

LianLian Pay

LianLian Pay

全球支付网关接入指南

Global Payment Gateway Integration Guide

Version 2.6.2

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2019-01-14	V1.0.0	First draft
2019-09-24	V2.0.0	
2020-09-09	V2.1.1	add shipping.firstname shipping lastname
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2021-11-02	V2.5.8	1. 增加 pay_easy,konbini 支付方式 2. Card 对象增加 email, phone_number 属性
2021-12-01	V2.6.0	1、增加根据商户号获取 token 2、支付接口增加 card_token 参数 3、iframe1.0 升级到 iframe2.0 接入方式
2021-12-28	V2.6.1	国际信用卡支付新增 Customer 字段
2022-01-07	V2.6.2	1、完善 O 场景的备注说明; 2、删除 MerchantOrder 对象中的 due_date 和 tax 字段 3、删除 PaymentResponse 对象中的 key 4、删除通用请求支付参数的 front_model 字段

1. 文档介绍 Overview

1.1. 文档目的 Document Purpose

本文档由连连支付提供，为接入连连全球收单产品的商户和平台提供技术对接指导。文档的目标读者为商户或平台的技术人员。

This document is provided by LianLian Pay, for the purpose of enabling merchant and platform to integrate with LianLian Pay's global payment gateway. The targeted readers are technical developers of merchant.

1.2. 环境配置 Environment Configuration

商户开始对接前连连会提供以下信息至商户，同时商户也需提供自己的公钥信息至连连进行配置。该参数信息测试环境和生产环境不同。

LianLian Pay will provide the following information to merchant before integration. Meanwhile the merchant also needs to give their public key to LianLian Pay for configuration. The following settings are different in test and production environment.

Name	Description
merchant_id	LianLian Pay 为商户分配的 ID, ID assigned to merchant by LianLian Pay
ll_pub_key	LianLian Pay 公钥 Public key of LianLian Pay

1.3. 技术支持 Technical Support

If you have any question or encounter any problem during development, you can reach technical support via Emails listed below.

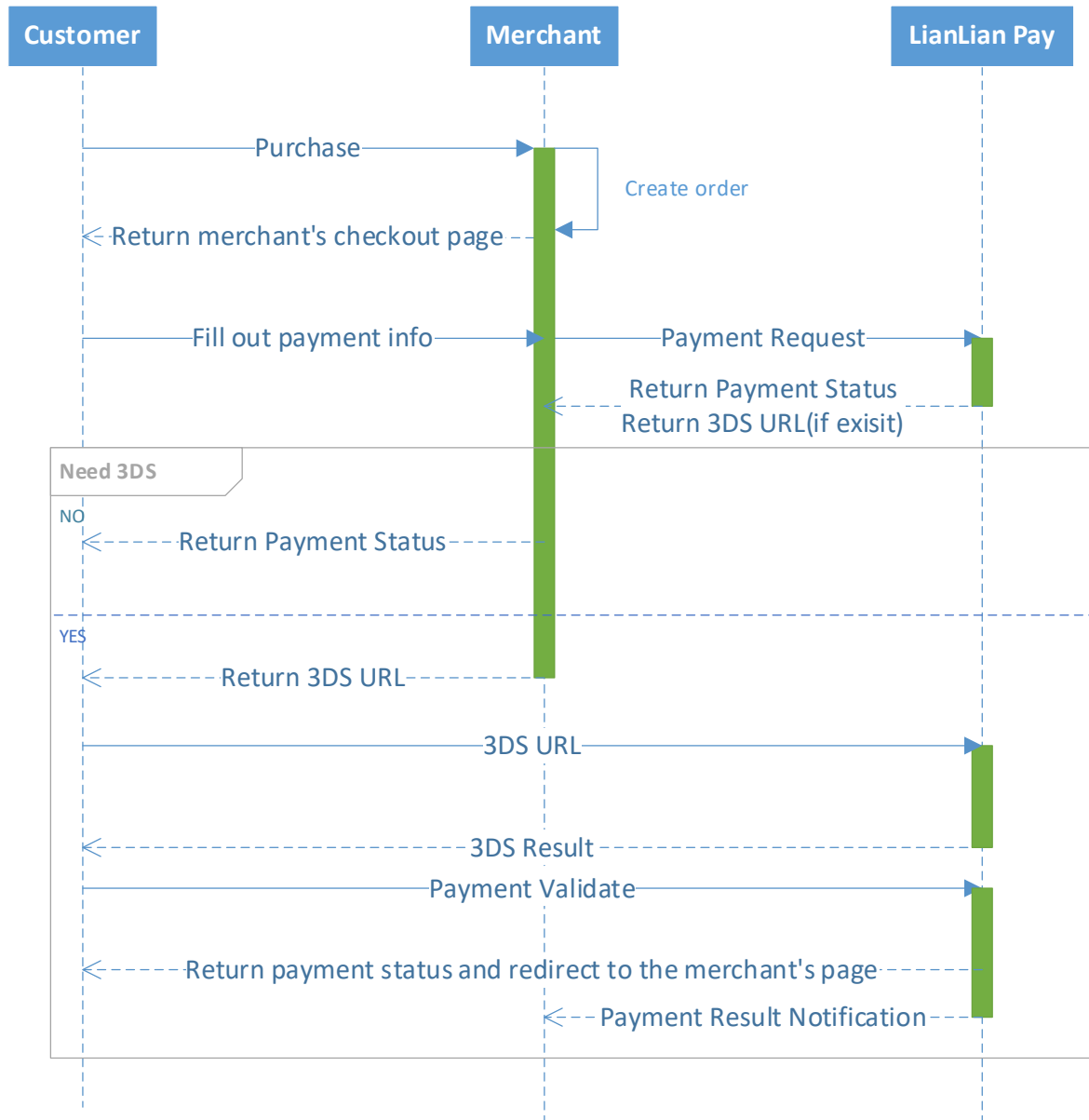
Name	Description

2. 集成方式 Integration Method

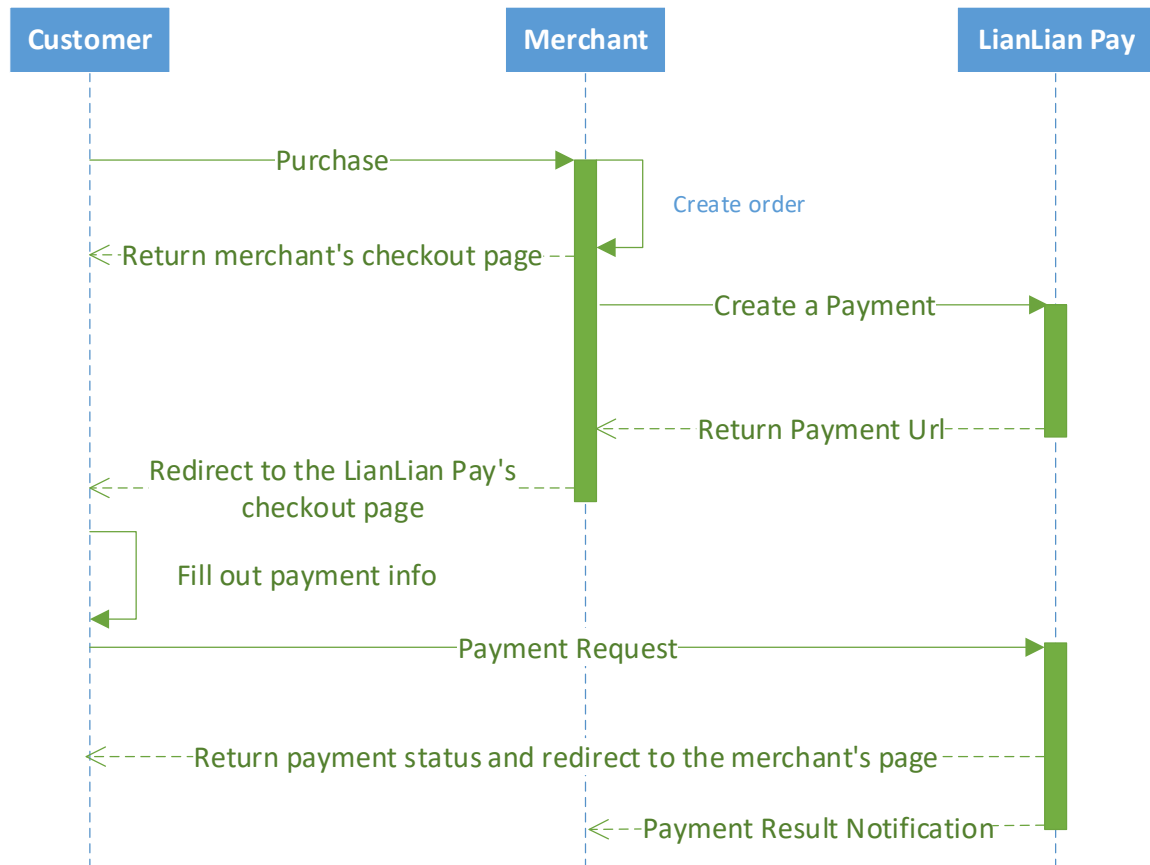
连连提供三种集成方式，分别为 Direct API、Checkout Page 和 iFrame，有 PCI 认证的商户三种对接方式均可选择。无 PCI 认证的商户请使用 Checkout Page 或 iFrame 进行对接。

There are three ways to integrate with LianLian Pay, Direct API, Checkout Page and iFrame. PCI certificated merchants can use any method. Non-PCI uncertificated merchants can choose Checkout Page and iFrame.

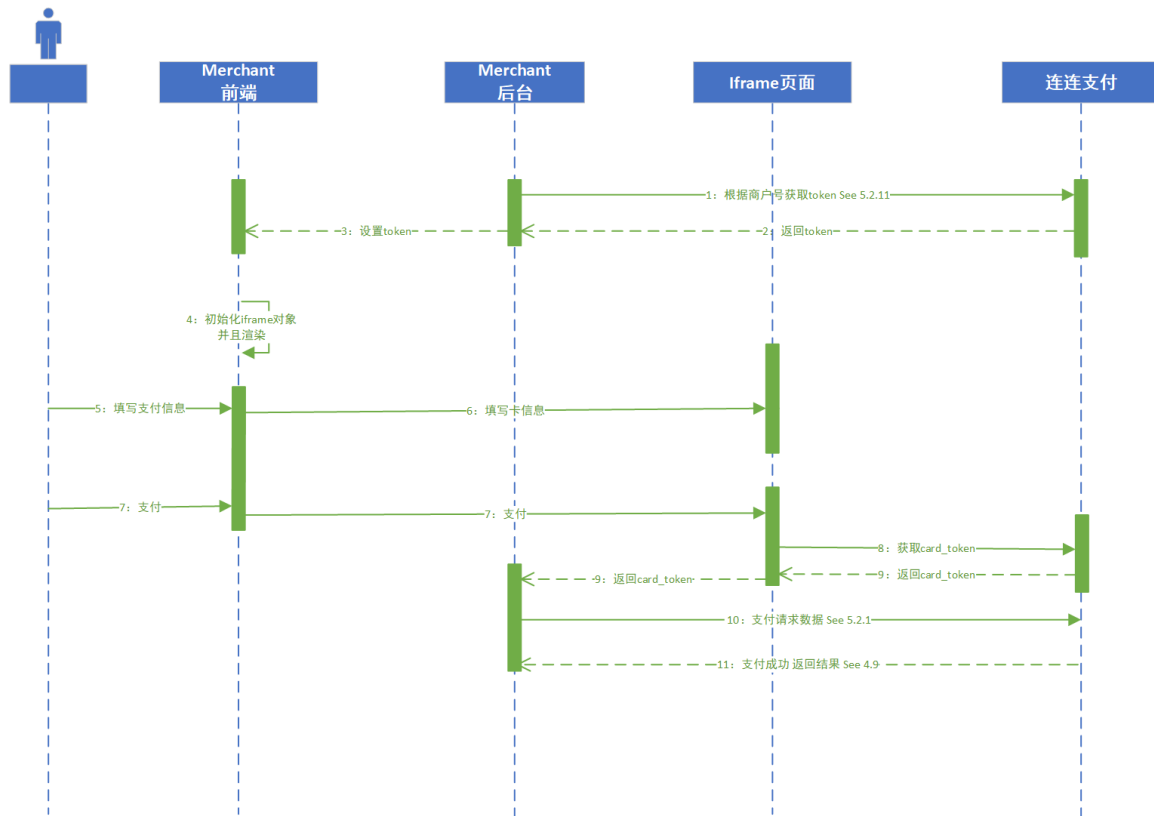
2.1. Direct API



2.2. Checkout Page



2.3. iFrame



2.3.1. 前端 SDK 引入 Front-end SDK Use

示例 详见 [6.3.8](#)

前端引入 Lianlian Front-end SDK Import LianLian Front-end SDK

测试 Sandbox: <https://gacashier.lianlianpay-inc.com/sandbox2/lipay.min.js>

生产 Product: <https://gpcashier.lianlianpay.com/v2/lipay.min.js>

2.3.2. 前端初始化 iFrame 页面 Front-end Initialize iFrame Page

HTML:

```
// add input in your form and the value is cardToken from 2.3.4
<input id="llpay_token" name="llpay_token" type="hidden"/>

// add iframe in your payment direction
<div class="form-row">
  <div id="card-element"></div>
</div>
```

JS:

```
const token = token; // 获取 token 5.2.11
```

```
var style = {  
  base: {  
    backgroundColor: "#f8f8f8",  
    bolderColor: "#f1f1f1",  
    color: "#bcbcbc",  
    fontWeight: "400",  
    fontFamily: "Roboto, Open Sans, Segoe UI, sans-serif",  
    fontSize: "14px",  
    fontSmoothing: "antialiased",  
    floatLabelSize: "12px",  
    floatLabelColor: "#333333",  
    floatLabelWeight: "100",  
  },  
};  
  
// Init elements  
var elements = LLP.elements();  
  
// key, From Payment Request. See 4.1.2  
var card = elements.create('card', { token, style: style, apiType: "",merchantUrl: window.location.href });  
  
card.mount('#card-element');
```

