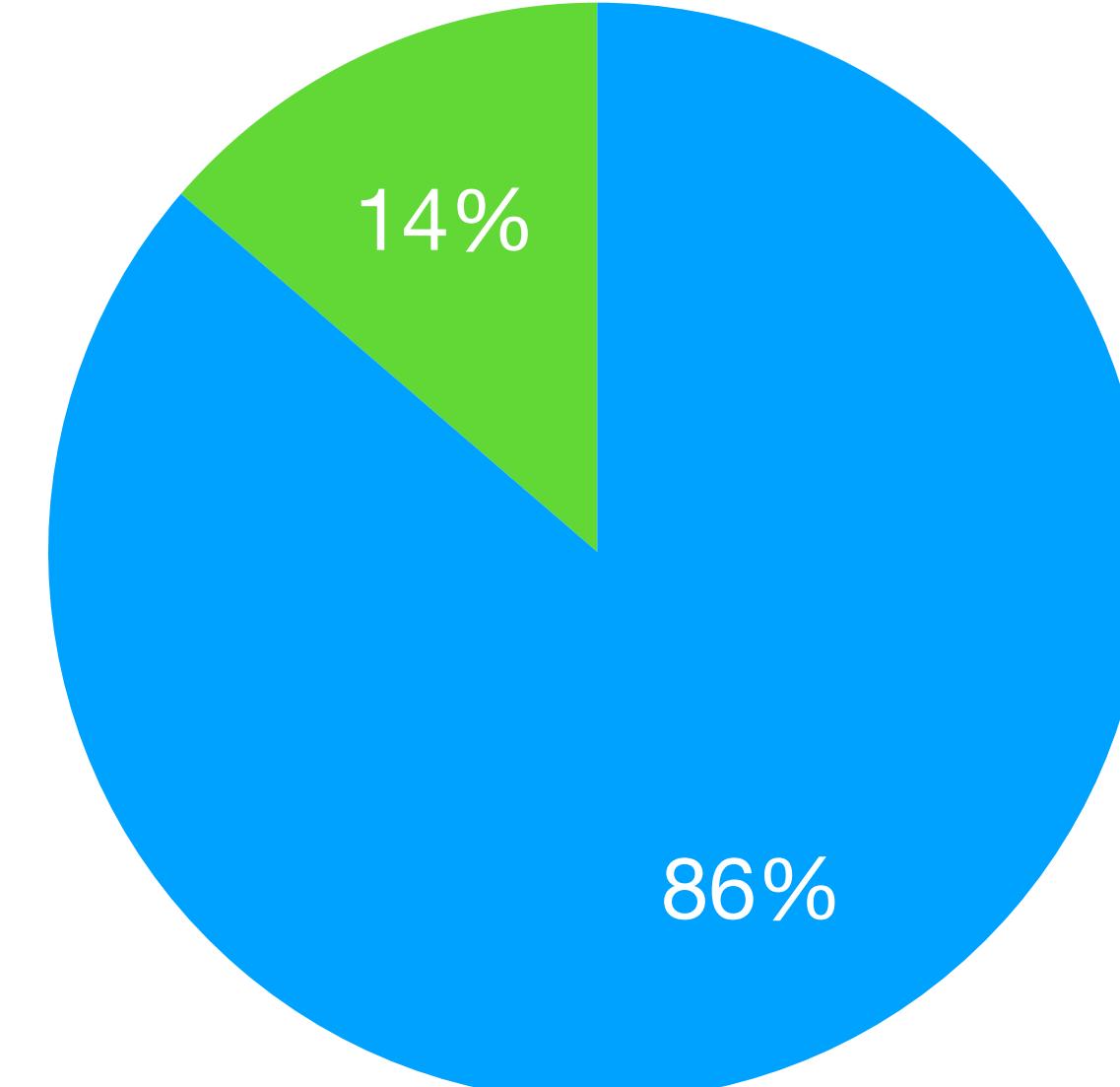
Grátis

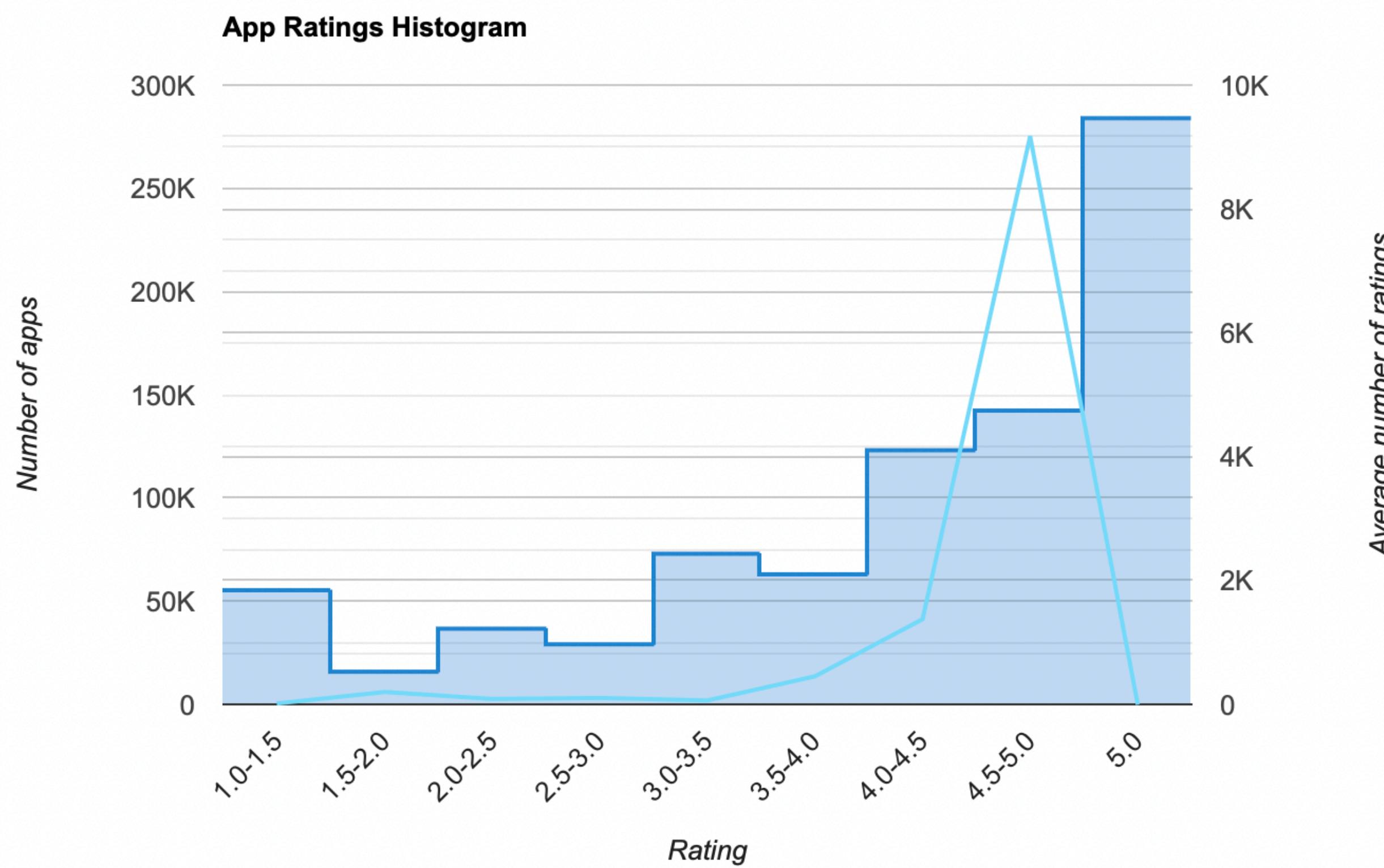
Pago



App

Game

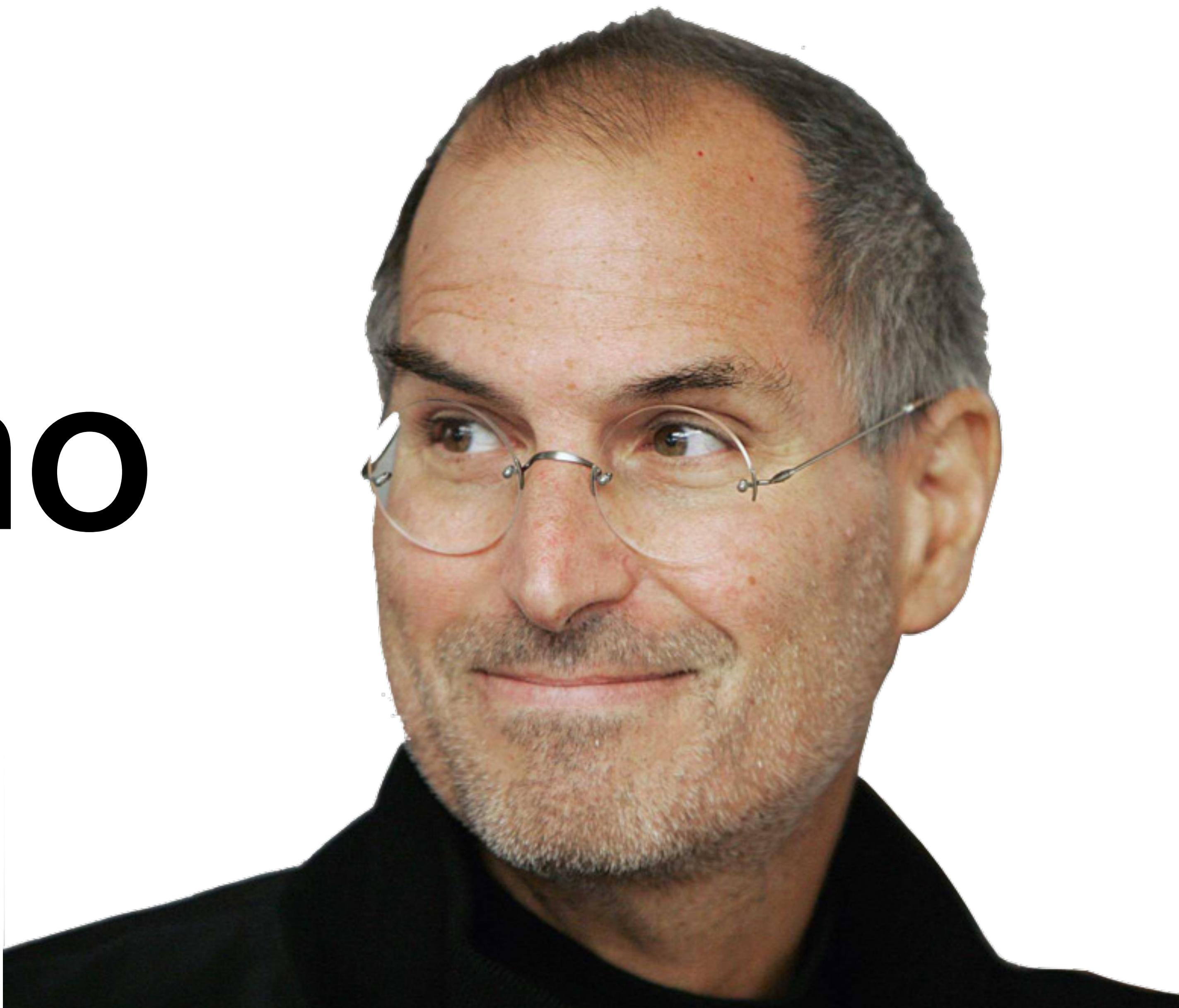




Average number of ratings



Demo



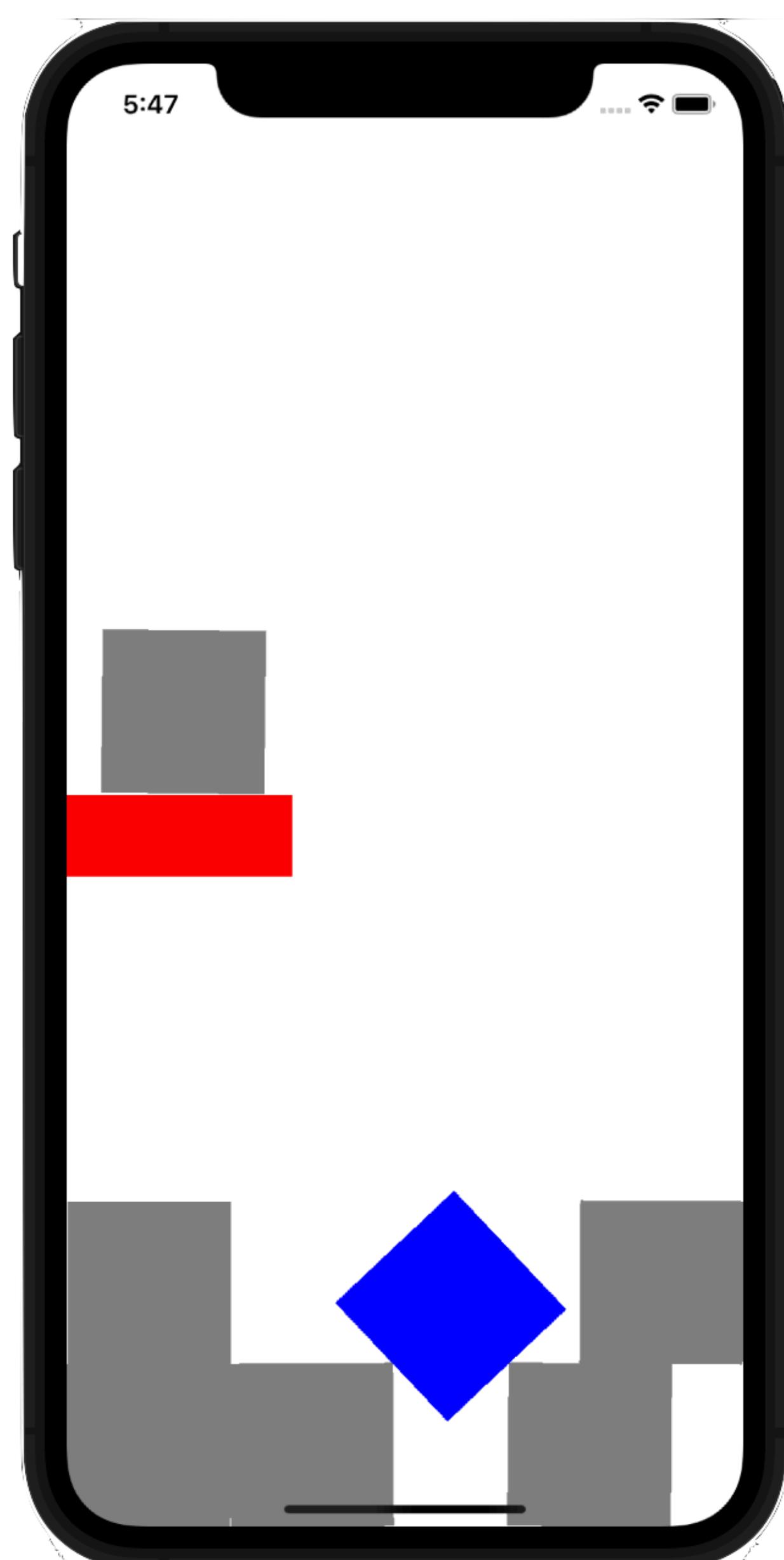


Xcode

The screenshot shows the Xcode interface with the following details:

- Project Navigator:** Shows the project structure with the **iOSDemo** folder expanded, containing **AppDelegate**, **SceneDelegate**, **ViewController**, **Main**, **Assets**, **LaunchScreen**, and **Info**.
- Search Bar:** At the top right, it says "iOSDemo > iPhone 11".
