

"Card Scanner SDK iOS" by Newky

What is Card Scanner ?

Card Scanner is a library made by newky that extracts driver credentials using image processing algorithms. The Card Scanner can be used for many different tasks.

- For Registration process
- For comparison operations
- For authentication

Usage

1. Initialize SDK

To use the SDK, you need to initialize it with an API key. The API key is provided by NewkyCardScannerConfig.sharedInstance.

```
func application(_ application: UIApplication, didFinishLaunchingWithOptions
launchOptions: [UIApplication.LaunchOptionsKey: Any]?) -> Bool {
    NewkyCardScannerConfig.sharedInstance.configure(withApiKey: "<api_key>")
    return true
}
```

2. Create a Scanner Instance

To create a scanner instance, use the `create` method of the NewkyScannerViewController class:

```
let controller = NewkyScannerViewController.create(cardType: .driverLicense, country:
.tr, side: .front)
```

You can then present the scanner view controller:

```
present(controller, animated: true)
```

To track the status of the scanner, implement the NewkyScannerViewControllerDelegate protocol in your view controller and set the delegate of the scanner view controller:

```
controller.delegate = self
```

You can then implement the following delegate methods to track the status of the scanner:

```
func scannerClosed(_ scannerController: NewkyScannerViewController)
func scannerCompletedWithResult(_ scannerController: NewkyScannerViewController,
didExtractInformation scannerResult: ScannerExtractResult)
func scannerCompletedWithError(_ scannerController: NewkyScannerViewController,
didFailWithError error: NewkyCardScannerError)
```

For example, you can dismiss the scanner view controller and display the extracted information in a label:

```
func scannerCompletedWithResult(_ scannerController: NewkyScannerViewController,
didExtractInformation scannerResult: ScannerExtractResult) {
```

```
scannerController.dismiss(animated: true)
// handle scannerResult
}
```

Note :

You can review the design for a sample use case.