2.3.3. 校验卡信息及获取 card_token

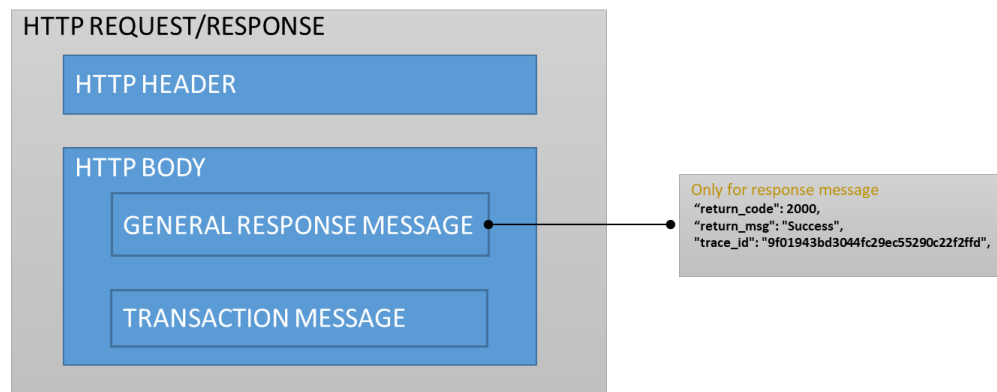
```
// 校验卡信息  
LLP.getValidateResult().then(res => {  
  if (res && !res.validateResult) {  
    // 校验不通过，支付取消，可添加用户自定义操作  
  } else {  
    LLP.confirmPay().then(function (result) {  
      // Get cartToken to creating an order (card_token: result.data)  
      // send form values  
    });  
  }  
});  
})
```

3. 报文规范及安全 Message Specification and Security

3.1. 报文编码及结构 Message Encoding and Structure

LianLian Pay 的 API 通信统一采用 HTTP 的 POST/GET 方式，HTTP 请求的报文体需要为 JSON 格式，UTF-8 编码。请参考下图报文格式的示例。

All messages are communicated through API as POST/GET using the HTTP protocol. The system uses UTF-8 for coding and JSON for message. Please refer to the below examples.



3.1.1. HTTP HEADER

Field	Type	Required	Description
sign-type	string(3)	M	数字签名类型：RSA Digital signature type
signature	string(128)	M	数字签名 Digital signature string
timestamp	string(14)	M	yyyyMMddHHmmss
timezone	string(64)	M	e.g. Brazil/East
Content-Type	string(32)	M	Method=POST, application/json,

3.1.2. GENERAL RESPONSE MESSAGE

Field	Type	Required	Description
return_code	string(64)	M	参考附录 6.4 See 6.4
return_msg	string(128)	M	参考附录 6.4 See 6.4
trace_id	string(32)	M	追踪号，需要技术支持时候，请提供至 LianLian Pay 技术人员

			trace_id which is needed for technical support.
decline_code	string(128)	C	详细原因，参考附录 6.3.7 Decline code. See 6.3.7

Demo

成功响应:

Successful response:

Header:

```
"sign-type": "value",  
"sign": "value"
```

Body:

```
{  
  "return_code": "SUCCESS",  
  "return_msg": "Success",  
  "trace_id": "9f01943bd3044fc29ec55290c22f2ffd",  
  "order": {  
    .....  
  }  
}
```

失败响应:

Failed response:

Body:

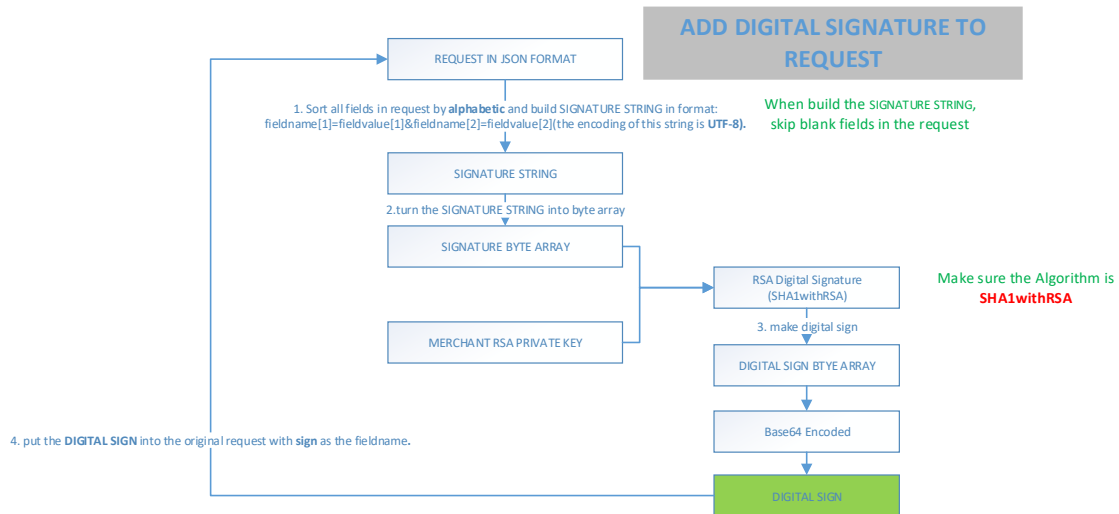
```
{  
  "return_code": "INVALID_PARAMETER",  
  "return_msg": " merchant_id is empty or incorrect ",  
  "trace_id": "9f01943bd3044fc29ec55290c22f2ffd"  
}
```

3.2. 数字签名 Digital Signature

3.2.1. 请求报文签名 Request Signature

通信报文需要有 RSA 数字签名，具体的签名流程和逻辑请参考下图。

The message must have RSA digital signature, see below diagram for details.



Demo:

```

{
  "c":{"b":"11","a":"10"},
  "a":"100",
  "b":[{"c":"3","b":"2","a":"1"}, {"c":"6","b":"5","a":"4"}]
}
  
```

- 按照最外层 key 值进行排序 Order by the key value of the outer object

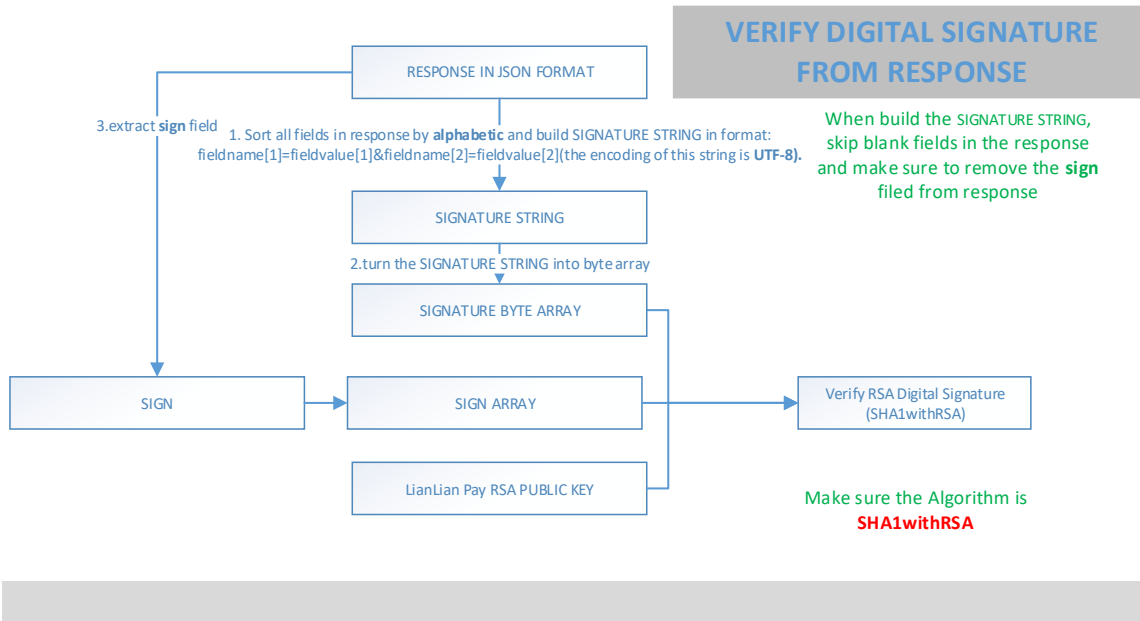

```

      "a":"100"
      "b":[{"f":"3","e":"2","d":"1"}, {"j":"6","i":"5","h":"4"}]
      "c":{"b":"11","a":"10"}
      
```
- 子对象 Key 值进行排序 Order by the key value of sub-object


```

      "a":"100"
      "b":[{"d":"1","e":"2","f":"3"}, {"h":"4","i":"5","j":"6"}]
      "c":{"k":"10","m":"11"}
      
```
- Key 值 value 进行拼接，得到加签字符串。Concat ordered key values for signature string
 Signature string="a=100&d=1&e=2&f=3&h=4&i=5&j=6&k=10&m=11"

3.2.2. 返回报文签名 Response Message Signature



3.3. 类型说明 Data Type Explanation

Data Type syntax	Description
number(p,s)	p,s 均为正整数, p 表示精度 s 为小数位 number, where p is precision and s is the scale
string(n)	n 为正整数表示字符串最大长度 n is an integer, which stands for the max length of the string

4. 对象定义 Object Definition

4.1. Product

Field	Type	Required	Description
product_id	string(64)	M	商品 ID Unique identify for product
name	string(512)	M	商品名称 Product name
description	string(128)	O	商品描述, 不允许包含""等特殊字符 Product description, no special characters
price	number(15,2)	M	商品价格, 需保留两位小数 Eg.100.00 Product price, keep 2 decimals
quantity	number(10)	M	商品数量, 正整数 Product quantity, positive integer
category	string (64)	O	商品分类

			Product category
sku	string(128)	O	商品 sku, 信用卡支付必填 Product SKU, mandatory when payment method is credit card
url	string(256)	O	商品网址, 支付方式为国际信用卡时必须 Product URL, mandatory when payment method is credit card
shipping_provider	string(64)	O	物流供应商 Logistics service provider e.g. DHL,Fedex, sedex, pac;,carrier, other.

4.2. Address

Field	Type	Required	Description
line1	string(256)	M	详细地址 1 Address line 1
line2	string(256)	O	详细地址 2 Address line 2
city	string(64)	M	城市 City
state	string(64)	O	省份, 查阅附录省份&缩写, 部分国家 (美国\巴西\加拿大) 请参照 6.3.3 State/province, see appendix, Some countries such as (US\BR\CA) see 6.3.3 备注: 其他国家按 ISO 标准填
country	string(2)	M	国家缩写, 参照 6.3.1 Country abbreviations, see 6.3.1
postal_code	string(32)	M	邮编 Zip code

4.3. Shipping

Field	Type	Required	Description
first_name	string(64)	O	收货人名 First name of recipient
last_name	string(64)	O	收货人姓 Last name of recipient
name	string(128)	M	收货人姓名 first_name+空格+ last_name Full name of recipient f first_name + " " + last_name
phone	string(32)	O	收货人手机号

			Mobile phone number
cycle	string(5)	M	配送周期 Dispatch time 12h: Within 12 hours; 24h: Within 24 hours; 48h: Within 48 hours; 72h: Within 72 hours; other: Over 72 hours
address	Address	M	地址信息, 详见 4.2 Address information, see 4.2

4.4. Customer

Field	Type	Required	Description
customer_type	string(1)	M	客户身份类型, 目前仅支持个人 I=Individual (个人) C=Corporation (公司) Customer identity type, currently support individual only
first_name	string(64)	O	Mandatory when customer_type="I"
last_name	string(64)	O	Mandatory when customer_type="I"
full_name	string(128)	M	个人全名或者公司名称 Full name of individual or company
gender	string(16)	O	性别: male, female, undefined Gender: male, female, undefined
id_type	string(16)	O	证件类型: CPF; CNPJ Identity type: CPF, CNPJ
id_no	string(32)	O	证件号 Identify number
email	string(64)	O	客户邮件地址 Email address of customer
phone	string(32)	O	格式: "+区号-手机号" Format: "+district code-mobile number"
company	string(128)	O	个人公司名称 Company name where the individual works
address	Address	O	地址信息, 详见 4.2. Address information, see 4.2

4.5. Card

Field	Type	Required	Description
holder_name	string(128)	O	持卡人姓名, 收银台接入方式可不传

			Name of cardholder Optional when integration method is checkout page
id_type	string(16)	O	证件类型:CPF; CNPJ 等。收银台接入方式可不传 Identity type: CPF, CNPJ, etc. Optional when integration method is checkout page
id_no	string(32)	O	证件号, 收银台接入方式可不传 Identity number Optional when integration method is checkout page
card_no	string(32)	O	卡号, 收银台接入方式可不传 Card number Optional when integration method is checkout page
card_type	string(2)	O	卡类型: D=借记, C=贷记 Card type: d=debit card, C=credit card
bank_code	string(32)	O	银行编码 Bank code
card_brand	string(32)	O	信用卡卡品牌,信用卡必传, 收银台接入方式可不传 Card brand,mandatory when card type="C"visa/mastercard/jcb/amex/dinersclub/discover optional when integration method is checkout page
card_expiration_year	string(2)	O	卡年有效期,信用卡必传, 收银台接入方式可不传 Year, as shown on the card. Mandatory when card_type="C". Optional when integration method is checkout page.
card_expiration_month	string(2)	O	卡月有效期,信用卡必传, 收银台接入方式可不传 Month, as shown on the card. Mandatory when card_type="C" Optional when integration method is checkout page.
cvv	number(4)	O	卡安全码,信用卡必传, 收银台接入方式可不传 Card verification value. Mandatory when card_type="C" Optional when integration method is checkout page

phone_number	String(32)	O	格式: "+区号-手机号" Format: "+district code-mobile number"
email	String(64)	O	邮件地址 Email address
billing_address	Address	O	See 4.2, Mandatory when card_type="C"
card_token	string	O	API 模式下,卡信息预提交模式接入必填(iframe)

