

Payment Tutorial

此文件主要在說明 SP Coin 的儲值與SP Coin 的消費，並列出三種支付方式

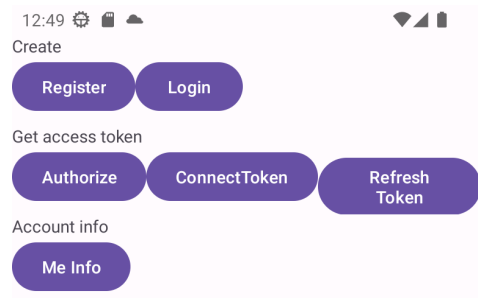
準備

請先參考 [Connect Tool AAR Tutorial-v1.0.0.pdf](#) 完成 Authorize，並確定各項功能正常

複製

```
Intent intent = new Intent(this, ConnectToolSampleActivity.class);
startActivity(intent);
```

到要測試的 AppCompatActivity 當中，啟動後可使用 ConnectToolSampleActivity, 包含呼叫 API 與開啟消費相關頁面.



確認 Authorize 相關功能無誤

Payment

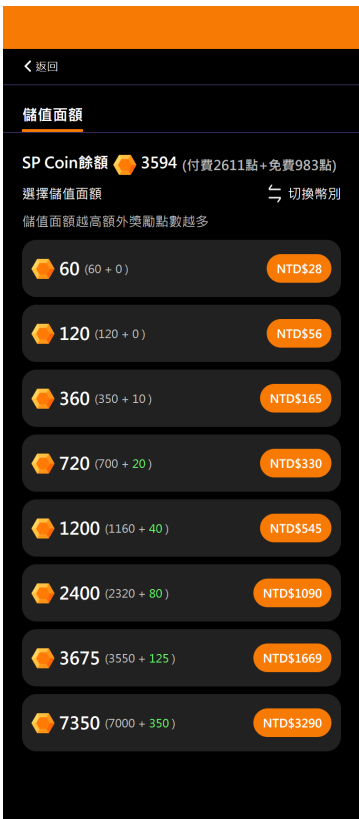
GetPurchaseOrderList

	<pre> <-- 200 OK https://r18gameapi.azurewebsites.net/api/Payment/GetPurchaseOrderList Content-Type: application/json; charset=utf-8 Date: Thu, 07 Dec 2023 01:08:20 GMT Server: Microsoft-IIS/10.0 Set-Cookie: ARRAffinity=c661bc2029013d2befd0ea9abe2ca40f03063b63089b6269c651efe Set-Cookie: ARRAffinitySameSite=c661bc2029013d2befd0ea9abe2ca40f03063b63089b626 Transfer-Encoding: chunked X-Signature: P/QH+lYy45LMYeDlefzEY02oThnp4hJx+p5fspPJ1ZWkWTaagzv4U57lEoyq6979EU X-Powered-By: ASP.NET {"data":[{"payMethod":1,"tradeNo":"PAC2023120600000206","refundNo":"RAC2023120600000206","totalAmt":28.0000,"createdOn":"2023-12-06T06:20:38.4599123+00:00"},{"payMethod":0,"tradeNo":"PAC2023120500000167","spCoin":60,"rebate":0,"status":0,"currencyCode":"TWD","totalAmt":56.0000,"createdOn":"2023-12-05T05:43:03.816725+00:00"},{"payMethod":0,"tradeNo":"PAC2023120500000147","refundNo":"RAC2023120500000147","totalAmt":56.0000,"createdOn":"2023-12-05T05:43:03.816725+00:00"},{"payMethod":0,"tradeNo":"PAC2023120100000072","refundNo":"RAC2023120100000072","spCoin":60,"rebate":0,"status":0,"currencyCode":"TWD","totalAmt":56.0000,"createdOn":"2023-12-01T00:00:00.0000000+00:00"}]} <-- END HTTP (24501-byte body) </pre>

GetPurchaseOrderOne	
Intent	透過 tradeNo 取得單一 SP Coin 訂單
Step	<ol style="list-style-type: none"> 1. 完成 Authorize 2. 取得 tradeNo 單號 (i.e., PAC2023120300000106) <pre> String tradeNo = "PAC2023120300000106"; _connectTool.GetPurchaseOrderOne(new PurchaseOrderCallback() { @Override public void callback(PurchaseOrderOneResponse value) { Log.v(TAG, "PurchaseOrderOneResponse callback : " + value); } }, tradeNo); </pre>
Responses	<pre> { "data": { "payMethod": 0, "tradeNo": "PAC2023120300000106", "refundNo": "RAC2023120300000106", "spCoin": 60, </pre>