- Editor Area:** The main area displays the **ViewController** code in **ViewController.swift**. The code initializes a UIDynamicAnimator, sets up gravity and collision behaviors, adds a barrier view, and handles tap gestures to add square views.

```
1 // ViewController.swift
2 // iOSDemo
3 // Created by Rodrigo Rovaron on 28/11/21.
4 //
5 import UIKit
6
7
8 class ViewController: UIViewController {
9
10    var animator: UIDynamicAnimator!
11    var gravity: UIGravityBehavior!
12    var collision: UICollisionBehavior!
13
14    override func viewDidLoad() {
15        super.viewDidLoad()
16
17        animator = UIDynamicAnimator(referenceView: view)
18        gravity = UIGravityBehavior()
19        collision = UICollisionBehavior()
20
21        collision.collisionDelegate = self
22        collision.translatesReferenceBoundsIntoBoundary = true
23
24        addSquareOnTap()
25        addBarrier()
26
27    }
28
29
30    func addBarrier() {
31
32        let barrier = UIView(frame: CGRect(x: .zero,
33                                           y: UIScreen.main.bounds.height / 2,
34                                           width: UIScreen.main.bounds.width,
35                                           height: 50))
36        barrier.backgroundColor = UIColor.red
37        view.addSubview(barrier)
38
39        addCollisionFor(collisionView: barrier)
40    }
41
42    func addSquareOnTap() {
43
44        let tapGesture = UITapGestureRecognizer.init(target: self,
45                                                    view: view)
46        view.addGestureRecognizer(tapGesture)
47
48        func addCollisionFor(collisionView: UIView) {
49
50            collision.addCollisionBoundary(collisionView)
51        }
52    }
53}
```



Referências



- <https://developer.apple.com/wwdc21/>

WWDC21

Overview Sessions Labs Forums Lounges Challenges Special Events

#WWDC21

Watch the Keynote and State of the Union

The Apple Worldwide Developers Conference kicks off with exciting reveals, inspiration, and new opportunities. Join the worldwide developer community for an in-depth look at the future of Apple platforms, directly from Apple Park.