4.6. MerchantOrder

Field	Type	Required	Description
merchant_order_id	string(64)	M	商户订单 ID Unique identifier for order
merchant_user_no	string(64)	O	商户的用户 ID Unique identifier for merchant user
merchant_order_time	string(14)	M	商户订单时间:yyyyMMddHHmmss Merchant order time: yyyyMMddHHmmss
order_description	string(256)	O	订单描述, 收银台页面显示 Order description, displayed at checkout page
due_date	string(8)	Ø	订单有效期: yyyyMMdd Order valid date: yyyyMMdd 备注: 删除
order_amount	number(15,2)	M	订单金额, 需保留两位小数 Eg.100.00 Order amount, keep 2 decimals
order_currency_code	string(3)	M	订单币种: 详见 6.3.2 Order currency: See 6.3.2
tax	number(15,2)	Ø	税 Tax 备注: 删除
products	Array of Product	M	商品详情列表, product 详见 4.1 总长度不能超过 40960 Product details, see 4.1 Max length is 40960
shipping	Shipping	O	See 4.3

SSSSSkkkkkkkkksadwadwaSADWAsadwa

4.7. PaymentRequestPaymentData

Field	Type	Required	Description
installments	number(2)	O	付款期数未分期, 默认为 1

			Number of installments, default as 1 备注：本地信用卡分期
card	Card	O	银行卡信息详见 4.5,纯 API 方式接入必填 See 4.5,

4.8. PaymentResponsePaymentData

Field	Type	Required	Description
payment_currency_code	string(3)	M	支付币种 Payment currency
payment_amount	number(15,2)	M	支付金额 Payment amount
payment_time	string(14)	O	yyyyMMddHHmmss, return when payment_status="PS"
payment_status	string(2)	M	支付状态,详见 6.1
settlement_currency_code	string(3)	O	商户结算币种: USD (default) Settlement currency: USD (default)
settlement_amount	number(15,2)	O	商户结算金额 Settlement amount
installments	string(2)	O	Default as 0
account_date	string(8)	O	Return when payment_status="PS"

4.9. PaymentResponse

Field	Type	Required	Description
ll_transaction_id	string(32)	M	LianLian pay 支付单 ID LianLian Pay transaction ID
merchant_transaction_id	string(64)	M	商户订单 ID Merchant transaction ID
payment_data	PaymentResponsePaymentData	M	支付数据, 详见 4.8 See 4.8 for payment_data
payment_url	string(256)	O	支付 URL 地址, 用户需要跳转到此地址完成支付 当 3ds_status= challenge 时, 存放的是 3DS URL Payment URL, user needs to be redirected to the payment URL to complete the payment

			When 3ds_status is challenge, this field is 3DS URL.
3ds_status	string(10)	O	challenge-需要 3ds 认证 空值- 不需要 3ds 认证 challenge-payment with 3DS null- payment without 3DS
key	String(256)	Ø	支付请求时返回支付 key, 商户使用该 key 进行初始化 iFrame 页面 Return Payment key when Payment Request Called, merchant needs key to init iFrame page 备注: 删除 (戴立 2022.1.4 已确定可以删除)
qrcode	string(512)	O	二维码码串 Qrcode

4.10. RefundRequestRefundData

Field	Type	Required	Description
refund_currency_code	string(3)	M	报价币种: USD、BRL Refund currency: USD, BRL
refund_amount	number(15,2)	M	退款金额, 累计退款不可超出原支付金额 Refund amount, accumulated amount can't exceed original payment amount
card	Card	O	银行卡信息详见 4.5 See 4.5 for bank card information 备注: boleto pix 必填
reason	string(512)	O	退款原因描述 Refund reason description

4.11. RefundResponseRefundData

Field	Type	Required	Description
refund_currency_code	string(3)	M	退款计价币种 Billing currency for refund
refund_amount	number(15,2)	M	退款金额 Refund amount
settlement_currency_code	string(3)	M	商户出账币种

			Debit currency of merchant
settlement_amount	number(15,2)	M	商户出账金额 Debit amount of merchant
actual_refund_currency_code	string(3)	M	实际退款币种 Actual refund currency
actual_refund_amount	number(15,2)	M	实际退款金额 Actual refund amount
refund_status	string(2)	M	退款状态 Refund status
exchange_rate	number(15,8)	O	退款汇率 Refund exchange rate
refund_time	string(14)	O	退款完成时间 yyyyMMddHHmmss Refund completion time
reason	string(512)	O	退款原因 Refund reason
account_date	string(8)	O	退款确认账务日期,退款成功返回 yyyyMMdd Account date of refund confirmation ; Return when refund_status="PS"

4.12. RefundResponse

Field	Type	Required	Description
ll_transaction_id	string(64)	M	LianLian Pay 退款 ID LianLian Pay transaction ID for refund
merchant_transaction_id	string(64)	M	商户退款 ID Merchant transaction ID for refund
original_transaction_id	string(64)	M	商户原支付单号 Original transaction ID of merchant
refund_data	RefundResponseRefundData	M	退款数据, 详见 4.11 see 4.10 for refund data

4.13. TerminalData

Field	Type	Required	Description
user_order_ip	string(64)	O	Direct API 模式必填。用户下单 IP IP address
user_client_mode	string(8)	O	Client type

			18: IVR(Interactive Voice Response) 16: WAP 13: PC 10: APP 0: (Merchant deduction mode)
user_client_app_type	string(2)	0	Operating system type: 0: iOS 1: Android 2: Window Phone
user_client_android_imei	string(64)	0	IMEI
user_client_android_sim_id	string(64)	0	SIM ID
user_client_ios_machine_id	string(128)	0	UUID
user_client_browser_accept_header	string(256)	0	Direct API 模式必填。The accept header value of the shopper's browser
user_client_browser_color_depth	number(3)	0	Direct API 模式必填。The color depth of the shopper's browser in bits per pixel. Use the browser's screen.colorDepth property to obtain the value. Accepted values: 1, 4, 8, 15, 16, 24, 32, or 48 bit.
user_client_browser_java_enabled	boolean	0	Direct API 模式必填。Boolean value indicating if the shopper's browser is able to execute Java.
user_client_browser_js_enabled	boolean	0	Boolean value indicating if the shopper's browser is able to execute JavaScript. A default 'true' value is assumed if the field is not present.
user_client_browser_language	string(8)	0	Direct API 模式必填。The name of the browser language used by the shopper. Examples: en-US
user_client_browser_screen_height	number(5)	0	Direct API 模式必填。The pixel height of the shopper's screen
user_client_browser_screen_width	number(5)	0	Direct API 模式必填。The pixel width of the shopper's screen
user_client_browser_time_zone_offset	string(48)	0	Direct API 模式必填。Time difference between UTC time and the Cardholder browser local time, in minutes. Note that the offset is positive if the local time zone is behind UTC and

			negative if it is ahead. If UTC -5 hours then submit 300 or +300, If UTC +2 hours then -120. The value can be retrieved using Javascript getTimezoneOffset() method over Date object.
user_client_browser_user_agent	string(256)	O	Direct API 模式必填。The user agent value of the shopper's browser.

4.14. Shippment

Field	Type	Required	Description
carrier_code	string(64)	M	承运商编码, 参考 6.3.6
tracking_no	string(128)	M	物流单号
country	string(2)	O	发货国家缩写, 参照 6.3.1 Country abbreviations, see 6.3.1

4.15. CancelPayResponse

Field	Type	Required	Description
Merchant_id	string(64)	M	商户 ID Unique identifier for merchant assigned by LianLian Pay
merchant_transaction_id	string(128)	M	商户订单 ID Merchant transaction ID
allow_cancel	boolean	M	是否取消成功 true 成功 false 失败 Cancel success flag ture success, false fail
message	String(128)	O	取消结果提示,allow_cancel 为 false 时有值 Cancel the result prompt, and there is a value when allow_cancel is false
cacel_time	number(31)	M	操作时间戳 Time stamp

5. 接口定义 API Definition

5.1. 通用支付请求参数

Field	Type	Required	Description
merchant_transaction_id	string (64)	M	支付交易 ID Unique identifier for payment transaction
merchant_id	string(32)	M	商户 ID Unique identifier for merchant assigned by LianLian Pay
sub_merchant_id	string(32)	O	二级商户号 Sub-merchant ID 备注：若有二级商户号必填
front_model	String(32)	O	Iframe 方式接入时传 IFRAME 备注：删除
notification_url	string(1024)	O	支付结果通知地址 Payment result notification URL 备注：消息通知获取结果必填
redirect_url	string(1024)	O	支付成功后，用户页面回跳 URL 地址 收银台方式接入必填， Iframe2.0 必填。 备注：api 国际信用卡、本地必填； 收银台方式接入必填， Iframe 必填
cancel_url	string(1024)	O	支付取消地址， Cancel URL 备注：收银台必填；api 3ds 非必填（于丹 1.6 确定）
country	string(2)	M	收单国家,参照 6.3.1 Issuing country, see 6.3.1 备注：商户主体国家

5.2. 支付 Payment

5.2.1. 国际信用卡支付

请求参数列表：

Request Parameters:

测试 URL Testing URL	https://celer-api.LianLianpay-inc.com/v3/merchants/<merchant_id>/payments		
生产 URL Production URL	https://gpapi.LianLianpay.com/v3/merchants/<merchant_id>/payments		
请求方式 Request method	POST		
Field	Type	Required	Description
通用请求字段, 详见 5.1			
merchant_order	MerchantOrder	M	商户订单信息, 详见 4.6 See 4.6 for merchant order information
customer	Customer	M	客户信息详见 4.4 See 4.4 for customer information
payment_method	string(32)	O	支付方式(收银台接入方式可不传): Payment Method (optional when integration method is checkout page) inter_credit_card(国际信用卡 international credit card) 备注: api 方式必填; iframe 必填
payment_data	PaymentRequestPaymentData	O	支付数据, 详见 4.7 See 4.7 for payment_data
terminal_data	TerminalData	O	Direct API 模式必填。商户用户终端信息, 详见 4.13 See 4.13 for terminal_data
additional_info	string(1024)	O	eg. { "merchant_user_id": "123456", "merchant_user_email": "xxx@lianlianpay.com", "merchant_user_login_name": "testlogin", "user_register_ip": "11.49.33.59", "user_register_phone": "+86-13812345678", "user_register_terminal": "android", "user_register_time": "20200714165530" } Transfer Json string per MCC, content follows the standards aligned with LianLian Pay { "merchant_user_id": "123456", "merchant_user_email": "xxx@lianlianpay.com", "merchant_user_login_name": "testlogin", "user_register_ip": "11.49.33.59", "user_register_phone": "+86-13812345678", "user_register_terminal": "android", "user_register_time": "20200714165530", "site_url": "https://shoppingmall.com" } <u>Explanation:</u> merchant_user_id : customer id 64 characters merchant_user_email: customer's email 64 characters

			merchant_user_login_name: customer's login name 64 characters user_register_ip: customer's IP address 64 characters user_register_phone: customer's phone number 32 characters user_register_time: customer's register time yyyyMMddHHmmss 14 characters site_url: address of merchant's shop website 商户销售网站域名 备注: api 模式下, site_url 必填。
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请求加签结构:

Signature Request Structure:

整个 body 中的 json 报文

响应参数列表:

Response Parameters:

Field	Type	Required	Description
通用响应字段, 详见 3.1.2 see 3.1.2 for generic response field			
order	PaymentResponse	M	支付响应数据, 详见 4.9 See 4.8 for payment response

Note A.

商户支付订单 ID 需要保证唯一, 对于没有确认支付 (订单状态为等待支付) 的订单, 可以进行重复递交。

Merchant transaction ID needs to be unique, order that hasn't been confirmed for payment (pending payment as status) can be submitted again.

对于重复提交的商户支付订单请求, 出于信息安全考虑需要保证以下字段与初次提交相同, "customer", "merchant_order", payment_data。

For repeated transaction requests, need to make sure the below fields are the same as the first submission out of information security. "customer", "merchant_order", "payment_data".

5.2.2. 巴西本地信用卡支付

请求参数列表:

Request Parameters:

测试 URL Testing URL	https://celer-api.LianLianpay-inc.com/v3/merchants/<merchant_id>/payments		
生产 URL Production URL	https://gpapi.LianLianpay.com/v3/merchants/<merchant_id>/payments		
请求方式 Request method	POST		
Field	Type	Required	Description
通用请求字段, 详见 5.1			
customer	Customer	M	客户信息详见 4.4 See 4.4 for customer information
merchant_order	MerchantOrder	M	商户订单信息, 详见 4.6 See 4.6 for merchant order information
payment_method	string(32)	O	支付方式(收银台接入方式可不传): Payment Method (optional when integration method is checkout page) local_credit_card(本地信用卡 domestic credit card)
payment_data	PaymentRequestPaymentData	O	支付数据, 详见 4.7 See 4.7 for payment_data
terminal_data	TerminalData	O	Direct API 模式必填。商户用户终端信息, 详见 4.13 See 4.13 for terminal_data
additional_info	string(1024)	O	eg. { "merchant_user_id": "123456", "merchant_user_email": "xxx@lianlianpay.com", "merchant_user_login_name": "testlogin", "user_register_ip": "11.49.33.59", "user_register_phone": "+86-13812345678", "user_register_terminal": "android", "user_register_time": "20200714165530" } Transfer Json string per MCC, content follows the standards aligned with LianLian Pay { "merchant_user_id": "123456", "merchant_user_email": "xxx@lianlianpay.com", "merchant_user_login

			<div>n_name:"testlogin","user_register_ip":"11.49.33.59","user_register_phone":"+86-13812345678","user_register_terminal":"android","user_register_time":"20200714165530","site_url":"https://shoppingmall.com"}</div> <div><u>Explanation:</u> merchant_user_id : customer id 64 characters merchant_user_email: customer's email 64 characters merchant_user_login_name: customer's login name 64 characters user_register_ip: customer's IP address 64 characters user_register_phone: customer's phone number 32 characters user_register_time: customer's register time yyyyMMddHHmmss 14 characters site_url: address of merchant's shop website</div>
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请求加签结构:

Signature Request Structure:

整个 body 中的 json 报文

响应参数列表:

Response Parameters:

Field	Type	Required	Description
通用响应字段，详见 3.1.2 see 3.1.2 for generic response field			
order	PaymentResponse	M	支付响应数据，详见 4.9 See 4.8 for payment response

Note A.