	<pre> "rebate": 0, "status": 0, "currencyCode": "TWD", "totalAmt": 28.0000, "createdOn": "2023-12-03T10:34:10.6144973+00:00" }, "status": 1000, "message": null, "detailMessage": null, "requestNumber": "df64e41f-7f05-41b4-9357-c8fb0f216ea0" } </pre>
	<pre> <-- 200 OK https://r18gameapi.azurewebsites.net/api/Payment/GetPurchaseOrder Content-Type: application/json; charset=utf-8 Date: Thu, 07 Dec 2023 01:26:51 GMT Server: Microsoft-IIS/10.0 Set-Cookie: ARRAffinity=c661bc2029013d2befd0ea9abe2ca40f03063b63089b6269c651e Set-Cookie: ARRAffinitySameSite=c661bc2029013d2befd0ea9abe2ca40f03063b63089b6 Transfer-Encoding: chunked Vary: Accept-Encoding X-Signature: Kaar0aCBqov3VjMRlg0x9PdjbHj+W3xR1Ee6vnnYzWYG0oPXpIvybp4Ns8INvSPA X-Powered-By: ASP.NET {"data":{"payMethod":0,"tradeNo":"PAC2023120300000106","refundNo":"RAC2023120 </pre>

GetPurchaseOrderList	
Intent	透過 tradeNo
Step	<ol style="list-style-type: none"> 1. 先取得 Me 來更新用戶資訊 2. 開啟RechargeURL <pre> _connectTool.GetMe_Coroutine(new MeCallback() { @Override public void callbackMeInfo(MeInfo value) { Log.v(TAG, "MeInfo callback : " + value.status); _connectTool.OpenRechargeURL(); } }); </pre>
	選擇 SP coin, 目前測試階段幣別僅提供新台幣



確認訂單資訊



選擇付款方式

	<div><div></div><div><div>< 返回</div><div>付款資訊</div><div>付款方式 *</div><div><div><input checked="" type="radio"/> 信用卡一次付清</div><div><input type="radio"/> 綁定卡一次付清</div><div><input type="radio"/> ApplePay 付清</div><div><input type="radio"/> GooglePay 付清</div></div></div></div>
--	--

選擇信用卡付款
完成卡片資訊填寫 (綁定信用卡為選填) 可使用測試卡號: 4111111111111111 到期日 11/28 與 111

付款資訊

付款方式 *

☒ 信用卡一次付清

Email address*

usermail@hmail.com

visa信用卡號 *

4111 1111 1111 1111

有效月年 *

11 / 28

背面末三碼 *

111

☐ 同意記住卡號

下一步

取消交易

進行付款

安全碼

☒ 同意記住卡號

記住卡號需填寫以下資訊

持卡人姓名 *

請輸入卡號上姓名

持卡人手機號碼 *

請輸入手機號碼

持卡人電子信箱 *

持卡人電子信箱

消費者的email*

持卡人電子信箱

下一步

取消交易

進行付款

按下進行付款後，請等待數秒後，直接按下"確定"



中國信託銀行

中國信託網路刷卡驗證服務

VISA

特約商店：交流資產股份有限

交易金額：TWD 330.00

(請核對交易金額，提防詐騙)

信用卡號：400361*****7729

交易日期：2023/12/07 09:58:41

我們將發送OTP密碼，請選擇您要接收的裝置

☐ 使用 Home Bank APP 接收驗證碼

☒ 使用手機 0988****99 接收

確定

手機號碼錯誤

取消

提醒您提高警覺，留意詐騙


• 手機號碼正確，請按「確定」進行下一步

• 若非您的手機號碼請按「手機號碼錯誤」，並聯絡本行客服中心為您處理

綁定中國信託Homebank APP

Version 2.1.0

OTP 請輸入 1234567，輸入完後進行驗證

中國信託銀行
CTBC BANK

VISA

中國信託網路刷卡驗證服務

特約商店：交流資產股份有限

交易金額：TWD 330.00
(請核對交易金額，提防詐騙)

信用卡號：400361*****7729

交易日期：2023/12/07 09:58:41

OTP 密碼有效時間為5分鐘

網頁識別碼：hosX
(請核對網頁識別碼後，再輸入OTP密碼)

★請輸入網路刷卡驗證OTP密碼

OTP密碼

驗證

取消

沒有收到簡訊OTP服務密碼？
[重新寄送](#)

綁定中國信託Homebank APP

↓
Version 2.1.0

完成交易



交易成功

付款成功後，請耐心等待到帳；如超過 30 分鐘未到帳，請截圖並聯絡客服。

訂單資訊

交易編號

PAC2023120700000207

儲值品項

720
(付費700點+免費20點)

