INTEGRATION GUIDE
FOR

MOBILE APPLICATION DEEPLINK SETUP

IOS & ANDROID

(Version 1.1)
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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

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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

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

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

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

 <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

```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")
        }
    }
}
```

Java

```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");
        }

    }
}
```
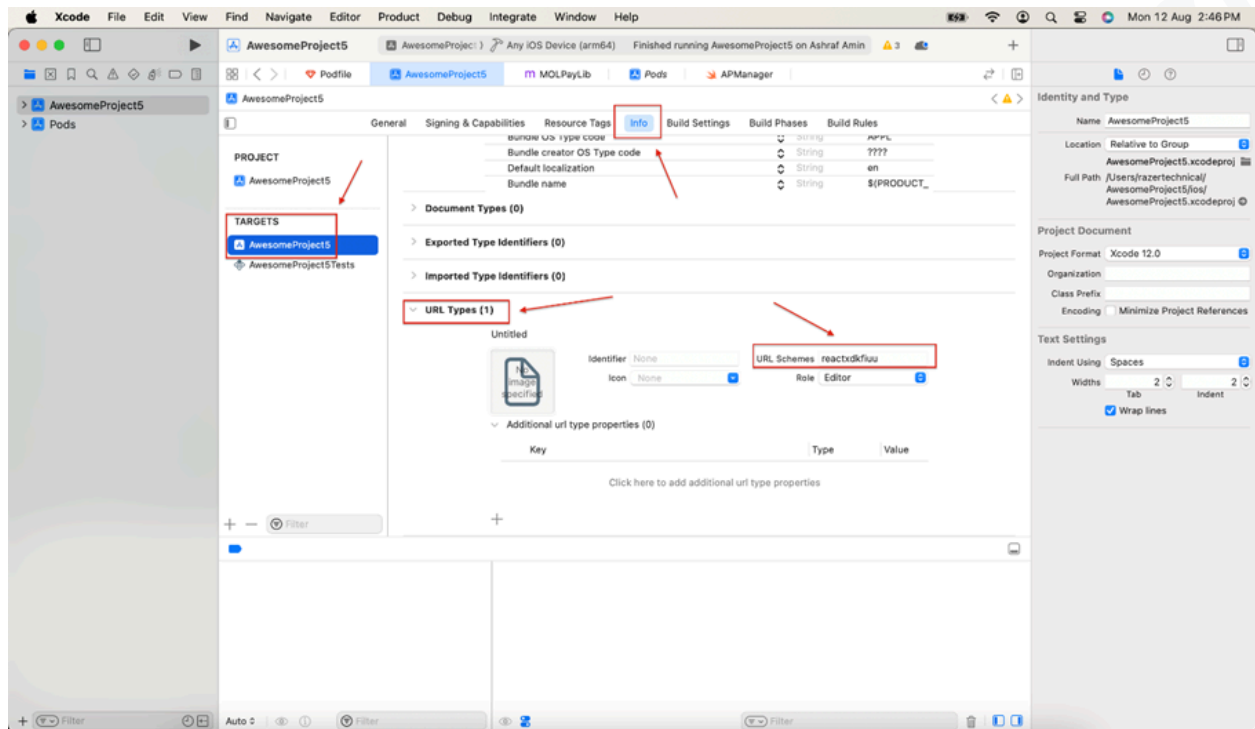
1.3 - IOS

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

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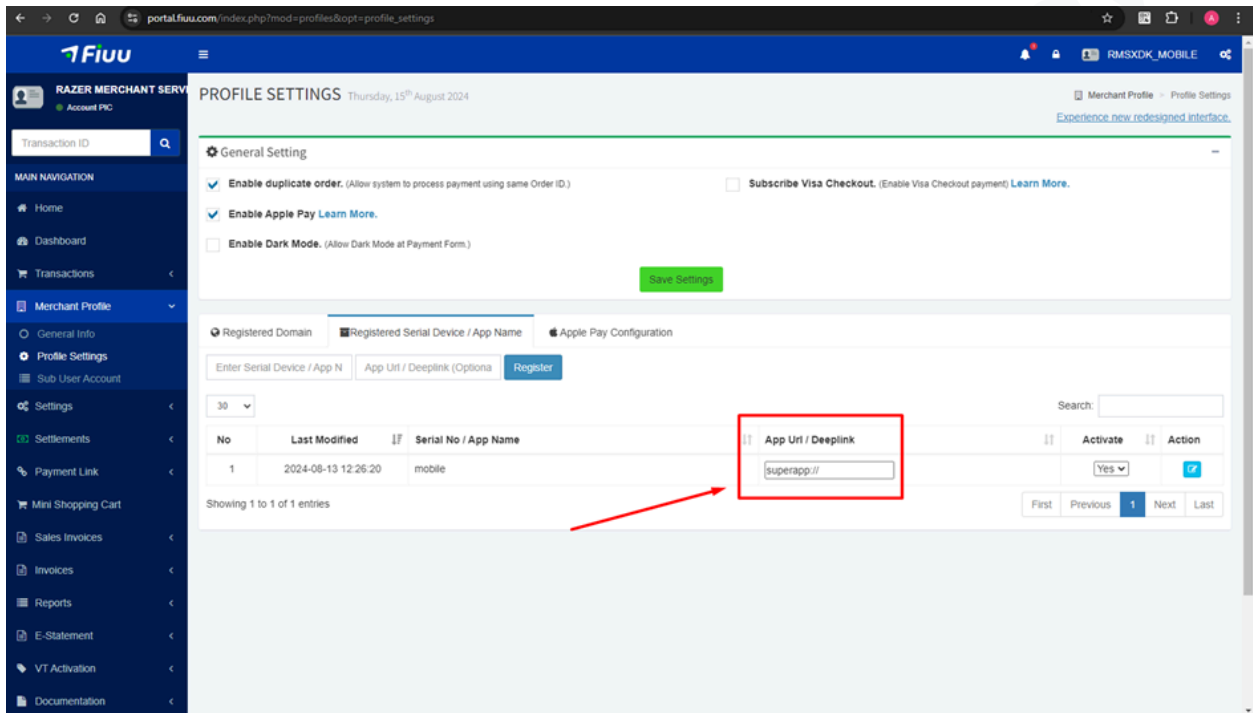
2 - Register app scheme

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.