商户支付订单 ID 需要保证唯一，对于没有确认支付（订单状态为等待支付）的订单，可以进行重复递交。

Merchant transaction ID needs to be unique, order that hasn't been confirmed for payment (pending payment as status) can be submitted again.

对于重复提交的商户支付订单请求，出于信息安全考虑需要保证以下字段与初次提交相同，**"customer"**，**"merchant_order"**，**payment_data**。

For repeated transaction requests, need to make sure the below fields are the same as the first submission out of information security. "customer", "merchant_order", "payment_data".

5.2.3. PIX 支付

请求参数列表：

Request Parameters:

测试 URL Testing URL	https://celer-api.LianLianpay-inc.com/v3/merchants/<merchant_id>/payments		
生产 URL Production URL	https://gpapi.LianLianpay.com/v3/merchants/<merchant_id>/payments		
请求方式 Request method	POST		
Field	Type	Required	Description
通用请求字段，详见 5.1			
customer	Customer	M	客户信息详见 4.4 See 4.4 for customer information
merchant_order	MerchantOrder	M	商户订单信息，详见 4.6 See 4.6 for merchant order information
payment_method	string(32)	O	支付方式(收银台接入方式可不传): Payment Method (optional when integration method is checkout page) pix
additional_info	string(1024)	O	eg. { "merchant_user_id": "123456", "merchant_user_email": "xxx@lianlianpay.com", "merchant_user_login_name": "testlogin", "user_register_ip": "11.49.33.59", "user_register_phone": "+86-13812345678", "user_register_terminal": "android", "user_register_time": "20200714165530" } Transfer Json string per MCC, content follows the standards aligned with LianLian Pay { "merchant_user_id": "123456", "merchant_user_email": "xxx@lianlianpay.com", "merchant_user_login_name": "testlogin", "user_register_ip": "11.49.33.59", "user_register_phone": "+86-

			<pre>13812345678","user_register_terminal":"android", "user_register_time":"20200714165530", "site_url":"https://shoppingmall.com"}</pre> <p><u>Explanation:</u> merchant_user_id : customer id 64 characters merchant_user_email: customer's email 64 characters merchant_user_login_name: customer's login name 64 characters user_register_ip: customer's IP address 64 characters user_register_phone: customer's phone number 32 characters user_register_time: customer's register time yyyyMMddHHmmss 14 characters site_url: address of merchant's shop website</p>
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请求加签结构:

Signature Request Structure:

整个 body 中的 json 报文

响应参数列表:

Response Parameters:

Field	Type	Required	Description
通用响应字段, 详见 3.1.2 see 3.1.2 for generic response field			
order	PaymentResponse	M	支付响应数据, 详见 4.9 See 4.8 for payment response

Note A.

商户支付订单 ID 需要保证唯一, 对于没有确认支付 (订单状态为等待支付) 的订单, 可以进行重复递交。

Merchant transaction ID needs to be unique, order that hasn't been confirmed for payment (pending payment as status) can be submitted again.

对于重复提交的商户支付订单请求，出于信息安全考虑需要保证以下字段与初次提交相同，**"customer"**，**"merchant_order"**，**payment_data**。

For repeated transaction requests, need to make sure the below fields are the same as the first submission out of information security. "customer", "merchant_order", "payment_data".

5.2.4. Boleto 支付

请求参数列表：

Request Parameters:

测试 URL Testing URL	https://celer-api.LianLianpay-inc.com/v3/merchants/<merchant_id>/payments		
生产 URL Production URL	https://gpapi.LianLianpay.com/v3/merchants/<merchant_id>/payments		
请求方式 Request method	POST		
Field	Type	Required	Description
通用请求字段，详见 5.1			
customer	Customer	M	客户信息详见 4.4 See 4.4 for customer information
merchant_order	MerchantOrder	M	商户订单信息，详见 4.6 See 4.6 for merchant order information
payment_method	string(32)	O	支付方式(收银台接入方式可不传): Payment Method (optional when integration method is checkout page) boleto
terminal_data	Terminal Data	O	Direct API 模式必填。商户用户终端信息，详见 4.13 See 4.13 for terminal_data
additional_info	string(1024)	O	eg. { "merchant_user_id": "123456", "merchant_user_email": "xxx@lianlianpay.com", "merchant_user_login_name": "testlogin", "user_register_ip": "11.49.33.59", "user_register_phone": "+86-13812345678", "user_register_terminal": "android", "user_register_time": "20200714165530" } Transfer Json string per MCC, content follows the standards aligned with LianLian Pay { "merchant_user_id": "123456", "merchant_user_email": "xxx@lianlianpay.com", "merchant_user_login_name": "testlogin", "user_register_ip": "11.49.33.

			<pre>59","user_register_phone":"+86-13812345678","user_register_terminal":"android", "user_register_time":"20200714165530", "site_url":"https://shoppingmall.com"}</pre> <p><u>Explanation:</u> merchant_user_id : customer id 64 characters merchant_user_email: customer's email 64 characters merchant_user_login_name: customer's login name 64 characters user_register_ip: customer's IP address 64 characters user_register_phone: customer's phone number 32 characters user_register_time: customer's register time yyyyMMddHHmmss 14 characters site_url: address of merchant's shop website</p>
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请求加签结构:

Signature Request Structure:

整个 body 中的 json 报文

响应参数列表:

Response Parameters:

Field	Type	Required	Description
通用响应字段, 详见 3.1.2 see 3.1.2 for generic response field			
order	PaymentResponse	M	支付响应数据, 详见 4.9 See 4.8 for payment response

Note A.

商户支付订单 ID 需要保证唯一, 对于没有确认支付 (订单状态为等待支付) 的订单, 可以进行重复递交。

Merchant transaction ID needs to be unique, order that hasn't been confirmed for payment (pending payment as status) can be submitted again.

对于重复提交的商户支付订单请求，出于信息安全考虑需要保证以下字段与初次提交相同，**"customer"**，**"merchant_order"**，**payment_data**。

For repeated transaction requests, need to make sure the below fields are the same as the first submission out of information security. "customer", "merchant_order", "payment_data".

5.2.5. Konbini 支付

请求参数列表：

Request Parameters:

测试 URL Testing URL	https://celer-api.LianLianpay-inc.com/v3/merchants/<merchant_id>/payments		
生产 URL Production URL	https://gpapi.LianLianpay.com/v3/merchants/<merchant_id>/payments		
请求方式 Request method	POST		
Field	Type	Required	Description
通用请求字段，详见 5.1			
customer	Customer	M	客户信息详见 4.4 See 4.4 for customer information
merchant_order	MerchantOrder	M	商户订单信息，详见 4.6 See 4.6 for merchant order information
payment_method	string(32)	O	支付方式(收银台接入方式可不传): Payment Method (optional when integration method is checkout page) konbini
terminal_data	Terminal Data	O	Direct API 模式必填。商户用户终端信息，详见 4.13 See 4.13 for terminal_data
additional_info	string(1024)	O	eg. { "merchant_user_id": "123456", "merchant_user_email": "xxx@lianlianpay.com", "merchant_user_login_name": "testlogin", "user_register_ip": "11.49.33.59", "user_register_phone": "+86-13812345678", "user_register_terminal": "android", "user_register_time": "20200714165530" } Transfer Json string per MCC, content follows the standards aligned with LianLian Pay { "merchant_user_id": "123456", "merchant_user_email": "xxx@lianlianpay.com", "merchant_user_login_name": "testlogin", "user_register_ip": "11.49.33.

			<div>59","user_register_phone":"+86-13812345678","user_register_terminal":"android", "user_register_time":"20200714165530", "site_url":"https://shoppingmall.com"} <u>Explanation:</u> merchant_user_id : customer id 64 characters merchant_user_email: customer's email 64 characters merchant_user_login_name: customer's login name 64 characters user_register_ip: customer's IP address 64 characters user_register_phone: customer's phone number 32 characters user_register_time: customer's register time yyyyMMddHHmmss 14 characters site_url: address of merchant's shop website</div>
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请求加签结构:

Signature Request Structure:

整个 body 中的 json 报文

响应参数列表:

Response Parameters:

Field	Type	Required	Description
通用响应字段, 详见 3.1.2 see 3.1.2 for generic response field			
order	PaymentResponse	M	支付响应数据, 详见 4.9 See 4.8 for payment response

Note A.

商户支付订单 ID 需要保证唯一, 对于没有确认支付 (订单状态为等待支付) 的订单, 可以进行重复递交。

Merchant transaction ID needs to be unique, order that hasn't been confirmed for payment (pending payment as status) can be submitted again.

对于重复提交的商户支付订单请求，出于信息安全考虑需要保证以下字段与初次提交相同，**"customer"**，**"merchant_order"**，**payment_data**。

For repeated transaction requests, need to make sure the below fields are the same as the first submission out of information security. "customer", "merchant_order", "payment_data".

5.2.6. Pay-easy 支付

请求参数列表:

Request Parameters:

测试 URL Testing URL	https://celer-api.LianLianpay-inc.com/v3/merchants/<merchant_id>/payments		
生产 URL Production URL	https://gpapi.LianLianpay.com/v3/merchants/<merchant_id>/payments		
请求方式 Request method	POST		
Field	Type	Required	Description
通用请求字段，详见 5.1			
customer	Customer	M	客户信息详见 4.4 See 4.4 for customer information
merchant_order	MerchantOrder	M	商户订单信息，详见 4.6 See 4.6 for merchant order information
payment_method	string(32)	O	支付方式(收银台接入方式可不传): Payment Method (optional when integration method is checkout page) pay_easy
terminal_data	Terminal Data	O	Direct API 模式必填。商户用户终端信息，详见 4.13 See 4.13 for terminal_data
additional_info	string(1024)	O	eg. { "merchant_user_id": "123456", "merchant_user_email": "xxx@lianlianpay.com", "merchant_user_login_name": "testlogin", "user_register_ip": "11.49.33.59", "user_register_phone": "+86-13812345678", "user_register_terminal": "android", "user_register_time": "20200714165530" } Transfer Json string per MCC, content follows the standards aligned with LianLian Pay { "merchant_user_id": "123456", "merchant_user_email": "xxx@lianlianpay.com", "merchant_user_login_name": "testlogin", "user_register_ip": "11.49.33.

			<div>59","user_register_phone":"+86-13812345678","user_register_terminal":"android", "user_register_time":"20200714165530", "site_url":"https://shoppingmall.com"} <u>Explanation:</u> merchant_user_id : customer id 64 characters merchant_user_email: customer's email 64 characters merchant_user_login_name: customer's login name 64 characters user_register_ip: customer's IP address 64 characters user_register_phone: customer's phone number 32 characters user_register_time: customer's register time yyyyMMddHHmmss 14 characters site_url: address of merchant's shop website</div>
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请求加签结构:

Signature Request Structure:

整个 body 中的 json 报文

响应参数列表:

Response Parameters:

Field	Type	Required	Description
通用响应字段, 详见 3.1.2 see 3.1.2 for generic response field			
order	PaymentResponse	M	支付响应数据, 详见 4.9 See 4.8 for payment response

Note A.

商户支付订单 ID 需要保证唯一, 对于没有确认支付 (订单状态为等待支付) 的订单, 可以进行重复递交。

Merchant transaction ID needs to be unique, order that hasn't been confirmed for payment (pending payment as status) can be submitted again.

对于重复提交的商户支付订单请求，出于信息安全考虑需要保证以下字段与初次提交相同，**"customer"**，**"merchant_order"**，**payment_data**。

For repeated transaction requests, need to make sure the below fields are the same as the first submission out of information security. "customer", "merchant_order", "payment_data".

5.2.7. 支付结果通知 Payment Result Notification

当支付确认完成时，LianLian Pay 会推送支付结果至商户支付申请时填入的"notification_url"，

Upon completion of payment, LianLian Pay will push refund result to the notification URL submitted by the merchant for application.

