



链滴

[iOS Live Text] 使用 iOS16 的 LiveText 用 swiftUI 写一个离线产品包装扫描工具

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原文链接: <https://ld246.com/article/1677036895035>

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把之前写的小工具记录一下。

📄heart ,工具使用SwiftUI为主, 由于LiveText还没有提供SwiftUI的API, 所以使用switfui包装了一UIKit的内容。

注意: 仅支持iOS16系统以及A12芯片以上设备。

分享一下主要实现代码:

包装的live-text swiftUI组件:文本识别取景器,传入需要绑定的变量, 识别文本后, 将值传回swiftui页

```
•  
  
//  
// liveScanner.swift  
// HKS  
//  
// Created by apple on 2022/11/18.  
//  
  
import Foundation  
import SwiftUI  
import UIKit  
import VisionKit  
  
struct LiveScanner: UIViewControllerRepresentable {  
  
    @Binding var startScanning: Bool  
  
    @Binding var scanText: String  
  
    @Binding var searchList:Array<CategoriesItem>  
  
    func makeUIViewController(context: Context) -> DataScannerViewController {  
        let controller = DataScannerViewController(  
            recognizedDataTypes: [.text()],  
            qualityLevel: .accurate,  
            recognizesMultipleItems: false, isHighFrameRateTrackingEnabled: true, isPin  
hToZoomEnabled: true, isHighlightingEnabled: true  
        )  
  
        controller.delegate = context.coordinator  
  
        return controller  
    }  
  
    func updateUIViewController(_ uiViewController: DataScannerViewController, context: Cont  
xt) {  
  
        if startScanning {
```

```

        try? viewController.startScanning()
    } else {
        viewController.stopScanning()
    }
}

func makeCoordinator() -> Coordinator {
    Coordinator(self)
}

class Coordinator: NSObject, DataScannerViewControllerDelegate {

    func findhks(waitSearch:String)->Array<CategoriesItem>{

        print("list:")
        print(waitSearch.replacing(/[ \s, . : () ]/, with: ""))
        let findRes:Array<CategoriesItem> = CateList.filter{ fl in
            print( fl.name,waitSearch.score(word: fl.name))
            return waitSearch.score(word: fl.name.replacing(/[ \s, . : () ]/, with: "")) > 0
        }

        return findRes

    }

    var parent: LiveScanner

    init(_ parent: LiveScanner) {
        self.parent = parent
    }

    func dataScanner(_ dataScanner: DataScannerViewController, didTapOn item: Recognize
Item) {
        switch item {
            case .text(let text):

                parent.searchList = findhks(waitSearch: text.transcript)
                parent.scanText = text.transcript
            default: break
        }
    }

}
}

```

swiftUI使用

```

LiveScanner(startScanning: $startScanning, scanText: $scanText,searchList:$searchList)
    .frame(height: 120)

```

APP效果:App Store