3 - Run and test
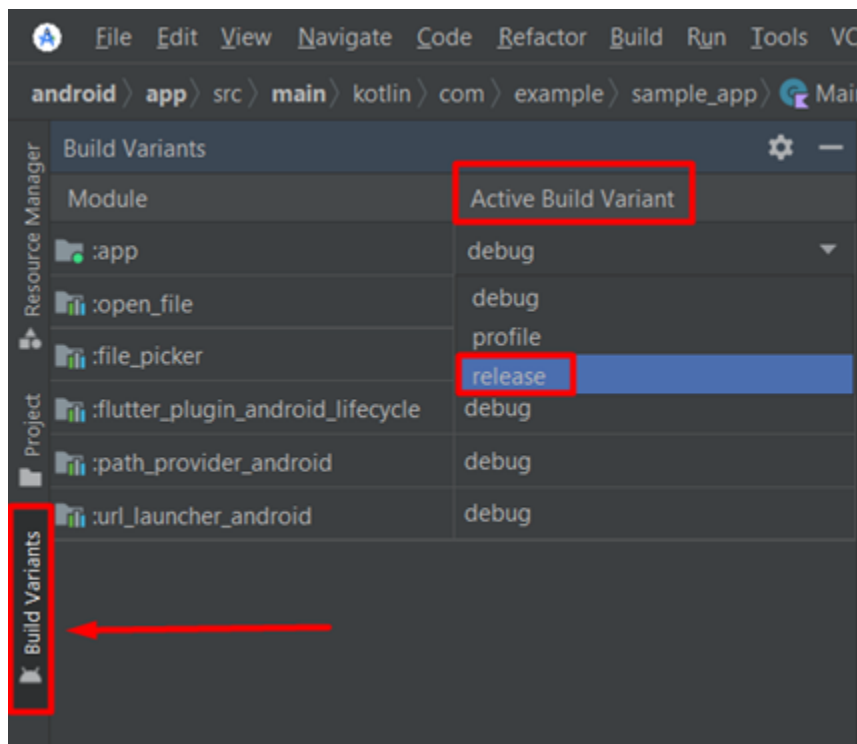
1) **Clean & rebuild** your app.

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

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

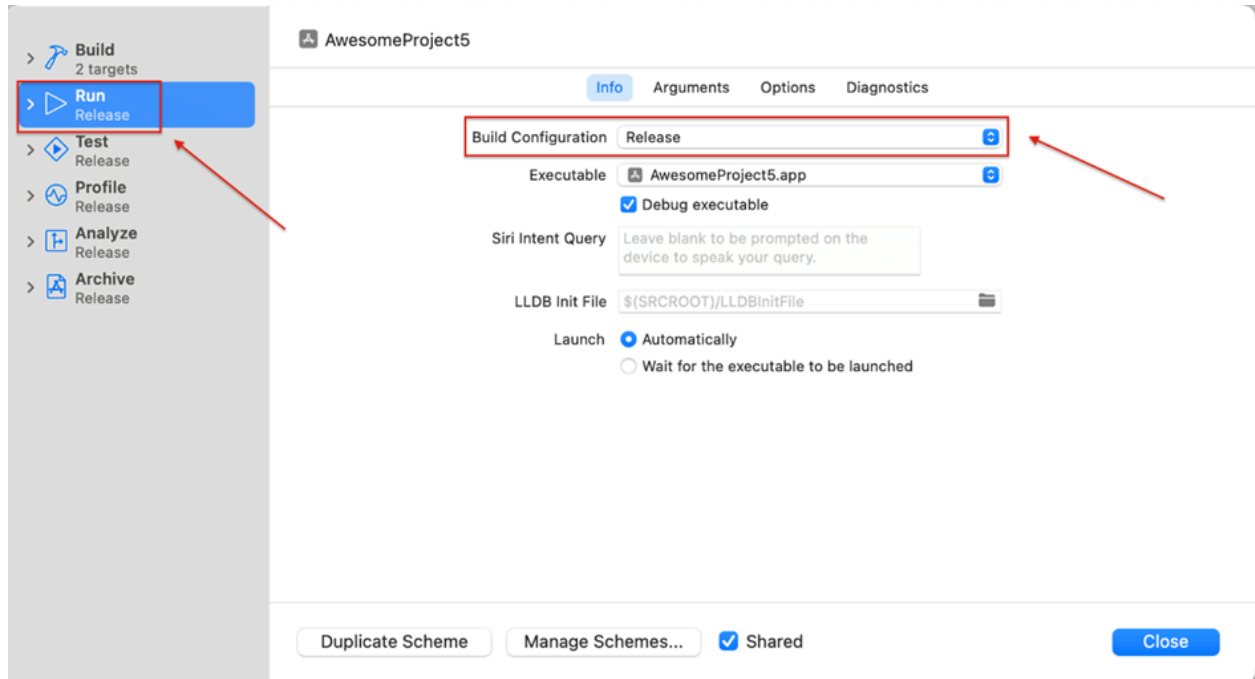e.g. **React Native** : npx react-native run-android release

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

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

Or installing release build **APK**

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

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