触发频率: 10mins

Trigger frequency: 10 mins

最大通知次数: 15

Max notification times: 15

通知参数列表 (LianLian Pay 至 商户) :

Notification Parameters (LianLian Pay to merchant):

Field	Type	Required	Description
ll_transaction_id	string(32)	M	LianLian pay 支付单 ID LianLian Pay transaction ID
merchant_transaction_id	string(64)	M	商户订单 ID Merchant transaction ID
payment_data	PaymentResponsePaymentData	M	支付数据，详见 4.8 See 4.8 for payment data
payment_url	string(256)	O	支付 URL 地址，用户需要跳转到此地址完成支付 Payment URL, user needs to be redirected to the URL to complete the payment

响应参数列表 (商户 至 LianLian Pay) :

Response Parameters (Merchant to LianLian Pay):

Field	Type	Required	Description
code	string(3)	M	固定: 200

			Fixed: 200
msg	string(32)	M	固定: success Fixed: success

5.2.8. 支付查询 Payment Query

请求参数列表:

Request Parameters:

测试 URL Testing URL	https://celer-api.LianLianpay-inc.com/v3/merchants/<merchant_id>/payments/<merchant_transaction_id>		
生产 URL Production URL	https://gpapi.LianLianpay.com/v3/merchants/<merchant_id>/payments/<merchant_transaction_id>		
请求方式 Request Method	GET		
Field	Type	Required	Description
merchant_id	string(32)	M	商户 ID Merchant ID
merchant_transaction_id	string(64)	M	商户交易 ID Merchant transaction ID

响应参数列表:

Response Parameters:

Field	Type	Required	Description
通用响应字段, 详见 3.1.2 See 3.1.2 for generic response field			
order	PaymentResponse	M	支付响应数据, 详见 4.9 See 4.8 for payment response

5.2.9. 支付结果跳转商户页面 Checkout Page Redirection

该接口可用于 checkout page mode, 当用户在连连收银台完成支付后, 会根据商户支付申请时填入的“redirect_url”进行跳转, 商户系统需要对传递过来的参数进行校验, 如果合法就返回浏览器对应订单的成功页面。

该接口也可用于 Direct API mode, 当支付流程需要 3ds 认证时, 需要在商户站点打开挑战页面, 当挑战结束后会根据商户支付申请时填入的“redirect_url”进行跳转, 商户系统需要对传递过来的参数进行校验, 如果合法就返回浏览器对应订单的成功或失败页面。

This API is applicable to checkout page only. When user completes payment at LianLian Pay's checkout page, user will be redirected to the URL designated by the merchant. Merchant's system needs to validate the parameters, if validation is passed, it will be responded with a payment success page for the order.

参数列表（LianLian Pay 至 商户）：

Parameters (LianLian Pay to merchant):

Field	Type	Required	Description
merchant_id	string(32)	M	商户 ID Merchant ID
merchant_transaction_id	string(64)	M	商户支付订单 ID merchant transaction ID
order_currency_code	string(3)	M	订单币种 Order currency
order_amount	number(8,2)	M	订单金额 Order amount
payment_status	string(2)	M	支付状态 Order status
payment_currency_code	string(3)	M	支付币种 Payment currency
payment_amount	number(8,2)	M	支付金额 Payment amount

5.2.10. 取消支付

请求参数列表：

Request Parameters:

测试 URL Testing URL	https://celer-api.LianLianpay-inc.com/v3/merchants/<merchant_id>/payments/<merchant_transaction_id>/cancelpay		
生产 URL Production URL	https://gpapi.LianLianpay.com/v3/merchants/<merchant_id>/payments/<merchant_transaction_id>/cancelpay		
请求方式 Request Method	GET		
Field	Type	Required	Description
merchant_id	string(32)	M	商户 ID Merchant ID
merchant_transaction_id	string(64)	M	商户交易 ID Merchant transaction ID

响应参数列表:**Response Parameters:**

Field	Type	Required	Description
通用响应字段, 详见 3.1.2 See 3.1.2 for generic response field			
order	CancelPayResponse	M	支付响应数据, 详见 4.17 See 4.17 for CancelPayResponse

5.2.11. 根据商户号获取 token

请求参数列表:**Request Parameters:**

测试 URL Testing URL	https://celer-api.LianLianpay-inc.com/v3/merchants/<merchant_id>/token		
生产 URL Production URL	https://gpapi.LianLianpay.com/v3/merchants/<merchant_id>/token		
请求方式 Request Method	GET		
Field	Type	Required	Description
merchant_id	string(32)	M	商户 ID Merchant ID

加签的字段:

merchant_id 和 header 中的 timestamp 字段

响应参数列表:**Response Parameters:**

Field	Type	Required	Description
通用响应字段, 详见 3.1.2 See 3.1.2 for generic response field			
order	String	M	token

5.3. 退款 Refund

5.3.1. 退款请求 Refund Request

请求参数列表:

Request Parameters:

测试 URL Testing URL	https://celer-api.LianLianpay-inc.com/v3/merchants/<merchant_id>/payments/<original_transaction_id>/refunds		
生产 URL Production URL	https://gpapi.LianLianpay.com/v3/merchants/<merchant_id>/payments/<original_transaction_id>/refunds		
请求方式 Request Method	POST		
Field	Type	Required	Description
merchant_transaction_id	string(64)	M	退款 ID, 需要保证唯一性 Refund ID, needs to be unique
merchant_id	string(32)	M	商户号 Merchant ID
sub_merchant_id	string(32)	O	二级商户号 Sub merchant ID
merchant_refund_time	string(14)	M	商户退款时间:yyyyMMddHHmmss merchant refund time: yyyyMMddHHmmss
original_transaction_id	string(64)	M	原支付单号 Original payment transaction ID of merchant
refund_data	RefundRequest RefundData	M	退款数据详见 4.10 see 4.9 for refund data
notification_url	string(1024)	O	退款结果通知地址 Refund result notification URL

响应参数列表:

Response Parameters:

Field	Type	Required	Description
通用响应字段, 详见 3.1.2 See 3.1.2 for generic response field			
order	RefundResponse	M	退款响应数据, 详见 4.12 See 4.12 for refund response

5.3.2. 退款结果通知 Refund Result Notification

当退款完成时, LianLian Pay 会推送退款结果至商户退款申请时填入的“notification_url”地址。

Upon completion of refund, LianLian Pay will push refund result to the notification URL submitted by the merchant for application.

触发频率: 10mins

Trigger frequency: 10 mins

最大通知次数: 144

Max notification times: 144

通知参数列表 (Celer Pay 至 商户) :

Notification Parameters (Celerpay to Merchant):

Field	Type	Required	Description
通用响应字段, 详见 3.1.2 See 3.1.2 for generic response field			
ll_transaction_id	string(64)	M	LianLian Pay 退款 ID LianLian Pay transaction ID for refund
merchant_transaction_id	string(64)	M	商户退款 ID Merchant transaction ID for refund
original_transaction_id	string(64)	M	商户原支付单号 Original transaction ID of merchant
refund_data	RefundResponseRefundData	M	退款数据, 详见 4.11 see 4.10 for refund data

响应参数列表 (商户 至 连连) :

Response Parameters (Merchant to LianLian Pay)

Field	Type	Required	Description
code	String(3)	M	固定: 200 Fixed: 200
msg	String(32)	M	固定: success Fixed: success

5.3.3. 退款查询 Refund Query

请求参数列表:

Request Parameters:

测试 URL Testing URL	https://celer-api.LianLianpay-inc.com/v3/merchants/<merchant_id>/refunds/merchant_transaction_id		
生产 URL Production URL	https://gpapi.LianLianpay.com/v3/merchants/<merchant_id>/refunds/<merchant_transaction_id>		
请求方式 Request Method	GET		
Field	Type	Required	Description
merchant_id	string(32)	M	商户 ID Merchant ID
merchant_transaction_id	string(64)	M	商户退款交易 ID Transaction ID for refund

响应参数列表:Field Request Parameters:	Type	Required	Description
通用响应字段, 详见 3.1.2 see 3.1.2 for generic response field			
order	RefundResponse	M	退款响应数据, 详见 4.12 See 4.12 for refund response

5.4. 订单物流跟踪 Order Tracking

5.4.1. 上传物流单 Upload Tracking Number

请求参数列表:

Request Parameters:

测试 URL Testing URL	https://celer-api.LianLianpay-inc.com/v3/merchants/<merchant_id>/payments/<merchant_transaction_id>/shipments		
生产 URL Production URL	https://gpapi.LianLianpay.com/v3/merchants/<merchant_id>/payments/<merchant_transaction_id>/shipments		
请求方式 Request Method	POST		
Field	Type	Required	Description

merchant_transaction_id	string(64)	M	商户订单号
merchant_id	string(32)	M	商户号 Merchant ID
sub_merchant_id	string(32)	O	二级商户号 Sub merchant ID
shipments	Array of Shipment	M	物流详情列表, Shipment 详见 4.16 总长度不能超过 1024 Shipment details, see 4.16 Max length is 1024

响应参数列表:**Response Parameters:**

Field	Type	Required	Description
通用响应字段, 详见 3.1.2 See 3.1.2 for generic response field			

5.4.2. 更新收件地址信息 Update Shipping Address**请求参数列表:****Request Parameters:**

测试 URL Testing URL	https://celer-api.LianLianpay-inc.com/v3/merchants/<merchant_id>/payments/< merchant_transaction_id >/shippings		
生产 URL Production URL	https://gpapi.LianLianpay.com/v3/merchants/<merchant_id>/payments/< merchant_transaction_id >/shippings		
请求方式 Request Method	PUT		
Field	Type	Required	Description
merchant_transaction_id	string(64)	M	商户订单号
merchant_id	string(32)	M	商户号 Merchant ID
sub_merchant_id	string(32)	O	二级商户号 Sub merchant ID
shipping	Shipping	M	See 4.3

响应参数列表:**Response Parameters:**

Field	Type	Required	Description
通用响应字段，详见 3.1.2 See 3.1.2 for generic response field			

6. 附录 Appendix

6.1. 支付订单状态迁移图 Payment Status Definition

- Payment Initialize(IN): 初始化支付。

Payment Initialize(IN): payment initialize

- Waiting Payment (WP): 待用户支付。

Waiting Payment (WP): pending payment from payer

- Payment Processing (PP): 等待支付结果。

Payment Processing (PP): waiting payment result

- Payment Cancel (PC): 支付过期或者取消。

Payment Cancel (PC): payment is expired or canceled.

- Payment Success (PS): 支付成功。

Payment Success (PS): payment is completed.

- Payment Failed (PF): 支付失败。

Payment Failed (PF): payment is failed.

- Refund Processing (RP): 等待退款结果。

Refund Processing (RP): Waiting refund result.

- Refund Success (RS): 全部退款成功。

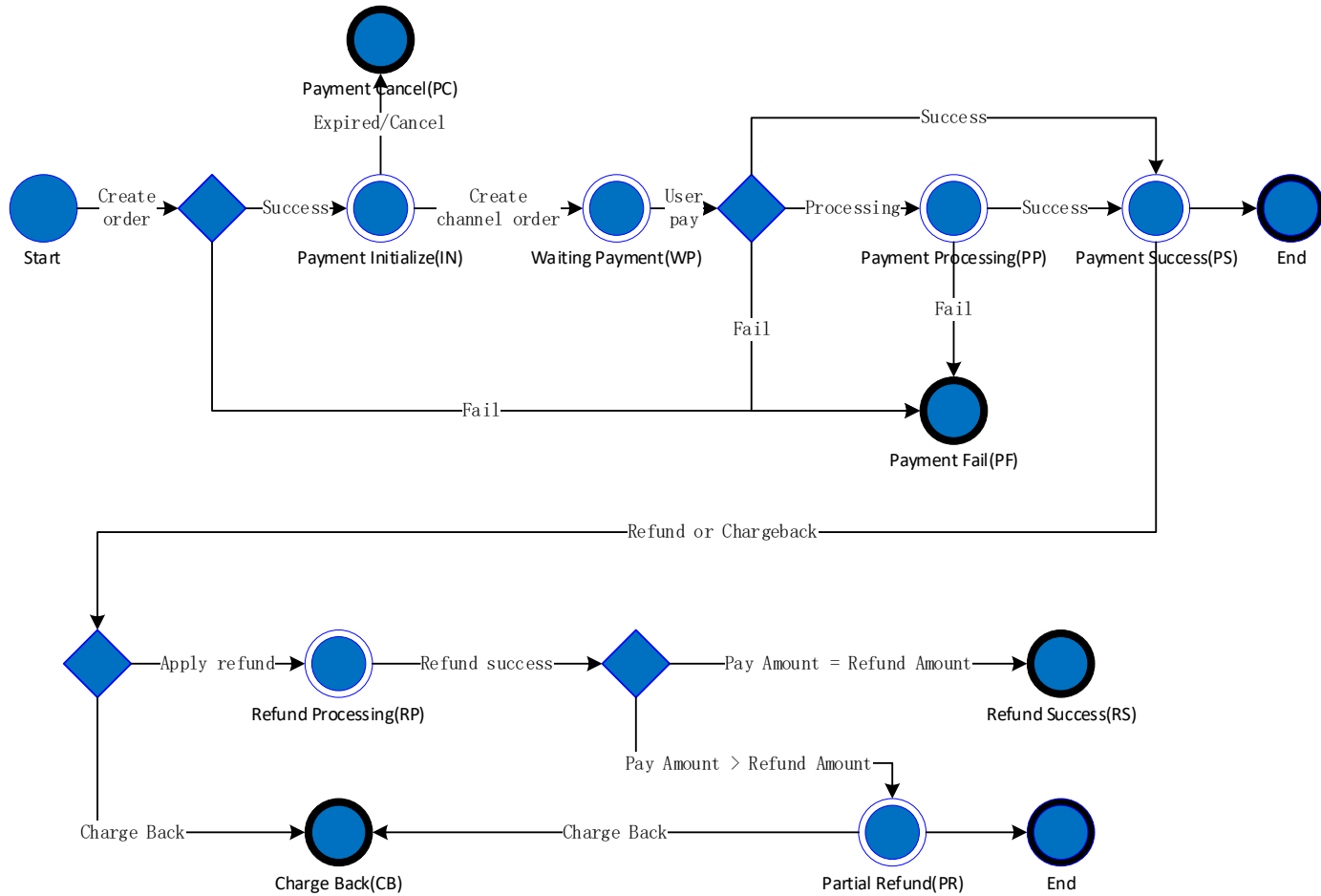
Refund Success (RS): Refund request is accepted.

