Environment Configurations/Install Instructions

Required Hardware:

1. iPad or iPhone running ios v9.3.2 or later.

Required Software:

1. XCode 7.3.1 or later
2. Cocoapods: http://cocoapods.org/

Required Dependencies:

1. Card.io iOS Core Source: https://github.com/card-io/card.io-iOS-source
2. Card.io iOS DMZ Source: https://github.com/card-io/card.io-iOS-source
3. Tesseract iOS Source: https://github.com/gali8/Tesseract-OCR-iOS
4. OCRE Source

Setup:

1. Create a folder "**env**" in the directory of your choosing.
2. Download our repo as a zip file and extract it to "**env**"
3. Download "**card.io-iOS-source-master.zip**" from the card.io github page.
4. Extract to "**card.io-iOS-source-master.zip**" to "**env**"
5. Download "**card.io-dmz-master.zip**" from the card.io dmz github page.
6. Extract the contents of "**card.io-dmz-master.zip**" to the folder "**…/env/card.io-iOS-source-master/dmz/**". *DO NOT* include the root directory "**card.io-dmz-master**", just include the files inside.
7. Download "**Tesseract-OCR-iOS-master.zip**"
8. Extract the "**Tesseract-OCR-iOS-master**" to "**env**"
9. Modify the contents of "**Tesseract-OCR-iOS-master/Podfile**" to be:

```
source 'https://github.com/CocoaPods/Specs.git'
workspace 'Tesseract-OCR-iOS'
xcodeproj 'TestsProject/TestsProject.xcodeproj/', 'Coverage' => :debug

target 'TestsProjectTests' do

        pod 'Kiwi', '~> 2.3.1'
    pod 'TesseractOCRiOS', :git => 'https://github.com/gali8/Tesseract-OCR-iOS.git'
end
```
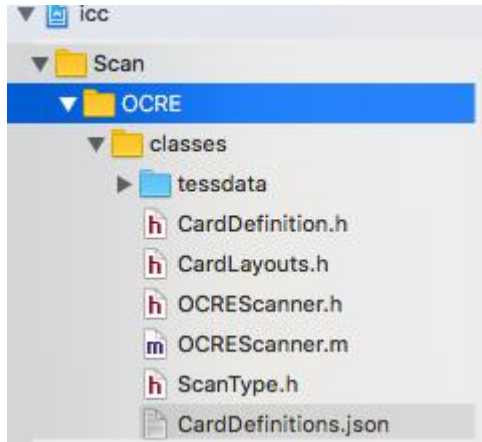
10. Open the terminal and from the "**env/Tesseract-OCR-iOS-master/**" directory run the command "**pod install**"
11. Open "**Tesseract-OCR-OCR.iOS.xcworkspace**" with XCode.
12. From within XCode, click File → "Add Files to …" and select "**/env/card.io-iOS-source-master/icc.xcodeproj**"
13. Click on the "Scan" folder and select "**New Group**". Name the group "**OCRE**"

14. Click on the "**OCRE**" folder and select "**New Group**". Name the group "**classes**"
15. Take the files from "**classes**" directory in *our repo* and the tessdata directory and import them by clicking on the "**classes**" folder in *xcode* and selecting "Add files to …"

When importing files it should appear like this:

16. Copy the files from our repo under "**cardio**" to the "**Classes**" directory in "**…/env/card.io-iOS-source-master/Classes/**" replacing the existing files.
17. Reload the workspace in XCode. (Exit/Restart XCode).
18. Select the icc target and under "**Build Settings→Architectures→Build Active architecture Only**" to **NO**
19. Under "**Build Settings→Linking→Other Linker Flags**" add "-**ObjC**", "-**lc++**" and "-**lstdc++**"
20. Select the CardIO target and under "**General→Linked Frameworks and Libraries**" add "**libc++.tb**" under iOS 9.3.
21. Selgit ect the CardIO target and under "**Build Phases→Linked Frameworks and Libraries**" add "**TesseractOCR.framework**"
22. Under "**Build Settings→Linking→Other Linker Flags**" add "-**ObjC**", "-**lz**" and "-**lstdc++**"
23. Set "**icc**" as your build/main project with the dropdown next to the Start/Stop buttons.
24. Click start or compile
25. Change your "Build Settings" accordingly for your apple developer account and you should now be able to deploy to your iOS device or TestFlight.
26. Your projects should be set to compile for all architectures. This is now required by the Apple.

NOTE: Based on your environment you may have to do additional configuration. In this case please refer to Card.io Installation Instructions on their git page.