

# Android GooglePay 接入文档

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## 前提条件

开始之前，请查看以下前提条件：

- 安装 18.1.3 或更高版本的 Google Play 服务。
- [安装 Google Pay 应用并添加付款方式。](#)
- [为您的 Google 帐号添加付款方式。](#)
- 遵守 [Google Pay API 使用限制政策](#) 和 [Google Play 开发者政策](#)。

## 接入流程

### 方案一：使用内置 GooglePay 按钮

#### 1. 设置您的集成应用

在 app/build.gradle 文件的 dependencies 块中添加

```
dependencies {  
    implementation files('libs/onerway-core-v1.0.2.aar')  
    implementation files('libs/onerway-googlepay-v1.0.0.aar')  
    implementation 'com.google.android.gms:play-services-wallet:19.3.0'  
}
```

#### 2. 实例化 GooglePayLauncher

注：该操作必须要在 `Activity#onCreate()` 内完成

```

Environment environment = Environment.SANDBOX; // SANDBOXPRODUCTION
launcher = new GooglePayLauncher(this, environment, new PaymentHandler() {
    @Override
    public void onCompleted(PaymentResult result) {
        String status = result.getStatus();
        switch (status) {
            case PaymentResult.PENDING:
                Toast.makeText(GooglePayActivity.this, "", Toast.LENGTH_LONG).show();
                break;
            case PaymentResult.SUCCEEDED:
                Toast.makeText(GooglePayActivity.this, "", Toast.LENGTH_LONG).show();
                break;
            case PaymentResult.FAILED:
                Toast.makeText(GooglePayActivity.this, "" + result.getMessage(), Toast.LENGTH_LONG).
show();
                break;
            case PaymentResult.CANCEL:
                Toast.makeText(GooglePayActivity.this, "", Toast.LENGTH_LONG).show();
                break;
        }
    }

    @Override
    public void onError(PacypayException e) {
        Toast.makeText(GooglePayActivity.this, ": " + e.getCode() + "=" + e.getMessage(), Toast.
LENGTH_LONG).show();
    }
});

```

### 3. 在页面中引入 Google Pay 按钮

引入 GooglePay 按钮

```

<com.onerway.checkout.googlepay.GooglePayButton
    android:id="@+id/btn_google_pay"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content" />

```

初始化按钮配置(config 具体配置参数可参考 [GooglePay 文档](#))

```

String gatewayMerchantId = "800096"; // gatewayMerchantId
//
GooglePayConfig config = new GooglePayConfig.Builder()
    .setGooglePayEnvironment(GooglePayEnvironment.TEST)
    .build(gatewayMerchantId);
GooglePayButton btn = findViewById(R.id.btn_google_pay);
btn.initialize(config, new GooglePayReadyCallback() {
    @Override
    public void onReady(boolean isAvailable) {
        // GooglePay
        if (!isAvailable) {
            Toast.makeText(GooglePayActivity.this, " GooglePay !", Toast.LENGTH_LONG).show();
        }
    }
});

```

调用 GooglePay 支付

```
String transactionId = "1784405001222098944"; // API transactionId
btn.setOnClickListener(new View.OnClickListener() {
    @Override
    public void onClick(View view) {
        launcher.payment(transactionId); // Google Pay
    }
});
```

## 方案二：使用自定义GooglePay按钮

注意：使用自定义按钮时需满足 [GooglePay 品牌推广要求](#)

### 1. 设置您的集成应用

在 app/build.gradle 文件的 dependencies 块中添加

```
dependencies {
    implementation files('libs/pacypay-v1.0.2.aar')
    implementation files('libs/pacypay-googlepay-v1.0.0.aar')
    implementation 'com.google.android.gms:play-services-wallet:19.3.0'
}
```

### 2. 实例化 GooglePayLauncher

注：该操作必须要在 `Activity#onCreate()` 内完成

```
Environment environment = Environment.SANDBOX; // SANDBOXPRODUCTION
launcher = new GooglePayLauncher(this, environment, new PaymentHandler() {
    @Override
    public void onCompleted(PaymentResult result) {
        String status = result.getStatus();
        switch (status) {
            case PaymentResult.PENDING:
                Toast.makeText(GooglePayActivity.this, "", Toast.LENGTH_LONG).show();
                break;
            case PaymentResult.SUCCEEDED:
                Toast.makeText(GooglePayActivity.this, "", Toast.LENGTH_LONG).show();
                break;
            case PaymentResult.FAILED:
                Toast.makeText(GooglePayActivity.this, "" + result.getMessage(), Toast.LENGTH_LONG).
show();

                break;
            case PaymentResult.CANCEL:
                Toast.makeText(GooglePayActivity.this, "", Toast.LENGTH_LONG).show();
                break;
        }
    }

    @Override
    public void onError(PacypayException e) {
        Toast.makeText(GooglePayActivity.this, ":" + e.getCode() + "=" + e.getMessage(), Toast.
LENGTH_LONG).show();
    }
});
```

### 3. 初始化配置

config 具体配置参数可参考 [GooglePay 文档](#)

```
String gatewayMerchantId = "800096"; // gatewayMerchantId
//
GooglePayConfig config = new GooglePayConfig.Builder()
    .setGooglePayEnvironment(GooglePayEnvironment.TEST)
    .build(gatewayMerchantId);
launcher.initialize(config, new GooglePayReadyCallback() {
    @Override
    public void onReady(boolean isAvailable) {
        if (!isAvailable) {
            Toast.makeText(GooglePayActivity.this, " GooglePay !", Toast.LENGTH_LONG).show();
        }
    }
});
```

## 4. 调用GooglePay支付

```
// launcher.payment(transactionId);
//
String transactionId = "1784405001222098944"; // API transactionId
btn.setOnClickListener(new View.OnClickListener() {
    @Override
    public void onClick(View view) {
        launcher.payment(transactionId);
    }
});
```

## 参考文档：

[GooglePay 官方接入文档](#)

[Stripe GooglePay 文档](#)