

BreakfastFinder

main

BreakfastFiJoão Bruno's iPhoneFinished running BreakfastFinder on João Bruno's iPhone11

ViewControllerVisionObjectRecognitionViewControllerLaundryTagsDetector

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BreakfastFinder

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Contains the object recognition view controller for the Breakfast Finder.

*/

import UIKit

import AVFoundation

import Vision

class VisionObjectRecognitionViewController: ViewController {

private var detectionOverlay: CALayer! = nil

// Vision parts

private var requests = [VNRequest]()

@discardableResult

func setupVision() -> NSError? {

// Setup Vision parts

let error: NSError! = nil

guard let modelURL = Bundle.main.url(forResource: "LaundryTagsDetector", withExtension: "mlmodelc") else {

return NSError(domain: "VisionObjectRecognitionViewController", code: -1, userInfo: [NSLocalizedStringDescriptionKey: "Model file is missing"])

}

do {

let visionModel = try VNCoreMLModel(for: MLModel(contentsOf: modelURL))

let objectRecognition = VNCoreMLRequest(model: visionModel, completionHandler: { (request, error) in

DispatchQueue.main.async(execute: {

// perform all the UI updates on the main queue

if let results = request.results {

self.drawVisionRequestResults(results)

}

})

})

self.requests = [objectRecognition]

} catch let error as NSError {

print("Model loading went wrong: \(error)")

}

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Line: 24 Col: 79

UIApplicationMain + 340

47 BreakfastFinder.debug.dylib0x0000000102b07088

__debug_main_executable_dylib_entry_point + 64

48 dyld0x00000001b2784d34

5DB83988-2EE6-3756-BD07-B8D67B1133A5 + 212276

+Filter

Auto

Filter

Filter

