INTEGRATION GUIDE
FOR

MOBILE APPLICATION DEEPLINK SETUP

iOS & ANDROID

(Version 1.2)

Last updated on 07th October 2024

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🌐 Fiuu.com

Social Networks

https://twitter.com/FiuuPayment
https://facebook.com/FiuuPayment
https://youtube.com/@FiuuPayment
https://instagram.com/FiuuPayment
https://linkedin.com/company/FiuuPayment

Developer Platforms

https://github.com/FiuuPayment
Mobile XDK, seamless and in-page checkout, and many shopping carts payment plugin/module/addon/extension are available

ChangeLogs

Date	Version	Author	Description
2024/08/15	v1.0	Ashraf Amin	Initial document
2024/09/11	v1.1	Nik Faris	Update Deeplink Handling
2024/10/07	v1.2	Nik Faris	Update sample code

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INTRODUCTION

This document showing step by step to enable Deep Link Redirection for Fiuu Mobile XDK

1 - Add deep link scheme

For this guide, application scheme is “**yourappscheme**”

1.1 - ANDROID

1- Create new activity (DeeplinkActivity)

Add intent-filter as below in **AndroidManifest.xml**

* scheme must be **letter only & all lowercase** + unique identifier that represent your app

```
<activity
  android:name=".DeeplinkActivity">
 …

 <intent-filter>
          <action android:name="android.intent.action.VIEW" />
          <category android:name="android.intent.category.DEFAULT" />
          <category android:name="android.intent.category.BROWSABLE" />
          <data android:scheme="yourappscheme" />
 </intent-filter>
 …

</activity>
```

1.2 - Deeplink Handling

Handle the scheme in activity using intent

Kotlin

```
class DeeplinkActivity : ReactActivity() {
    override fun onCreate(savedInstanceState: Bundle?) {
        super.onCreate(savedInstanceState)
        val intent = intent
        if (intent != null) {
            Log.d("TAG", "Intent received: ${intent.data}")
            if (isTaskRoot) {
                // Handle root activity logic here
                intent.addFlags(Intent.FLAG_ACTIVITY_REORDER_TO_FRONT or
Intent.FLAG_ACTIVITY_CLEAR_TASK)
                intent.setClass(this, MainActivity::class.java)
                startActivity(intent)
                finish()
            } else {
                finish()
            }
        } else {
            Log.d("TAG", "Intent is null")
        }
    }
}
```

***** this example for ReactNative but the same idea for any other hybrid platform. Need to handle the intent returned***

Java

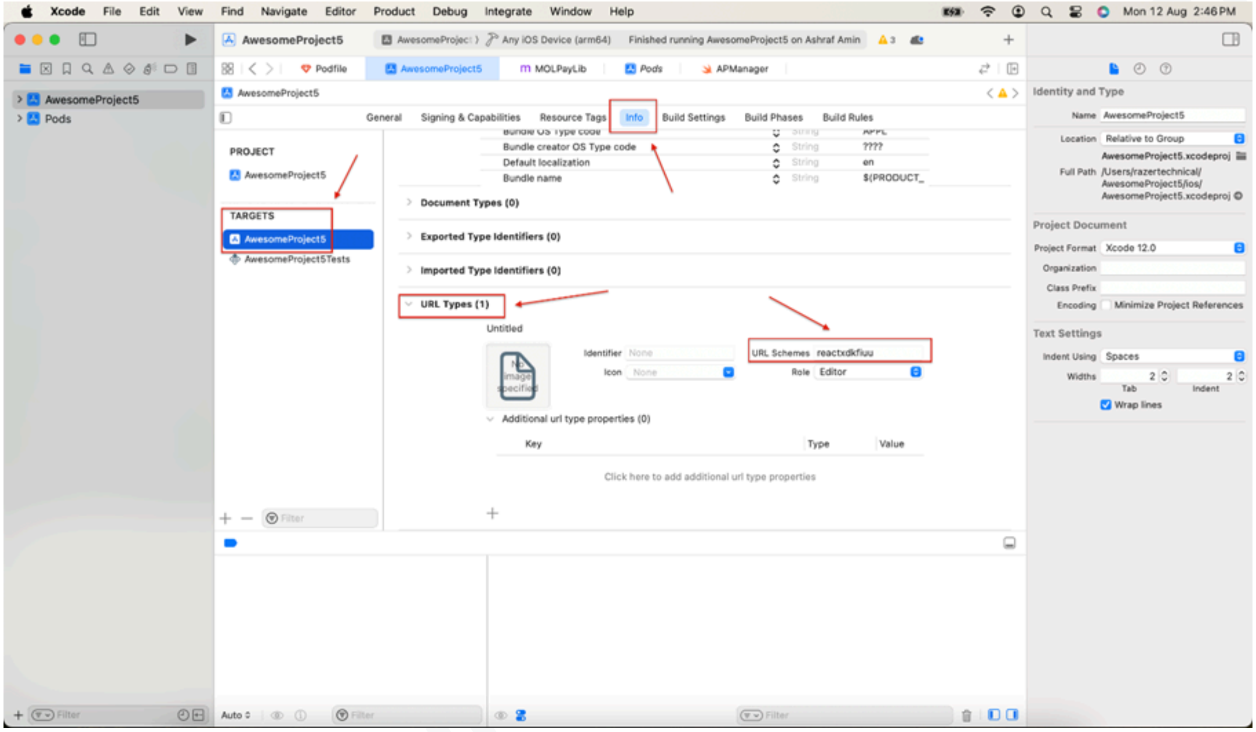
```
public class DeepLinkActivity extends ReactActivity{

    @Override
    protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);

        Intent intent = getIntent();
        if (intent != null) {
            if (isTaskRoot()) {
            intent.addFlags(Intent.FLAG_ACTIVITY_REORDER_TO_FRONT |
Intent.FLAG_ACTIVITY_CLEAR_TASK);
            intent.setClass(this, MainActivity.class);
            startActivity(intent);
            finish();
            } else {
                finish();
            }
        } else {
            Log.d("TAG", "intent is null");
        }

    }
}
```