付款資訊

交易編號

98f246b8-2fb9-4280-9053-69d1dd83a56a

信用卡號

400361*****7729

支付金額

TWD \$330.0000

取得交易完成的訂單資訊

```
String tradeNo = "PAC2023120700000207";
_connectTool.GetPurchaseOrderOne(new PurchaseOrderCallback() {
    @Override
    public void callback(PurchaseOrderOneResponse value) {
        Log.v(TAG, "PurchaseOrderOneResponse callback : " + value);
    }
}, tradeNo);
```

```
{
  "data": {
    "payMethod": 1,
```



```
"tradeNo": "PAC2023120700000207",
"refundNo": "RAC2023120700000207",
"spCoin": 700,
"rebate": 20,
"status": 2,
"currencyCode": "TWD",
"totalAmt": 330.0000,
"createdOn": "2023-12-07T01:58:35.355383+00:00"
},
"status": 1000,
"message": null,
"detailMessage": null,
"requestNumber": "4a544ef9-460b-4a05-a775-7c6a7b3b5810"
}
```

選擇已綁定的信用卡付款

選擇綁定付款後，填入安全碼，測試帶入 111



綁定卡一次付清

信用卡號*

414763*****8405

背面末三碼*

111

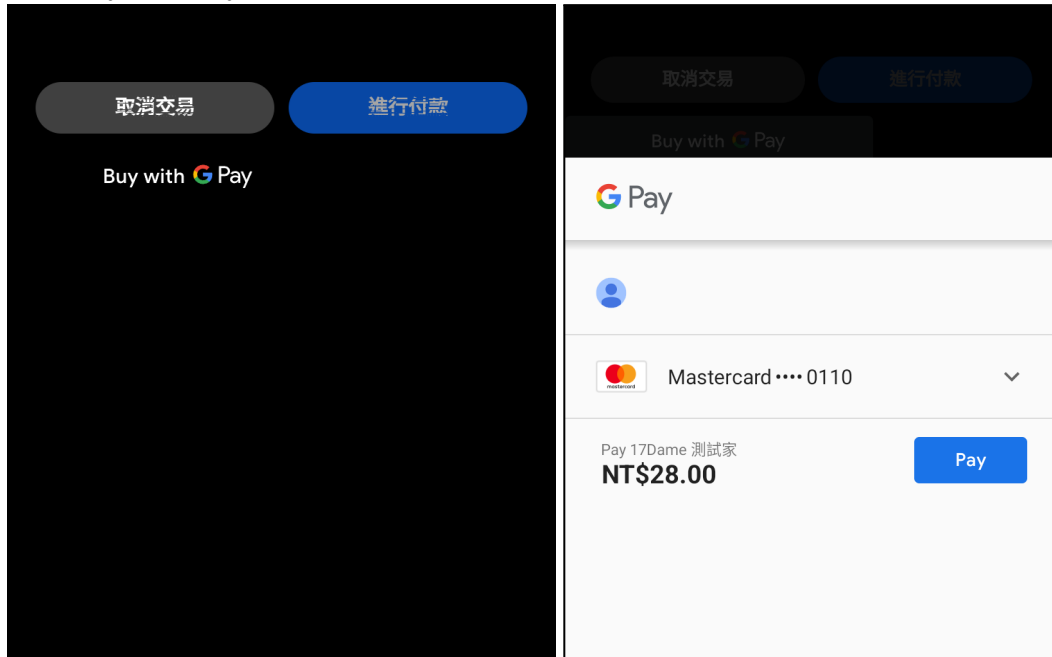
下一步

取消交易 進行付款

後續交易與信用卡付款相同

選擇Google Pay付款

點選 Buy with Pay , 完成購物



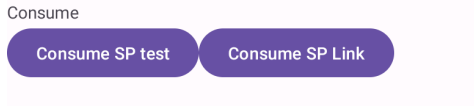
SP Coin 點數確認

```
{
  "data": {
    "payMethod": 3,
    "tradeNo": "PAC2023120700000208",
    "refundNo": "RAC2023120700000208",
    "spCoin": 60,
    "rebate": 0,
    "status": 2,
    "currencyCode": "TWD",
    "totalAmt": 28.0000,
    "createdOn": "2023-12-07T02:24:11.9623926+00:00"
  },
  "status": 1000,
  "message": null,
  "detailMessage": null,
  "requestNumber": "3b3b3eac-01f3-4d6b-b5c7-d26c4ed2de00"
}
```