- Partial Refund (PR): 部分退款成功。

Partial Refund (PR): Partial refund request is accepted.

- Charge Back (CB): 争议拒付。

Charge Back (CB): chargeback.



6.2. 退款订单状态迁移图 Refund Status Definition

- Pending Approval (PA): 退款已申请，待商户复核人员复核。（商户站发起有此状态）。

Pending Approval (PA): Refund request is submitted, pending review for merchant (Only for requests submitted through merchant portal).

- Refund Failed (RF): 退款失败/复核不通过。

Refund Failed (RF): Refund is failed or rejected.

- Refund Success (RS): 退款受理成功。

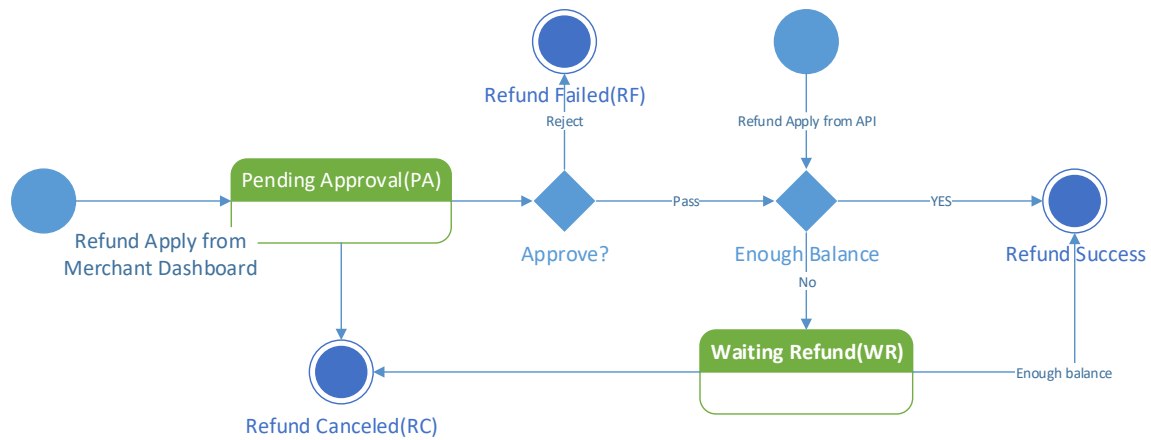
Refund Success (RS): Refund request is accepted.

- Waiting Refund (WR): 退款挂起待余额充足后进行退款。

Waiting Refund (WR): Refund request is suspended, it will be processed once balance is sufficient.

- Refund Canceled (RC): 取消退款。

Refund Canceled (RC): Refund is cancelled.



6.3. 数据字典 Data Dictionary

6.3.1. 国家编码 Country

Country Code	Country Name	Country Code	Country Name
AF	Afghanistan	LS	Lesotho
AX	Åland Islands	LR	Liberia
AL	Albania	LY	Libya
DZ	Algeria	LI	Liechtenstein
AS	American Samoa	LT	Lithuania
AD	Andorra	LU	Luxembourg
AO	Angola	MO	Macao
AI	Anguilla	MG	Madagascar
AQ	Antarctica	MW	Malawi
AG	Antigua and Barbuda	MY	Malaysia
AR	Argentina	MV	Maldives
AM	Armenia	ML	Mali
AW	Aruba	MT	Malta
AU	Australia	MH	Marshall Islands
AT	Austria	MQ	Martinique
AZ	Azerbaijan	MR	Mauritania
BS	Bahamas	MU	Mauritius
BH	Bahrain	YT	Mayotte
BD	Bangladesh	MX	Mexico
BB	Barbados	FM	Micronesia (Federated States of)
BY	Belarus	MD	Moldova (Republic of)
BE	Belgium	MC	Monaco
BZ	Belize	MN	Mongolia

BJ	Benin	ME	Montenegro
BM	Bermuda	MS	Montserrat
BT	Bhutan	MA	Morocco
BO	Bolivia (Plurinational State of)	MZ	Mozambique
BQ	Bonaire, Sint Eustatius and Saba	MM	Myanmar
BA	Bosnia and Herzegovina	NA	Namibia
BW	Botswana	NR	Nauru
BV	Bouvet Island	NP	Nepal
BR	Brazil	NL	Netherlands
IO	British Indian Ocean Territory	NC	New Caledonia
BN	Brunei Darussalam	NZ	New Zealand
BG	Bulgaria	NI	Nicaragua
BF	Burkina Faso	NE	Niger
BI	Burundi	NG	Nigeria
CV	Cabo Verde	NU	Niue
KH	Cambodia	NF	Norfolk Island
CM	Cameroon	MK	North Macedonia
CA	Canada	MP	Northern Mariana Islands
KY	Cayman Islands	NO	Norway
CF	Central African Republic	OM	Oman
TD	Chad	PK	Pakistan
CL	Chile	PW	Palau
CN	China	PS	Palestine, State of
CX	Christmas Island	PA	Panama
CC	Cocos (Keeling) Islands	PG	Papua New Guinea
CO	Colombia	PY	Paraguay
KM	Comoros	PE	Peru
CG	Congo	PH	Philippines
CD	Congo (Democratic Republic of the)	PN	Pitcairn
CK	Cook Islands	PL	Poland
CR	Costa Rica	PT	Portugal
CI	Côte d'Ivoire	PR	Puerto Rico
HR	Croatia	QA	Qatar
CU	Cuba	RE	Réunion
CW	Curaçao	RO	Romania

CY	Cyprus	RU	Russian Federation
CZ	Czechia	RW	Rwanda
DK	Denmark	BL	Saint Barthélemy
DJ	Djibouti	SH	Saint Helena, Ascension and Tristan da Cunha
DM	Dominica	KN	Saint Kitts and Nevis
DO	Dominican Republic	LC	Saint Lucia
EC	Ecuador	MF	Saint Martin (French part)
EG	Egypt	PM	Saint Pierre and Miquelon
SV	El Salvador	VC	Saint Vincent and the Grenadines
GQ	Equatorial Guinea	WS	Samoa
ER	Eritrea	SM	San Marino
EE	Estonia	ST	Sao Tome and Principe
SZ	Eswatini	SA	Saudi Arabia
ET	Ethiopia	SN	Senegal
FK	Falkland Islands (Malvinas)	RS	Serbia
FO	Faroe Islands	SC	Seychelles
FJ	Fiji	SL	Sierra Leone
FI	Finland	SG	Singapore
FR	France	SX	Sint Maarten (Dutch part)
GF	French Guiana	SK	Slovakia
PF	French Polynesia	SI	Slovenia
TF	French Southern Territories	SB	Solomon Islands
GA	Gabon	SO	Somalia
GM	Gambia	ZA	South Africa
GE	Georgia	GS	South Georgia and the South Sandwich Islands
DE	Germany	SS	South Sudan
GH	Ghana	ES	Spain
GI	Gibraltar	LK	Sri Lanka
GR	Greece	SD	Sudan
GL	Greenland	SR	Suriname
GD	Grenada	SJ	Svalbard and Jan Mayen
GP	Guadeloupe	SE	Sweden
GU	Guam	CH	Switzerland
GT	Guatemala	SY	Syrian Arab Republic
GG	Guernsey	TW	Taiwan, Province of China
GN	Guinea	TJ	Tajikistan

GW	Guinea-Bissau	TZ	Tanzania, United Republic of
GY	Guyana	TH	Thailand
HT	Haiti	TL	Timor-Leste
HM	Heard Island and McDonald Islands	TG	Togo
VA	Holy See	TK	Tokelau
HN	Honduras	TO	Tonga
HK	Hong Kong,China	TT	Trinidad and Tobago
HU	Hungary	TN	Tunisia
IS	Iceland	TR	Turkey
IN	India	TM	Turkmenistan
ID	Indonesia	TC	Turks and Caicos Islands
IR	Iran (Islamic Republic of)	TV	Tuvalu
IQ	Iraq	UG	Uganda
IE	Ireland	UA	Ukraine
IM	Isle of Man	AE	United Arab Emirates
IL	Israel	GB	United Kingdom of Great Britain and Northern Ireland
IT	Italy	UM	United States Minor Outlying Islands
JM	Jamaica	US	United States of America
JP	Japan	UY	Uruguay
JE	Jersey	UZ	Uzbekistan
JO	Jordan	VU	Vanuatu
KZ	Kazakhstan	VE	Venezuela (Bolivarian Republic of)
KE	Kenya	VN	Viet Nam
KI	Kiribati	VG	Virgin Islands (British)
KP	Korea (Democratic People's Republic of)	VI	Virgin Islands (U.S.)
KR	Korea (Republic of)	WF	Wallis and Futuna
KW	Kuwait	EH	Western Sahara
KG	Kyrgyzstan	YE	Yemen
LA	Lao People's Democratic Republic	ZM	Zambia
LV	Latvia	ZW	Zimbabwe
LB	Lebanon		

6.3.2. 币种 Currency

Currency Code	Currency Name
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AED	阿联酋迪拉姆 United Arab Emirates Dirham
AUD	澳大利亚元 Australian Dollar
BRL	巴西雷亚尔 Brazilian Real
CAD	加拿大元 Canadian Dollar
CHF	瑞士法郎 Swiss Franc
CNY	人民币元 Chinese Yuan
EUR	欧元 Euro
GBP	英镑 Pounds Sterling
HKD	港元 Hong Kong Dollars
IDR	印尼盾 Rupiah
JPY	日圆 Japanese Yen
KRW	韩圆 South Korean Won
MXN	墨西哥比索 Mexican Peso
MYR	马来西亚令吉 Malaysian Ringgit
NGN	尼日利亚奈拉 Naira
NPR	尼泊尔卢比 Nepalese Rupee
NZD	新西兰元 New Zealand Dollar
SGD	新加坡元 Singapore Dollar
THB	泰铢 Baht
INR	印度卢比 India rupee
USD	美元 US Dollar

6.3.3. 州 State

Country code	State code	State name
US	DE	Delaware
	HI	Hawaii
	PR	Puerto Rico
	TX	Texas
	PW	Palau
	MA	Massachusetts
	MD	Maryland
	IA	Iowa
	ME	Maine
	ID	Idaho
	MH	Marshall Islands
	MI	Michigan
	UT	Utah

AA	Armed Forces Americas
MN	Minnesota
MO	Missouri
IL	Illinois
MP	Northern Mariana Islands
AE	Armed Forces Europe
IN	Indiana
MS	Mississippi
MT	Montana
AK	Alaska
AL	Alabama
VA	Virginia
AP	Armed Forces Pacific
AR	Arkansas
AS	American Samoa
VI	Virgin Islands
NC	North Carolina
ND	North Dakota
NE	Nebraska
RI	Rhode Island
AZ	Arizona
NH	New Hampshire
NJ	New Jersey
VT	Vermont
NM	New Mexico
FL	Florida
FM	Federated States of Micronesia
NV	Nevada
WA	Washington
NY	New York
SC	South Carolina
SD	South Dakota
WI	Wisconsin
OH	Ohio
GA	Georgia
OK	Oklahoma
CA	California
WV	West Virginia
WY	Wyoming

	OR	Oregon
	KS	Kansas
	CO	Colorado
	GU	Guam
	KY	Kentucky
	CT	Connecticut
	PA	Pennsylvania
	LA	Louisiana
	TN	Tennessee
	DC	District of Columbia
BR	AC	Acre
	CE	Ceará
	MS	Mato Grosso do Sul
	MT	Mato Grosso
	GO	Goiás
	AL	Alagoas
	AM	Amazonas
	ES	Espírito Santo
	AP	Amapá
	VIC	Victoria
	PA	Pará
	ACT	Australian Capital Territory
	PB	Paraíba
	NSW	New South Wales
	PE	Pernambuco
	RJ	Rio de Janeiro
	PI	Piauí
	TO	Tocantins
	RN	Rio Grande do Norte
	RO	Rondônia
	BA	Bahia
CA	AB	Alberta
	BC	British Columbia
	NS	Nova Scotia
	NT	Northwest Territories
	NU	Nunavut
	QC	Quebec
	NB	New Brunswick
	MB	Manitoba

	PE	Prince Edward Island
	SK	Saskatchewan
	YT	Yukon
	NL	Newfoundland and Labrador
	ON	Ontario

6.3.4. 订单 MCC

一级分类	二级分类	MCC
Virtual goods	Game digital entertainment	5816
Virtual goods	Network virtual service	5815
Virtual goods	To promote sales	5310
Virtual goods	Travel ticket	4722
Virtual goods	lottery	9406
Virtual goods	Intermediary/consulting services	7277
Virtual goods	Life service	7230
Virtual goods	More credit	4814
Virtual goods	Electronic gift card vouchers	7997
Virtual goods	Rental cars	4121
Virtual goods	The gas card is recharged	5541
Virtual goods	Entertainment ticketing	7922
Virtual goods	Network social platform	7993
Virtual goods	Virtual class others	7999
Virtual goods	Business travel tickets	4722
Virtual goods	The hotel	7011
Virtual goods	The insurance company	6300
Virtual goods	Technology development/software services	5734
Virtual goods	credit	6012
Virtual goods	Car rental business	3351
Virtual goods	Consumption in installment	6012
Virtual goods	Logistics service	4215
Virtual goods	Rental business	6513
Virtual goods	decorate	7217
Virtual goods	Intellectual property rights	7993
Virtual goods	lease	7394
Virtual goods	Recycling business	5931
Virtual goods	Education/fees	8220
Virtual goods	Utility bill	7392
Virtual goods	Public welfare charity	8398