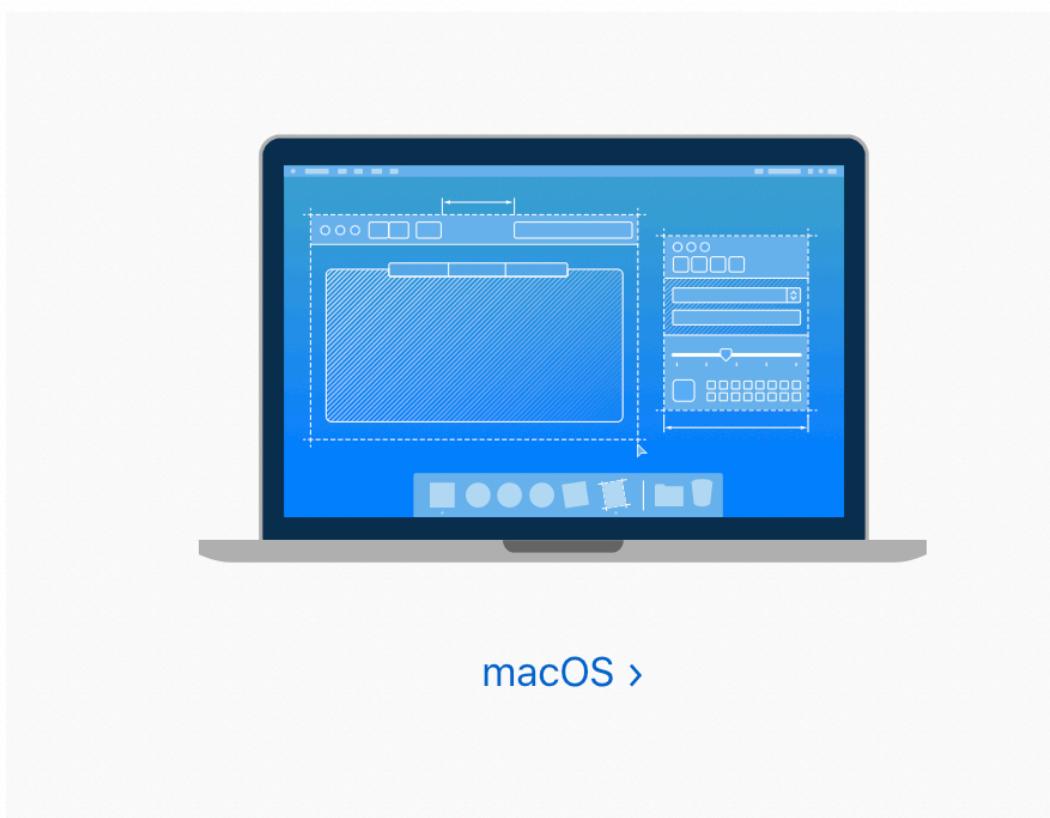
Apple Keynote
June 7, 10 a.m. PDT

State of the Union
June 7, 2 p.m. PDT

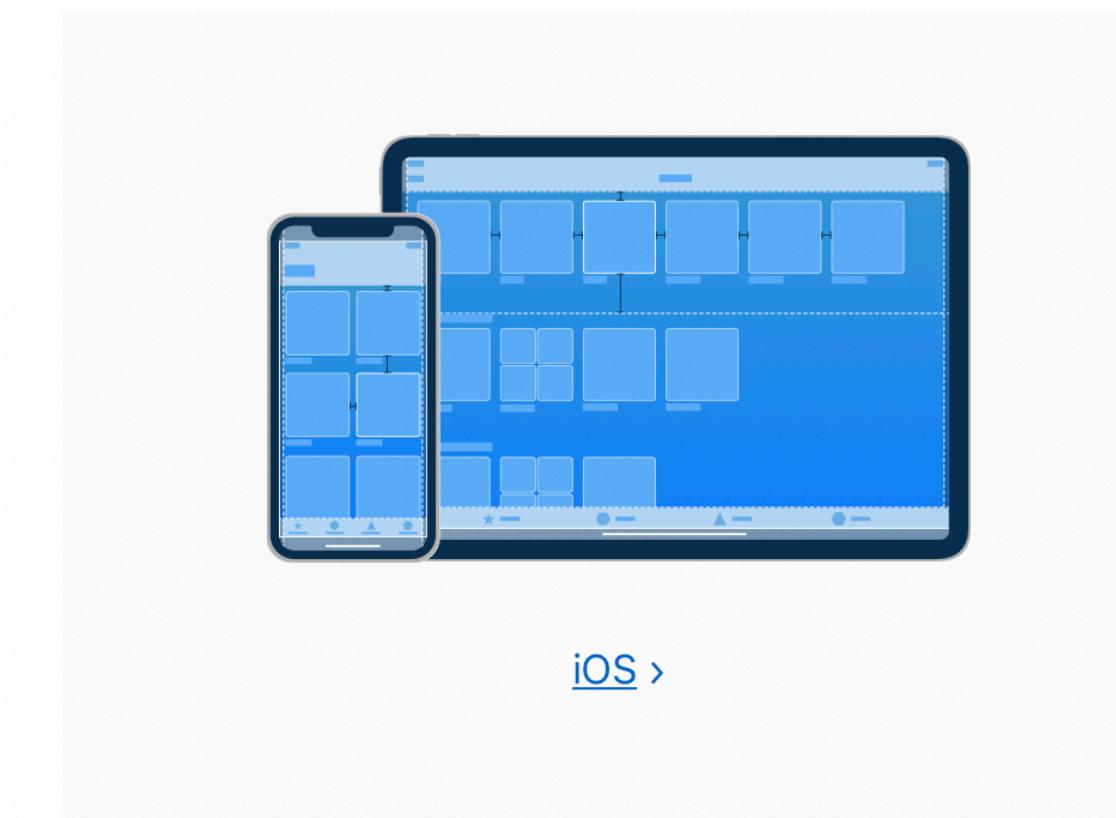
- <https://developer.apple.com/design/human-interface-guidelines/>

Human Interface Guidelines

Get in-depth information and UI resources for designing great apps that integrate seamlessly with Apple platforms.