Consume SP Coin

createPayment	
Intent	透過 tradeNo 取出該筆訂單資訊
Step	<p>檢查用戶消費前資料</p> <pre>{ "email": "User mail", "nickName": null, "avatarUrl": null, "spCoin": 3336, "rebate": 933}</pre> <p>設定好要消費的 spCoin與 rebate</p> <p>點選 Consume SP test 進行SP Coin消費</p> <div><p>Consume</p><div><p>Consume SP test</p><p>Consume SP Link</p></div></div> <p>產生一筆 Payment</p> <pre>int spCoin = 5; //int rebate = 3;String orderNo = UUID.randomUUID().toString();_connectTool.createPayment(new CreatePaymentCallback() { @Override public void callback(PaymentResponse value) { Log.v(TAG, "PaymentResponse callback : " + value); }}, spCoin, rebate, orderNo);</pre>
Responses	<pre>{ "data": { "transactionId": "T0001010100000000", "spCoin": 5,</pre>

	<pre> "rebate": 3, "orderStatus": "Completed" }, "status": 0, "message": null, "detailMessage": null, "requestNumber": "6c1d1455-17e5-4370-a03e-3428dcdebcfc" } </pre>
After	<p>完成購物後的用戶資料</p> <pre> { "email": "User mail", "nickName": null, "avatarUrl": null, "spCoin": 3331, "rebate": 930 } </pre>
	<p>付費點數及免費點數皆已扣除，遊戲開發可以透過 Responses 的 CreatePaymentCallback 來進行購買物品的轉移</p>

OpenConsumeSPURL	
<p>點選 Consume SP Link 開啟消費確認頁面</p> 	
<p>先確認用戶資料</p> <p>Before Me Data</p> <pre> { "email": "User mail", "nickName": null, "avatarUrl": null, "spCoin": 3331, "rebate": 930 } </pre>	

}

組合出用戶點選的資料與遊戲資料

開啟頁面所需參數

consume_spCoin	付費點數
consume_spCoin	免費點數
orderNo	遊戲開發商自訂訂單編號，格式為字串， 必填，不得重複使用
GameName	遊戲名稱
productName	商品名稱 (i.e., 十顆鑽石)

```
int consume_spCoin = 5;
int consume_rebate = 3;
String orderNo = UUID.randomUUID().toString();
String GameName = "Game Name";
String productName = "Ten diamonds";
```

範例：

```
int consume_spCoin = 5;
int consume_rebate = 3;
String orderNo = UUID.randomUUID().toString();
String GameName = "Game Name";
String productName = "Ten diamonds";
_connectTool.OpenConsumeSPURL(consume_spCoin,consume_rebate,orderNo,GameName,productName);
```

組合為

<https://gamar18portal.azurewebsites.net/member/consumesp/r17dame%3A%2F%2Fconnectlink/2/07d5c223-c8ba-44f5-b9db-86001886da8d/Game%20Name/945635af-f625-47df-9f21-bf7fbce15b37/Ten%20diamonds/5/3>

1. 執行後另開瀏覽器頁面，點選"確認轉點"
2. 點選後，跳轉回 App 進行消費

productName

商品名稱 (i.e., 100000顆鑽石)

```
int consume_spCoin = 500000;  
int consume_rebate = 0;  
String orderNo = UUID.randomUUID().toString();  
String GameName = "Game Name";  
String productName = "100000 diamonds";
```

範例：

```
int consume_spCoin = 55555;  
int consume_rebate = 3;  
String orderNo = UUID.randomUUID().toString();  
String GameName = "Game Name";  
String productName = "Ten diamonds";  
_connectTool.OpenConsumeSPURL(consume_spCoin,consume_rebate,orderNo,GameName,productName);
```

1. 執行後另開瀏覽器頁面
2. 顯示餘額不足，點選"進行儲值"

返回

儲值面額

SP Coin 點數 -> Game Name

SP Coin餘額 4245 (付費3321點+免費924點)

交易編號: 3e1fc900-cd8d-4bc4-8210-8e997b2fa5a5

交易品項: 100000 diamonds

預計扣除 SP Coin: 500000

剩餘SP Coin -495755
餘額不足，請先進行儲值

取消交易 進行儲值

點選後進行消費

返回

儲值面額

SP Coin餘額 3594 (付費2611點+免費983點)

選擇儲值面額 切換幣別

儲值面額越高額外獎勵點數越多

60 (60 + 0) NTD\$28

120 (120 + 0) NTD\$56

360 (350 + 10) NTD\$165

720 (700 + 20) NTD\$330

1200 (1160 + 40) NTD\$545