***** this example for ReactNative but the same idea for any other hybrid platform. Need to handle the intent returned***

1.3 - iOS

Add Xcode **URL Schemes** in TARGETS > Info > URL Types

* URL Schemes must be **letter only & all lowercase** + unique identifier that represent your app



Bundle creator OS Type code	String	????
Default localization	String	en
Bundle name	String	$(PRODUCT_

Document Types (0)

Exported Type Identifiers (0)

Imported Type Identifiers (0)

URL Types (1)

Untitled

Identifier: None

Icon: None

URL Schemes: reactxdkfiuu

Role: Editor

Additional url type properties (0)

Key	Type	Value

Click here to add additional url type properties

Identity and Type

Name: AwesomeProject5

Location: Relative to Group

AwesomeProject5.xcodeproj

Full Path: /Users/razertechnical/AwesomeProject5/ios/AwesomeProject5.xcodeproj

Project Document

Project Format: Xcode 12.0

Organization:

Class Prefix:

Encoding: Minimize Project References

Text Settings

Indent Using: Spaces

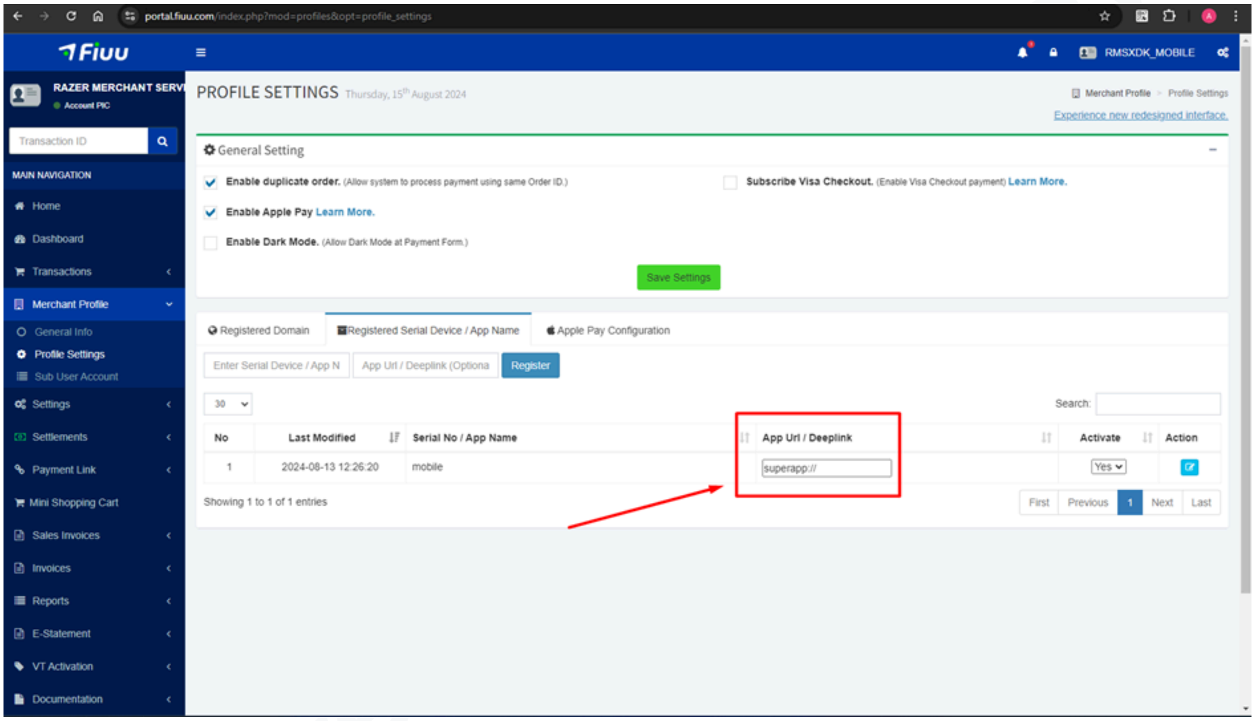
Widths: 2 Tab, 2 Indent

☑ Wrap lines

2 - Register app scheme

