

Waylet Payment SDK · Android

Waylet Pay SDK allows merchants to process payments from within their own apps making the integration with Waylet payment gateway.

Requirements

Waylet Payment SDK minSdk version is 26

Include it in your App

To include it in your project, you can use gradle as follows:

```
repositories {  
    google()  
    mavenCentral()  
}  
  
dependencies {  
    implementation("waylet.sdk.library:waylet_pay_sdk:1.0.0")  
}
```

Usage

Waylet Payment SDK is really simple to use, you can check sample app [here](#)

Initialization

First you need to initialize the SDK with a valid 'API_KEY' as follows:

```
WayletPaymentSdk.configure(apiKey = API_KEY, environment = Environment.PRO)
```

Set the test environment

You can test your integration using `Environment.PRE` and switch to `Environment.PRO` once your app is ready. Set your environment alongside with your api key

Create new payment transaction

You must define and provide some properties to create new payment transaction. Payment transactions are created with this function:

```
@Throws(Failure.WayletTransactionError::class, Failure.WayletInitializationError::class)  
suspend fun createTransaction(  
    context: Context,  
    externalId: String,  
    commerceId: String,  
    amount: String,
```

```

        concept: String,
        callbackUrl: String,
        urlOk: String,
        urlKo: String
    )

```

NOTE: The `WayletPaySDK.createTransaction` is a suspend function, it's recommended to use `kotlin.runCatching`. This way you can retrieve any exception that may occur.

Parameter	Description
context	android context used to call <code>startActivity</code> when flow must continue with Waylet
externalId	Your commerce identifier (must be unique for each transaction)
commerceId	Waylet commerce identifier
amount	Amount to be billed, multiplied by 100 (e.g. 2,45€ will be "245")
concept	Payment description
callbackUrl	URL to be notified with payment status updates
urlOk	URL to redirect when payment is successful. This could be a valid deeplink
urlKo	URL to redirect when payment is failure. This could be a valid deeplink

Once payment is completed (with a successful or failure status), the payment detail screen will be shown as usual in Waylet but with a new button at the bottom. If user taps on this button, the `urlOk/urlKo` URL will be called.

Raised exceptions

Here are the exceptions that should be catch in your App.

Exception	Description
<code>Failure.WayletInitializationError</code>	Api key is invalid or not provided, SDK initialization is required
<code>Failure.WayletTransactionError</code>	Payment transaction creation error.