

"Face Scanner SDK iOS " by Newky

What is Face Scanner ?

Face Scanner, made by newky, scans users' faces with image processing algorithms. Comparisons or recordings can be made with the scan results. You can do the following operations with face sdk.

- For Registration process
- For comparison operations
- For authentication
- For verification

Usage

1.Initialize SDK

To initialize the SDK, add the following code to your AppDelegate :

```
NewkyFaceConfig.sharedInstance.configure(withApiKey: "<api-key>")
```

Replace "<api-key>" with your own API key.

a. Register

To create an instance register screen of the SDK, use the following code:

```
let vc = StepController.create(state: .registerWithPhoto, userId: UUID().uuidString)
```

The StepState enumeration is used to register a user by person. It has two possible meanings:

- registerWithPhoto : Indicates that the user needs to register using a driver's license photo.
- register : Indicates that the user needs to register without a photo, only using a face scanner.

b. Recognition

To create an instance of FaceRecognitionController , use the following code:

```
let vc = FaceRecognitionController.create(userId: userId)
```

Replace userId with the ID of the user.

Delegate methods

To implement the delegate methods for face recognition, use the following code:

```
extension FirstViewController: FaceRegisterControllerDelegate,
FaceRecognitionControllerDelegate {

    func faceRecognitionControllerLoginFail(_ controller:
NewkyFace.FaceRecognitionController, withErrorText errorText: String) {
        // handle error
    }

    func faceRecognitionControllerLoginSuccess(_ controller:
```

```
NewkyFace.FaceRecognitionController) {  
    // handle success recognition result  
}  
}
```

Note:

You can review the designs for sample usage scenarios.