Virtual goods	Medical services	5047
Physical goods	Clothing accessories	5137
Physical goods	Books/videos/stationery	5192
Physical goods	Digital home appliances	5722
Physical goods	Gifts/health care products	5947
Physical goods	drug	5122
Physical goods	Collection/crafts	5970
Physical goods	Food/agricultural products	5499
Physical goods	The direct selling company	5964
Physical goods	Machinery and equipment	5072
Physical goods	Cosmetics/skin care	5977
Physical goods	jewelry	5094
Physical goods	Comprehensive shopping mall	5311
Physical goods	Chemical goods	5169
Physical goods	wholesale	5300
Physical goods	Object class others	5131
Physical goods	The real estate	6513
Physical goods	Car sales	5511
Virtual goods	Game digital entertainment	other
Physical goods	Tent and awning shops	5998
Physical goods	Computers, computer peripheral equipment - not elsewhere classified	5045
Physical goods	Hardware shops	5251
Physical goods	Automotive parts and accessories outlets	5533
Physical goods	Men's and boys' clothing and accessory shops	5611
Physical goods	Women's ready-to-wear shops	5621
Physical goods	Women's accessory and speciality shops	5631
Physical goods	Children's and infants' wear shops	5641
Physical goods	Sports and riding apparel shops	5655
Physical goods	Men's and women's clothing shops	5691
Physical goods	Furniture, home furnishings and equipment shops and manufacturers, except appliances	5712
Physical goods	Electronic Sales	5732
Physical goods	Hobby, toy and game shops	5945
Physical goods	Lawn and garden supplies outlets, including nurseries	5261
Physical goods	Shoe shops	5661
Physical goods	Camera and photographic supply shops	5946

Physical goods	Stationery, office supplies and printing and writing paper	5111
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6.3.5. 返回码 Return Code

http status code	return_code	return_msg
200	SUCCESS	Success
400	INVALID_PARAMETER	<parameter name> is empty or incorrect
401	INVALID_SIGNATURE	Invalid signature
	INVALID_MERCHANT	Invalid merchant id
	INVALID_SECONDARY_MERCHANT	Invalid secondary merchant id
	IP_NOT_AUTHORIZED	Merchant IP is not authorized
	INACTIVE_MERCHANT	The Merchant is inactive, please contact our support
403	CUSTOMER_HAS_RESTRICTIONS	This transaction could not be completed at this moment, please try again later or try a different payment method.
	ANNUAL_LIMIT_EXCEEDED	The Customer has exceeded the annual limit. For him to continue shopping, send proof of income to request limit increase
	BOLETO_LIMIT_EXCEEDED	The Customer can only order up to <payment currency> <max payment amount> per transaction or per month in payments via boleto
	FX_TRANSACTION_LIMIT_EXCEEDED	The Customer can only order up to <settlement currency> <max settlement amount> per transaction

404	HTTP_NOT_FOUND	HTTP 404 Not Found
	OBJECT_NOT_FOUND	<object name> not found
409	EXISTING_OBJECT	<object name> <id> already exists
	PAYMENT_COMPLETED	Order <order id> is paid
	PAYMENT_CLOSED	Order <order id> is closed
	SHIPMENT_CONFIRMED	Shipment is already confirmed
422	REFUND_AMOUNT_EXCEEDED	The refund amount can not be greater than the amount of the order previously paid
	NON_REFUNDABLE_ORDER	The Current order status does not allow a refund
	REFUND_ALREADY_REQUESTED	The refund of this order has already been requested.
	INSUFFICIENT_BALANCE	Merchant does not have enough balance for this operation
	NON_REISSUABLE_PAYMENT	Can not reissue order payment due to inconsistent order information
	ERROR_DURING_ORDER_PROCESSING	An error occurred during order processing, please try again later
	SYSTEM_BUSY	System busy
	INTERNAL_SERVER_ERROR	System error

6.3.6. 承运商 Carrier List

carrier code	carrier name	carrier name (中文)
fedex	Fedex	Fedex-联邦快递
dhl	DHL	DHL
ups	UPS	UPS
tnt	TNT	TNT

china-post	China Post	中国邮政
china-ems	China EMS	中国 EMS
hong-kong-post	Hong Kong Post	香港邮政
singapore-post	Singapore Post	新加坡邮政(小包)
swiss-post	Swiss Post	瑞士邮政
usps	USPS	美国邮政
royal-mail	United Kingdom Royal Mail	英国皇家邮政
postnl-parcels	Netherlands Post - PostNL	荷兰邮政-PostNL
canada-post	Canada Post	加拿大邮政
australia-post	Australia Post	澳大利亚邮政
new-zealand-post	New Zealand Post	新西兰邮政
parcel-force	Parcel Force	英国邮政 parcelforce
belgium-post	Bpost	比利时邮政
brazil-correios	Brazil Correios	巴西邮政
russian-post	Russian Post	俄罗斯邮政
sweden-posten	Sweden Posten	瑞典邮政
laposte	La Poste	法国邮政-La Poste
poste-italiane	Poste Italiane	意大利邮政
aland-post	Åland Post	奥兰群岛芬兰邮政
afghan-post	Afghan Post	阿富汗邮政
posta-shqiptare	Albania Post	阿尔巴尼亚邮政
andorra-post	Andorra Post	安道尔邮政
antilles-post	Antilles Post	荷属安的列斯荷兰邮政
correo-argentino	Argentina Post	阿根廷邮政
armenia-post	Armenia Post	亚美尼亚邮政
aruba-post	Aruba Post	阿鲁巴邮政
australia-ems	Australia EMS	澳大利亚 EMS
austria-post	Austrian Post	奥地利邮政
azerbaijan-post	Azerbaijan Post	阿塞拜疆邮政
bahrain-post	Bahrain Post	巴林邮政
bangladesh-ems	Bangladesh EMS	孟加拉国 EMS
barbados-post	Barbados Post	巴巴多斯邮政
belpochta	Belarus Post	白俄罗斯邮政
belize-post	Belize Post	伯利兹邮政
benin-post	Benin Post	贝宁邮政
bermuda-post	Bermuda Post	百慕大邮政
bhutan-post	Bhutan Post	不丹邮政

correos-bolivia	Bolivia Post	玻利维亚邮政
bosnia-and-herzegovina-post	Bosnia And Herzegovina Post	波黑邮政
botswana-post	Botswana Post	博茨瓦纳邮政
brunei-post	Brunei Post	文莱邮政
bulgaria-post	Bulgaria Post	保加利亚邮政
sonapost	Burkina Faso Post	布基纳法索邮政
burundi-post	Burundi Post	布隆迪邮政
cambodia-post	Cambodia Post	柬埔寨邮政
campost	Cameroon Post	喀麦隆邮政
campost	Cameroon Post	喀麦隆邮政
correos-chile	Correos Chile	智利邮政
colombia-post	Colombia Post	哥伦比亚邮政
correos-de-costa-rica	Costa Rica Post	哥斯达黎加邮政
hrvatska-posta	Croatia Post	克罗地亚邮政
cuba-post	Cuba Post	古巴邮政
cyprus-post	Cyprus Post	塞浦路斯邮政
czech-post	Česká Pošta	捷克邮政
denmark-post	Denmark post	丹麦邮政
correos-del-ecuador	Ecuador Post	厄瓜多尔邮政
egypt-post	Egypt Post	埃及邮政
el-salvador-post	El Salvador Post	萨尔瓦多邮政
eritrea-post	Eritrea Post	厄立特里亚邮政
omniva	Estonia Post	爱沙尼亚邮政
ethiopia-post	Ethiopia Post	埃塞俄比亚邮政
faroe-islands-post	Faroe Islands Post	法罗群岛邮政
fiji-post	Fiji Post	斐济邮政
finland-posti	Finland Post – Posti	芬兰邮政-Posti
colissimo	Colissimo	法国邮政-Colissimo
chronopost	France EMS – Chronopost	法国 EMS-Chronopost
georgian-post	Georgia Post	格鲁吉亚邮政
deutsche-post	Deutsche Post	德国邮政
ghana-post	Ghana Post	加纳邮政
gibraltar-post	Gibraltar Post	直布罗陀邮政
greece-post	ELTA Hellenic Post	希腊邮政
tele-post	Greenland Post	格陵兰岛邮政
elcorreo	Guatemala Post	危地马拉邮政
guernsey-post	Guernsey Post	根西岛邮政

magyar-posta	Magyar Posta	匈牙利邮政
iceland-post	Iceland Post	冰岛邮政
india-post	India Post	印度邮政
indonesia-post	Indonesia Post	印度尼西亚邮政
iran-post	Iran Post	伊朗邮政
an-post	An Post	爱尔兰邮政
israel-post	Israel Post	以色列邮政
ivory-coast-ems	Ivory Coast EMS	科特迪瓦 EMS
jamaica-post	Jamaica Post	牙买加邮政
japan-post	Japan Post	日本邮政
jordan-post	Jordan Post	约旦邮政
kazpost	Kazakhstan Post	哈萨克斯坦邮政
kenya-post	Kenya Post	肯尼亚邮政
korea-post	Korea Post	韩国邮政
kyrgyzpost	Kyrgyzstan Post	吉尔吉斯斯坦邮政
laos-post	Laos Post	老挝邮政
latvijas-pasts	Latvia Post	拉脱维亚邮政
liban-post	Lebanon Post	黎巴嫩邮政
lesotho-post	Lesotho Post	莱索托邮政
liechtenstein-post	Liechtenstein Post	列支敦士登邮政
lietuvos-pastas	Lithuania Post	立陶宛邮政
luxembourg-post	Luxembourg Post	卢森堡邮政
macao-post	Macao Post	澳门邮政
macedonia-post	Macedonia Post	马其顿邮政
malaysia-post	Malaysia Post	马来西亚邮政
maldives-post	Maldives Post	马尔代夫邮政
malta-post	Malta Post	马耳他邮政
mauritius-post	Mauritius Post	毛里求斯邮政
correos-mexico	Mexico Post	墨西哥邮政
moldova-post	Moldova Post	摩尔多瓦邮政
la-poste-monaco	Monaco Post	摩纳哥邮政
monaco-ems	Monaco EMS	摩纳哥 EMS
mongol-post	Mongol Post	蒙古邮政
posta-crne-gore	Montenegro Post	黑山邮政
poste-maroc	Maroc Poste	摩洛哥邮政
namibia-post	Namibia Post	纳米比亚邮政
netherlands-post	Netherlands Post	荷兰邮政(大包)
new-caledonia-post	New Caledonia Post	新喀里多尼亚邮政
nicaragua-post	Nicaragua Post	尼加拉瓜邮政

nigeria-post	Nigeria Post	尼日利亚邮政
posten-norge	Posten Norge	挪威邮政
oman-post	Oman Post	阿曼邮政
overseas-territory-fr-ems	Overseas Territory FR EMS	海外领地法国 EMS
overseas-territory-us-post	Overseas Territory US Post	海外领地美国邮政
pakistan-post	Pakistan Post	巴基斯坦邮政
correos-panama	Panama Post	巴拿马邮政
postpng	Papua New Guinea Post	巴布亚新几内亚邮政
correo-paraguay	Paraguay Post	巴拉圭邮政
serpost	Serpost	秘鲁邮政
phlpost	Philippines Post	菲律宾邮政
poczta-polska	Poland Post	波兰邮政
ctt	Portugal Post - CTT	葡萄牙邮政-CTT
posta-romana	Poșta Română	罗马尼亚邮政
iposita-rwanda	Rwanda Post	卢旺达邮政
saint-lucia-post	Saint Lucia Post	圣卢西亚邮政
svgpost	Saint Vincent And The Grenadines	圣文森特和格林纳丁斯
samoa-post	Samoa Post	西萨摩亚邮政
san-marino-post	San Marino Post	圣马力诺邮政
saudi-post	Saudi Post	沙特阿拉伯邮政
senegal-post	Senegal Post	塞内加尔邮政
serbia-post	Serbia Post	塞尔维亚邮政
seychelles-post	Seychelles Post	塞舌尔邮政
slovakia-post	Slovakia Post	斯洛伐克邮政
slovenia-post	Slovenia Post	斯洛文尼亚邮政
solomon-post	Solomon Post	所罗门群岛邮政
south-africa-post	South African Post Office	南非邮政
correos-spain	Correos	西班牙邮政
sri-lanka-post	Sri Lanka Post	斯里兰卡邮政
sudan-post	Sudan Post	苏丹邮政
syrian-post	Syrian Post	叙利亚邮政
taiwan-post	Taiwan Post	台湾邮政
tanzania-post	Tanzania Post	坦桑尼亚邮政
thailand-post	Thailand Post	泰国邮政
togo-post	Togo Post	多哥邮政

tonga-post	Tonga Post	汤加邮政
tunisia-post	Tunisia Post	突尼斯邮政
turkey-post	Turkey Post	土耳其邮政
uganda-post	Uganda Post	乌干达邮政
ukraine-post	Ukraine Post	乌克兰邮政
ukraine-ems	Ukraine EMS	乌克兰 EMS
emirates-post	Emirates Post	阿联酋邮政
uruguay-post	Uruguay Post	乌拉圭邮政
uzbekistan-post	Uzbekistan Post	乌兹别克斯坦邮政
vanuatu-post	Vanuatu Post	瓦努阿图邮政
vietnam-post	Vietnam Post	越南邮政
yemen-post	Yemen Post	也门邮政
zambia-post	Zambia Post	赞比亚邮政
zimbabwe-post	Zimbabwe Post	津巴布韦邮政
singapore-speedpost	Singapore Speedpost	新加坡特快专递
yanwen	YANWEN	燕文
glsl	GLS	GLS
bartolini	BRT Bartolini	BRT Bartolini
dpd	DPD	DPD
sfb2c	SF International	顺丰国际
aramex	Aramex	Aramex
toll	TOLL	TOLL
dhl-germany	Deutsche Post DHL	德国 DHL
4px	4PX	递四方
flytexpress	Flyt Express	飞特物流
yunexpress	Yun Express	云途物流
oneworldexpress	One World Express	万欧国际
dhlparcel-nl	DHL Parcel Netherlands	荷兰 DHL
dhl-poland	DHL Poland Domestic	波兰 DHL
dhl-es	DHL Spain Domestic	西班牙 DHL
tnt-it	TNT Italy	意大利 TNT
tnt-fr	TNT France	法国 TNT
dpd-uk	DPD UK	DPD UK
tnt-uk	TNT UK	TNT UK
glsl-italy	GLS Italy	意大利 GLS
toll-ipec	Toll IPEC	Toll IPEC
asendia-usa	Asendia USA	Asendia USA
asendia-uk	Asendia UK	Asendia UK
yodel	Yodel	Yodel