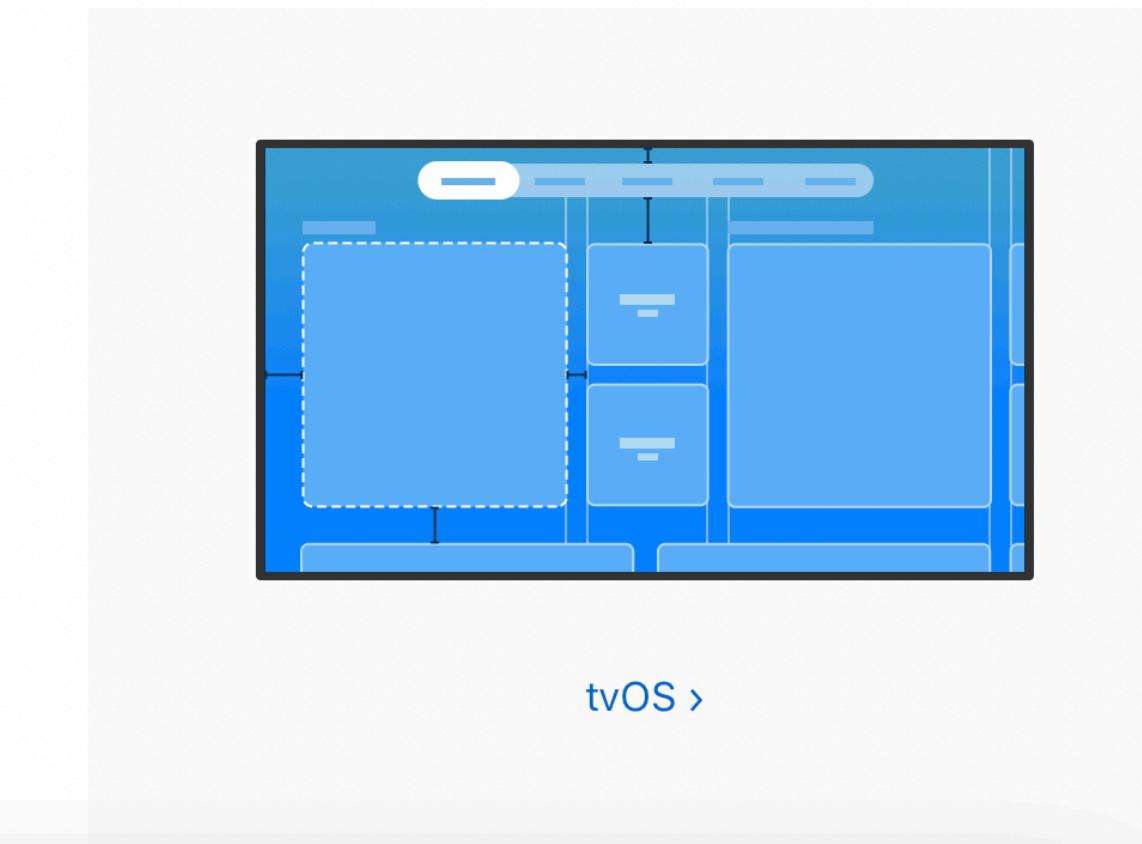
[macOS >](#)



[iOS >](#)