1) Login to merchant portal (https://portal.fiuu.com/index.php?mod=profiles&opt=profile_settings) & go to Merchant Profile > Profile Settings > Registered a Serial Device / App Name.

2) Add your scheme ended with “://” e.g. “**yourappscheme://**” in App Url / Deeplink. If your app set host include it at the end e.g. “**yourappscheme://yourapphost**”. Serial No / App Name is your mp_app_name parameter value.



portal.fiuu.com/index.php?mod=profiles&opt=profile_settings

PROFILE SETTINGS Thursday, 15th August 2024

General Setting

☑ Enable duplicate order. (Allow system to process payment using same Order ID.)

□ Subscribe Visa Checkout. (Enable Visa Checkout payment) Learn More.

☑ Enable Apple Pay Learn More.

□ Enable Dark Mode. (Allow Dark Mode at Payment Form.)

Save Settings
Registered Domain
Registered Serial Device / App Name
Apple Pay Configuration
Enter Serial Device / App N
App Url / Deeplink (Optiona
Register
30
Search:

No	Last Modified	Serial No / App Name	App Url / Deeplink	Activate	Action
1	2024-08-13 12:26:20	mobile	superapp://	Yes	

Showing 1 to 1 of 1 entries

3 - Run and test

1) **Clean & rebuild** your app.

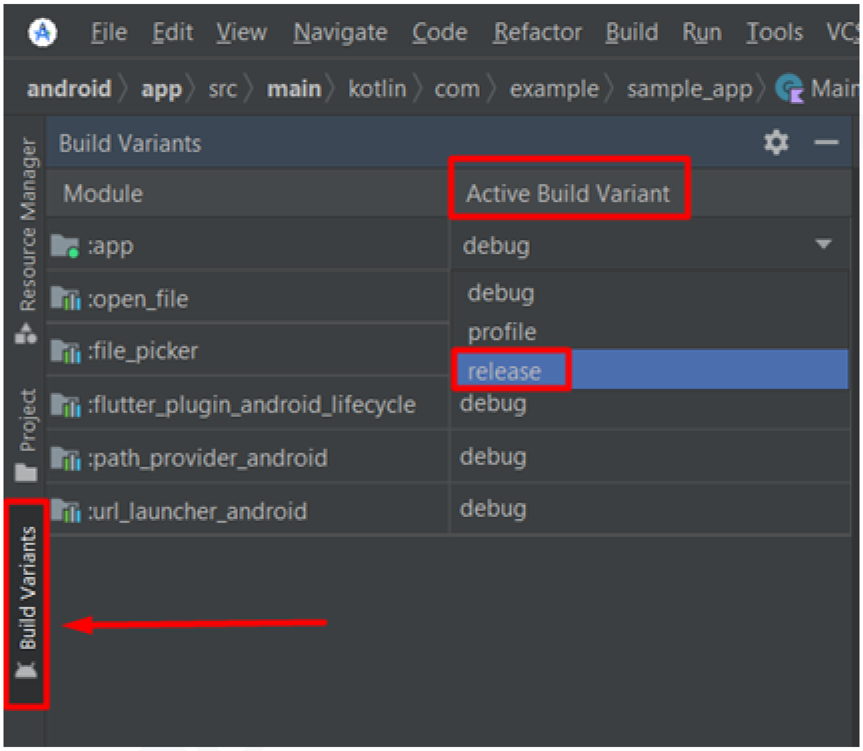
2) **Run your app using release build** version once you have registered your App Url.

