



cocoapods

<https://cocoapods.org/>

O Que é?

- CocoaPods is a dependency manager for Swift and Objective-C Cocoa projects. It has over 78 thousand libraries and is used in over 3 million apps. CocoaPods can help you scale your projects elegantly.

Instalar

- CocoaPods is built with Ruby and is installable with the default Ruby available on macOS. We recommend you use the default ruby.
- Using the default Ruby install can require you to use sudo when installing gems. Further installation instructions are in the guides.

```
$ sudo gem install cocoapods
```

Iniciar

- CocoaPods provides a ***pod init*** command to create a Podfile with smart defaults. You should use it.
- `$ pod init`
- It creates Podfile

Iniciar

- Search for pods (above). Then list the dependencies in a text file named **Podfile** in your Xcode project directory:

```
platform :ios, '8.0'  
use_frameworks!
```

```
target 'MyApp' do  
  pod 'AFNetworking', '~> 2.6'  
  pod 'ORStackView', '~> 3.0'  
  pod 'SwiftyJSON', '~> 2.3'  
end
```

Iniciar

- You can add more dependencies in your app. Just add pod 'YOUR DEPENDENCY' and run ***pod install***.
- After all, open the YOUR_PROJECT.***xcworkspace***

Iniciar

- All details: <https://cocoapods.org/>

Usando dentro do projeto

- Você deve observar sempre a documentação da biblioteca, nela, haverá tanto o nome do pod para a instalação, quando o nome para o ***import*** dentro do projeto.
- Em toda classe que for utilizar, será necessário fazer o ***import***, assim como hoje já é feito com UIKit.

Let's CODE!

Primeira biblioteca

- **Kingfisher:** Kingfisher is a powerful, pure-Swift library for downloading and caching images from the web. It provides you a chance to use a pure-Swift way to work with remote images in your next app.

Exercício

- Utilizar a biblioteca CardScanner, criando um projeto do zero, criando um label e um button. Ao tocar no button deve abrir o scanner de cartão, após o scanner reconhecer o cartão, deve exibir no label.
- <https://cocoapods.org/pods/CardScanner>