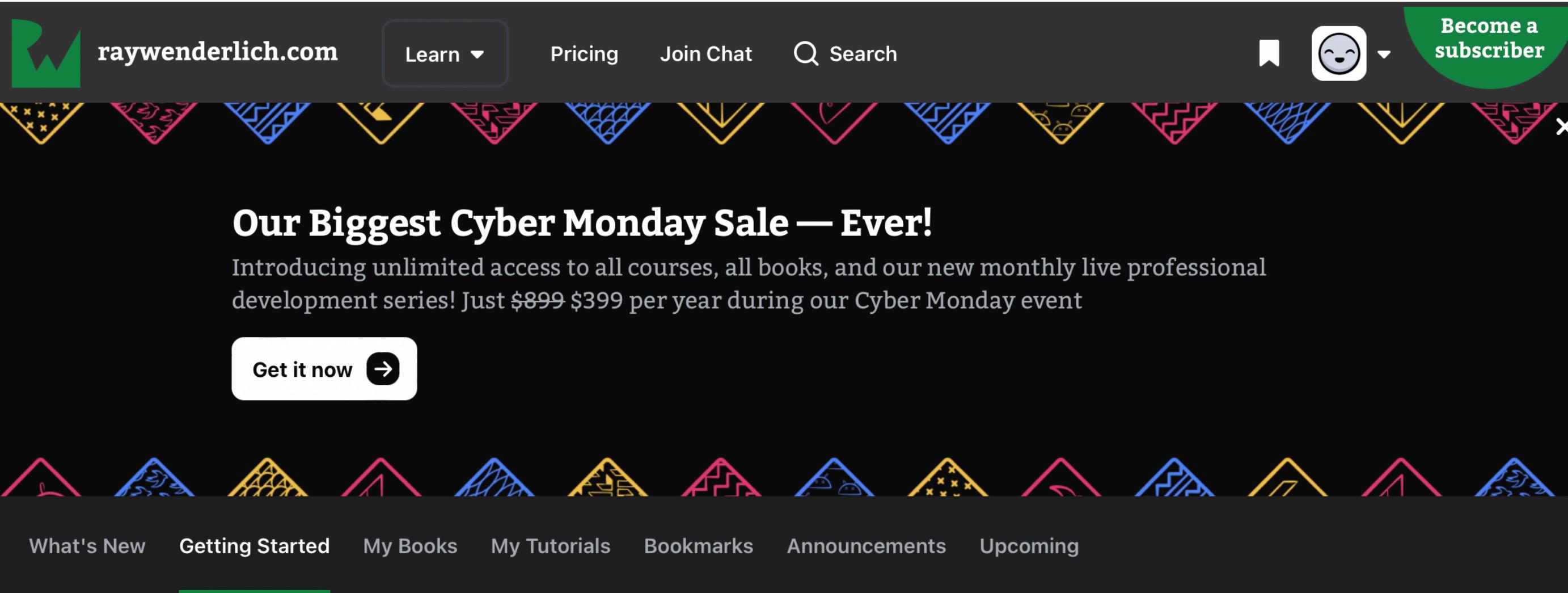


[watchOS >](#)



[tvOS >](#)

- <https://www.raywenderlich.com>



Hi rrovaron, this page is for beginners and new users. If you don't find it helpful click [here](#) to remove it.

Getting Started

Here are the best resources for beginners to mobile development.

From zero to hero with learning paths

Level up faster with learning paths that take you through basic to intermediate development.

Build your first iOS app

Create your very own iOS app that runs on your device...designed for absolute beginners!

Build your first Android app

Construct a complete Android app easily in Android Studio, using the modern Kotlin language.

- <https://www.hackingwithswift.com>

The screenshot shows the homepage of the Hacking with Swift website. At the top, there's a red navigation bar with links for HACKING WITH SWIFT, FORUMS, LEARN, CAREERS, STORE, ABOUT, SUBSCRIBE, and a search bar. A black banner below the nav bar promotes a Black Friday sale: "BLACK FRIDAY: Save 50% on all our Swift books and bundles! >>". The main title "Learn Swift 5.4 for free." is prominently displayed in large white font. Below it, a subtext reads: "With more free Swift tutorials than any other site, Hacking with Swift will help you learn app development with UIKit and SwiftUI. Search the site, or choose a learning path below." A search bar is located below this text. The page features three main call-to-action cards: "Start Learning" (with a star icon), "Find Answers" (with a briefcase icon), and "Build Your Career" (with a rocket icon). Each card has a corresponding image (laptop, books, city night) and a detailed description.

HACKING WITH SWIFT FORUMS LEARN CAREERS STORE ABOUT SUBSCRIBE

BLACK FRIDAY: Save 50% on all our Swift books and bundles! >>

Learn Swift 5.4 for free.

With more free Swift tutorials than any other site, Hacking with Swift will help you learn app development with UIKit and SwiftUI. Search the site, or choose a learning path below.

Search the entire site

Start Learning

Ready to take your first steps with app development? We have a massive curriculum that teaches Swift 5.4 with both SwiftUI and UIKit.

