

Documentation for Accura SDK IOS Swift Project

1. For Display List of all available scanner types in swift project.

a. Available Services in list

- i. Passport & ID MRZ
- ii. USA Driving License
- iii. Pan card India
- iv. Aadhaar Card India
- v. Barcode & PDF417

- Copy MainStoryboard_iPhone.storyboard from sample project and perform necessary steps to integrate SDK.
- Copy and drag/drop ShowResultVC (.swift file) and ImageVC (.swift file) take view from MainStoryboard_iPhone.storyboard and add to your project
 - Now create a segue from where you want to open scanning view and connect it with 'View Controller Scene' in storyboard.
 - Once done you can invoke segue to start scanning by calling respective to swift version

```
performSegue(withIdentifier: "desired segue name", sender: nil)
```

- Then it will take care of everything needed to scan & display results as well.
- To modify color as per your need just update colors in 'View Controller Scene' & 'Show ResultVC Scene' in storyboard, Don't touch any other components except changing color. Don't change positions of controls as well.

Note : To integrate this using above steps in your Objective-C project it should support use storyboards & necessary changes to add support file swift.

Its recommended to integrate with storyboards. If you are not using storyboard you have to manually instantiate respective controller to start scanning view.

2. For Passport & ID MRZ setup

- SDK with sample project is already setup and can be used directly.
- Import key.license file in AccuraScan folder (codescan -> accura scan -> License). Don't remove it.

- You can generate license key from your “Developer Account”
- Change Bundle Id with your Bundle ID.
- Integrating Passport & ID MRZ setup into another project
 - Copy and drag/drop AccuraScan folder in your project (Do not rename file names in it)
 - Goto Build Phases/Link Binary with Libraries and import opencv2.framework
- To integrate Passport & ID MRZ setup you have to call “ViewController” file.
 - Copy ‘View Controller Scene’ & ‘Show ResultVC Scene’ from MainStoryboard_iPhone.storyboard into your desired storyboard.
 - Now create a segue from where you want to open scanning view and connect it with ‘View Controller Scene’ in storyboard.
 - Once done you can invoke segue to start scanning by calling respective to swift version

```
performSegue(withIdentifier: "desired segue name", sender: nil)
```

- Then it will take care of everything needed to scan & display results as well.
- To modify color as per your need just update colors in ‘View Controller Scene’ & ‘Show ResultVC Scene’ in storyboard, Don’t touch any other components except changing color. Don’t change positions of controls as well.

3. For USA Driving License & Barcode PDF 417

- SDK with sample project is already setup and can be used directly.
- Integrating USA Driving License & Barcode PDF 417 into another project.
 - Copy and drag/drop ui view, storyboard, utils, controller folder to your project file
- Default type for USA Driving License is PDF 417.so PDF 417 type DL is supported.
- To integrate Passport & ID MRZ setup you have to call “ViewController” file.
 - Copy ‘CodeScanVC Scene’ & ‘Resultpdf417ViewController Scene’ from CodeScanVC.storyboard into your desired storyboard.

- Now create a segue from where you want to open scanning view and connect it with 'View Controller Scene' in storyboard.
- Once done you can invoke segue to start scanning by calling respective to swift version

```
performSegue(withIdentifier: "desired segue name", sender: nil)
```

- Then it will take care of everything needed to scan & display results as well.
- To modify color as per your need just update colors in 'CodeScanVC Scene' & 'Resultpdf417ViewController Scene' in storyboard, Don't touch any other components except changing color. Don't change positions of controls as well.

4. For Aadhaar card India

- SDK with sample project is already setup and can be used directly.
- Change in api_key value in WebAPIRequest.m file which given from Accura scan.
 - for ex.([dictdata
setObject:@"4536913354JeLmrL98Xw9vVslx3BOvA4cBKmVZh7U4BDJeFoFe
G" forKey:@"api_key"];)
- Integrating Aadhaar card India into another project
 - Copy and drag/drop PlaceAdharCardVC and its file and take view from MainStoryboard_iPhone.storyboard and add to your project.
 - Copy and drag/drop ShowResultVC (.swift file) and ImageVC (.swift file) take view from MainStoryboard_iPhone.storyboard and add to your project. Your project should be supporting swift as well.
 - Now navigation from where you want to open scanning view and connect it with ' ShowResult View Controller` in storyboard.
 - Then it will take care of everything needed to scan & display results as well.

5. For Pan card India

- SDK with sample project is already setup and can be used directly.
- Change in api_key value in ImageVC.swift file in func ImageUploadRequest() function which given from Accura scan.
 - for
ex.(request.setValue("1544605430AuefLvkg7yWX4nnApjO3f90MRARt9dkmJ4EQFVL7", forHTTPHeaderField: "Api-Key"))
- Integrating Pan card India into another project
 - Copy and drag/drop PlacePanCardViewController and its file and take view from MainStoryboard_iPhone.storyboard and add to your project.
 - Copy and drag/drop ShowResultVC (.swift file) and ImageVC (.swift file) take view from MainStoryboard_iPhone.storyboard and add to your project. Your project should be supporting swift as well.
 - Now navigation from where you want to open scanning view and connect it with ' ShowResult View Controller ' in storyboard.
 - Then it will take care of everything needed to scan & display results as well.

6. Folder Description

- CodeScan->AccuraScan(folder) = Use for Passport & ID MRZ setup
- CodeScan->AccuraScan->Framework(folder)
- CodeScan->AccuraScan->License(folder)
- CodeScan->UIView(folder)
- CodeScan->StoryBoards(folder)
- CodeScan->Utils(folder)
- CodeScan->Controller(folder) = Use For Passport & ID MRZ, BarCode, Pan card India , Aadhar card India
- CodeScan->UIView(folder)->Resultpdf417 file = Use For PDF417 result