3.1) For **Android** can run via Terminal command:

e.g. **React Native** *:* npx react-native run-android release

e.g. **Flutter** : flutter run --release

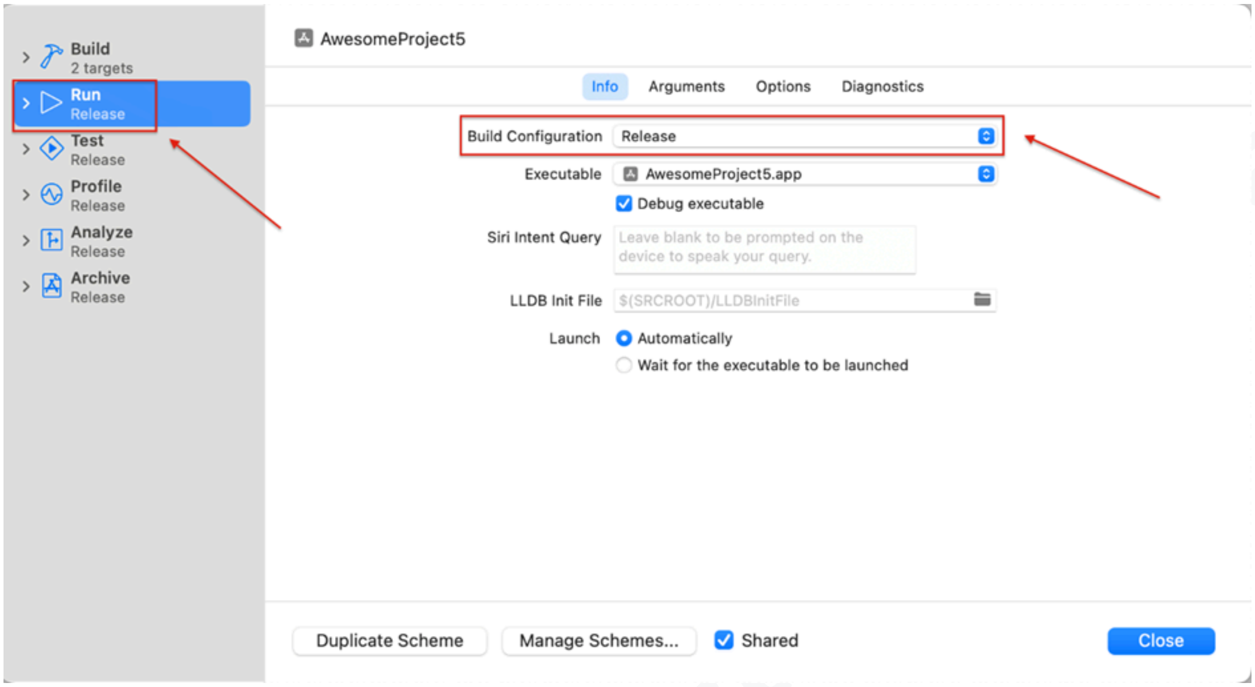
Or change **Active Build Variant to release** before run



Module	Active Build Variant
:app	debug
:open_file	
:file_picker	
:flutter_plugin_android_lifecycle	debug
:path_provider_android	debug
:url_launcher_android	debug

Or installing release build **APK**

3.2) For **iOS** can set Run – **Build Configuration as Release** in Product > Scheme > Edit Scheme



Build Configuration: Release

Executable: AwesomeProject5.app

☑ Debug executable

Siri Intent Query: Leave blank to be prompted on the device to speak your query.

LLDB Init File: $(SRCROOT)/LLDBInitFile

Launch: ● Automatically
○ Wait for the executable to be launched

4) **You're done**. Test your app.