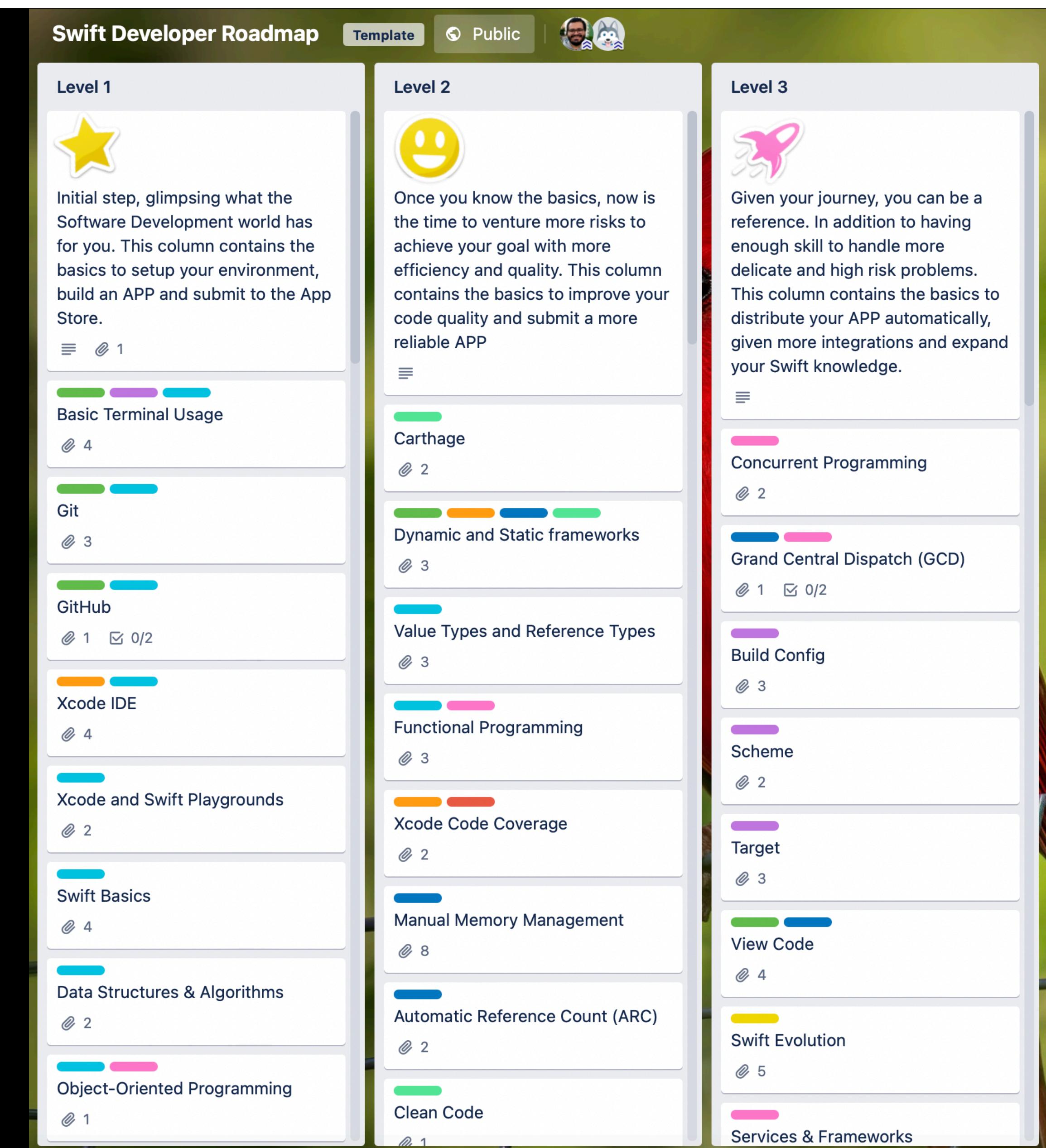
Find Answers

If you're stuck with a coding problem, we have over 600 searchable answers to common questions, code examples, and Swift tips and tricks.

Build Your Career

Review your knowledge, take interactive Swift tests, try answering common interview questions, and get advice from industry experts to ace

- <https://trello.com/b/hLGyiEEE/swift-developer-roadmap>



- <https://refactoring.guru/pt-br/design-patterns/swift>

English Español Français Polski
Русский Українська 中文 Português-Br

Facebook Twitter

✉️ ⌂

PADRÕES de PROJETO em SWIFT

O catálogo dos exemplos Swift

Padrões criacionais		Padrões estruturais	
	Abstract Factory ★★★		Adapter ★★★
Permite que você produza famílias de objetos relacionados sem ter que especificar suas classes concretas.	Artigo principal	Permite a colaboração de objetos de interfaces incompatíveis.	Exemplo conceitual
Uso em Swift	Exemplo do mundo real	Uso em Swift	Exemplo do mundo real

- Stanford iOS - Youtube

- CS193P

The screenshot shows the YouTube mobile interface with a dark theme. The search bar at the top contains the text "CS193P". Below the search bar, there is a sidebar with navigation icons: Início, Explorar, Inscrições, and Biblioteca. The main content area displays four video thumbnails:

- CS193P Spring 2021** by Stanford (16 videos).
 - Lecture 1: Getting started with SwiftUI • 1:21:43
 - Lecture 2: Learning more about SwiftUI • 1:25:04[VER PLAYLIST COMPLETA](#)
- Stanford - Developing iOS 11 Apps with Swift [2017-18]** by CS193P (20 videos).
 - Stanford - Developing iOS 11 Apps with Swift - 1. Introduction to iOS 11, Xcode 9 and Swift 4 • 1:21:59
 - Stanford - Developing iOS 11 Apps with Swift - 2. MVC • 1:12:00[VER PLAYLIST COMPLETA](#)
- Lecture 1: Getting started with SwiftUI** by Stanford (225 mil visualizações, há 6 meses).
 - The first of the lectures given to Stanford University students who took CS193p, Developing Applications for iOS using SwiftUI, ...[Legendas](#) [Inglês](#)
- CS193p iPhone Application Development Spring 2020** by Stanford (15 videos).
 - Lecture 12: Core Data • 1:33:32
 - Lecture 13: Persistence • 1:02:16[VER PLAYLIST COMPLETA](#)

Dúvidas



Obrigado



<https://www.linkedin.com/in/rodrigo-rovaron-97a97741/>



<https://github.com/rrovaron>



One more thing..

Comunidade iOS



- Cocoa-Heads
 - <https://github.com/CocoaHeadsBrasil>
- iOS Dev-BR
 - <https://iosdevbr.herokuapp.com>
- iOS Developers
 - <https://ios-developers.io>