asendia-de	Asendia Germany	Asendia Germany
kerry-logistics	Kerry Express	嘉里大通物流
xru	XRU	XRU-俄速递
dpex	DPEX	DPEX
ruston	Ruston	Ruston 俄速通
upu	UPU	UPU
bluedart	Bluedart	Bluedart
dtcd	DTDC	DTDC
gojavas	GoJavas	GoJavas
first-flight	First Flight	First Flight
gati-kwe	Gati-KWE	Gati-KWE
rosan	ROSAN EXPRESS	中乌融盛速递
wsgd-logistics	WSGD Logistics	WSGD 物流
wishpost	WishPost	Wish 邮
sto	STO Express	申通快递
yto	YTO Express	圆通快递
zto	ZTO Express	中通快递
dhlglobalmail	DHL ECommerce	DHL 电子商务
dsv	DSV	DSV
echo	Echo	Echo
dpd-ireland	DPD Ireland	爱尔兰 DPD
ontrac	OnTrac	OnTrac
purolator	Purolator	Purolator
fastway-nz	Fastway New Zealand	新西兰 Fastway
fastway-au	Fastway Australia	澳大利亚 Fastway
fastway-ie	Fastway Ireland	爱尔兰 Fastway
i-parcel	I-parcel	I-parcel
lasership	Lasership	Lasership
skynetworldwide	SkyNet Worldwide Express	SkyNet 国际快递
pfcexpress	PFC Express	PFC 皇家物流
nexive	Nexive	Nexive
overnitenet	Overnite Express	Overnite 印度快递
rl-carriers	RL Carriers	RL Carriers
nanjingwoyuan	Nanjing Woyuan	南京沃源
lwehk	LWE	LWE
hhexp	Hua Han Logistics	华翰物流
envialia	Envialia	Envialia
canpar	Canpar Courier	Canpar Courier

17postservice	17 Post Service	17 Post Service
delcart-in	Delcart	Delcart
citylinkexpress	City-Link Express	City-Link(信递联)
2go	2GO	2GO
xend	Xend Express	Xend
air21	AIR21	AIR21
airspeed	Airspeed International Corporation	Airspeed International Corporation
raf	RAF Philippines	RAF Philippines
tiki	Tiki	Tiki
wahana	Wahana	Wahana
ghn	Giao Hàng Nhanh	Giao Hàng Nhanh
viettelpost	Viettel Post	Viettel Post
dotzot	Dotzot	Dotzot
kangaroo-my	Kangaroo Worldwide Express	Kangaroo Worldwide Express
cuckooexpress	Cuckoo Express	布谷鸟速递
maxcellents	Maxcellents Pte Ltd	Maxcellents Pte Ltd
nationwide-my	Nationwide Express	Nationwide Express
rpxonline	RPX Online	RPX 保时达国际快递
nhans-solutions	Nhans Solutions	Nhans Solutions
jet-ship	Jet-Ship Worldwide	Jet-Ship Worldwide
ecargo-asia	Ecargo	Ecargo
delhivery	Delhivery	Delhivery
nuvoex	NuvoEx	NuvoEx
parcelled-in	Parcelled.in	Parcelled.in
ecom-express	Ecom Express	Ecom Express
gdex	GDEX	GDEX
skynet	SkyNet Malaysia	SkyNet
sfcservice	SFC Service	三态速递
ec-firstclass	EC-Firstclass	EC-Firstclass
wedo	WeDo Logistics	WeDo Logistics
jcex	JCEX	JCEX 佳成
cnexps	CNE Express	CNE 国际快递
equick-cn	Equick China	EQUICK 国际快递
empsexpress	EMPS Express	EMPS Express
cpacket	CPacket	CPacket
dpe-express	DPE Express	递必易
bondscouriers	Bonds Couriers	Bonds Couriers

courierpost	CourierPost	CourierPost
acommerce	ACOMMERCE	ACommerce
139express	139 ECONOMIC Package	139 快递
ubi-logistics	UBI Logistics	UBI Logistics
directfreight-au	Direct Freight	Direct Freight 快递
mrw-spain	MRW	MRW
packlink	Packlink	Packlink
colis-prive	Colis Privé	Colis Privé
dmm-network	DMM Network	DMM Network
opek	FedEx Poland Domestic	波兰 FedEx
sgt-it	SGT Corriere Espresso	SGT Corriere Espresso
kgmhub	KGM Hub	KGM Hub
qxpress	Qxpress	Qxpress
parcel-express	Parcel Express	Parcel Express
srekorea	SRE Korea	SRE Korea
taqbin-jp	Yamato Japan	Yamato 宅急便
sagawa	Sagawa	佐川急便 Sagawa
abxexpress-my	ABX Express	ABX Express
mypostonline	Mypostonline	Mypostonline
jam-express	Jam Express	Jam Express
jayonexpress	Jayon Express (JEX)	Jayon Express (JEX)
rpx	RPX Indonesia	RPX Indonesia
raiderex	RaidereX	RaidereX
rzyexpress	RZY Express	RZY Express
airpak-express	Airpak Express	Airpak Express
lbcexpress	LBC Express	LBC Express
pandulogistics	Pandu Logistics	Pandu Logistics
fedex-uk	FedEx UK	英国 FedEx
collectplus	Collect+	Collect+
skynetworldwide-uk	Skynet Worldwide Express UK	Skynet Worldwide Express UK
hermes	Hermesworld	Hermesworld
nightline	Nightline	Nightline
apc	APC Postal Logistics	APC Postal Logistics
newgistics	Newgistics	Newgistics
old-dominion	Old Dominion Freight Line	Old Dominion Freight Line
estes	Estes	Estes
greyhound	Greyhound	Greyhound

globegistics	Globegistics Inc	Globegistics Inc
tgx	TGX	TGX 精英速运
zjs-express	ZJS International	宅急送快递
hermes-de	Hermes Germany	德国 Hermes
international-seur	International Seur	International Seur
trakpak	TrakPak	TrakPak
matkahuolto	Matkahuolto	Matkahuolto
acscourier	ACS Courier	ACS Courier
dpd-poland	DPD Poland	波兰 DPD
taxydromiki	Geniki Taxydromiki	Geniki Taxydromiki
adiconal	Adiconal Logistics	Adiconal Logistics
cbl-logistica	CBL Logistics	CBL Logistics
redur-es	Redur Spain	Redur Spain
siodemka	Siodemka	Siodemka
exapaq	Exapaq	Exapaq
cainiao	Aliexpress Standard Shipping	速卖通线上物流
ets-express	ETS Express	俄通收
al8856	Ali Business Logistics	阿里电商物流
anjon	Anjon Logistics	安骏物流
quantum	Quantum	冠庭国际物流
xqwl	XQ Express	星前物流
alpha-fast	Alpha Fast	Alpha Fast 快递
omniparcel	Omni Parcel	Omni Parcel 快递
cdek	CDEK Express	CDEK 快递
trackon	Trackon Courier	Trackon
yunda	Yunda Express	韵达快递
postnl-3s	PostNL International 3S	PostNL International 3S
adsone	ADSOne	ADSOne 快递
landmark-global	Landmark Global	Landmark Global 快递
thecourierguy	The Courier Guy	The Courier Guy
smsa-express	SMSA Express	SMSA 快递
sf-express	S.F Express	顺丰速递
sf-express	S.F Express	顺丰速递
buylogic	Buylogic	捷买送
inpost-paczkomaty	InPost Paczkomaty	InPost Paczkomaty
star-track	Star Track Express	Star Track 快递
qfkd	QFKD Express	全峰快递
jd	JD Express	京东快递

ttkd	TTKD Express	天天快递
deppon	DEPPON	德邦物流
cacesapostal	Cacesa Postal	Cacesa 南美专线
chukoul	Chukoul Logistics	出口易
arrowxl	Arrow XL	Arrow XL
xdp-uk	XDP Express	XDP Express
imexglobalsolutions	IMEX Global Solutions	IMEX Global Solutions
easy-mail	Easy Mail	Easy Mail
idexpress	IDEX	IDEX
rrdonnelley	RR Donnelley	RR Donnelley
con-way	Con-way Freight	Con-way Freight
ninjava	Ninja Van	Ninja Van
speedexcourier	Speedex Courier	Speedex Courier
expeditors	Expeditors	Expeditors
spsr	SPSR	中俄快递 SPSR
chronopost-portugal	Chronopost Portugal	Chronopost Portugal
dwz	DWZ Express	递五洲国际物流
xpressbees	XpressBees	XpressBees
courier-it	Courier IT	Courier IT
specialised-freight	Specialised Freight	Specialised Freight
ups-mi	UPS Mail Innovations	UPS Mail Innovations
dpe-south-africa	DPE South Africa	DPE South Africa
dawn-wing	Dawn Wing	Dawn Wing
fastrak-services	Fastrak Services	Fastrak Services
nova-poshta	Nova Poshta	Nova Poshta
md-express	MC Express	茂聪国际物流
uc-express	UC Express	优速快递
takesend	Takesend Logistics	泰嘉物流
dhl-parcel-nl	DHL Netherlands	DHL Netherlands
roadbull	Roadbull Logistics	Roadbull Logistics
dhl-benelux	DHL Benelux	DHL Benelux
tk-kit	Tk Kit	Tk Kit
abf	ABF Freight	ABF Freight
couriers-please	Couriers Please	Couriers Please
cess	Cess	国通快递
bestex	Best Express	百世快递
gofly	Gofly	Gofly
sinoair	SINOAIR	中外运
italy-sda	Italy SDA	意大利 SDA

t-cat	T Cat	黑猫宅急便
fastgo	Fastgo	速派快递 FastGo
pca	PCA	PCA
ftd	FTD Express	富腾达快递
shipgce	Shipgce Express	飞洋快递
wise-express	Wise Express	万色速递
cnpex	Cnpex	中邮快递
lhcan	lhcan	1 号仓
tea-post	Tea post	亚欧快运 TEA
sunyou	Sunyou	顺友物流
dhlecommerce-asia	DHL Global Mail Asia	DHL Global Mail Asia
dhl-active	DHL Active Tracing	DHL Active Tracing
tnt-reference	TNT Reference	TNT Reference
j-net	J-NET Express	J-NET 捷网
jiayi56	Jiayi Express	佳怡物流
deltec-courier	Deltec Courier	Deltec Courier
miuson-international	Miuson Express	深圳森信国际物流
espeedpost	Espeedpost	易速国际物流
asendia-hk	Asendia HK	Asendia HK
gaticn	GATI Courier	GATI 上海迦递
szdpex	DPEX China	DPEX 国际快递（中国）
tnt-click	TNT Click	TNT Click
rufengda	Rufengda	如风达
mailamericas	MailAmericas	MailAmericas
far800	Far International Logistics	泛远国际物流
winit	Winit	winit 万邑通
360zebra	360zebra	斑马物联网
auexpress	Auexpress	澳邮中国快运 AuExpress
freakyquick	freaky quick logistics	FQ 狂派速递
sure56	Sure56	速尔快递
kye	KUAYUE EXPRESS	跨越速运
kjkd	Fast Express	快捷快递
fetchr	Fetchr	Fetchr
flywayex	Flyway Express	程光快递
china-russia56	China Russia56	俄必达 A79
efspost	EFSPost	平安快递
eyoupost	Eyou800	易友通

fd-express	FD Express	方递物流
zes-express	ESHUN International Logistics	俄顺国际物流
utec	utec	UTEC 瞬移达
jiaji	CNEX	佳吉物流
xdexpress	XDEXPRESS	迅达速递
xdexpress	XDEXPRESS	迅达速递
13-ten	13ten	13ten
138sd	138sd	泰国 138 快递
kwt56	KWT Express	京华达物流
wiseloads	wiseloads	wiseloads 快递
wndirect	wndirect	wndirect 快递
eurodis	Eurodis	Eurodis 快递
matdespatch	Matdespatch	Matdespatch 快递
tnt-au	TNT Australia	澳大利亚 TNT
yakit	yakit	yakit 快递
taqbin-hk	TAQBIN HongKong	香港宅急便
ubonex	UBon Express	优邦速运
8dt	Profit Fields	永利八达通
2uex	2U Express	优优速递
ane66	Ane Express	安能物流
aus	Ausworld Express	澳世速递
ewe	EWE global express	EWE 全球快递
huidaex	Huida Express	美国汇达快递
allekurier	allekurier	AlleKurier
transrush	Transrush	转运四方
ste56	Suteng Logistics	速腾快递
qexpress	QEXPRESS	新西兰易达通
chinz56	CHINZ LOGISTICS	秦远物流
dpd-hk	DPD (HK)	香港 DPD
ztky	Zhongtie logistic	中铁物流
idada56	Dada logistic	大达物流
jersey-post	Jersey Post	Jersey Post
ninjaván-my	Ninja Van Malaysia	Ninja Van （马来西亚）
ninjaxpress	Ninja Van Indonesia	Ninja Van （印度尼西亚）
ninjaván-ph	Ninja Van Philippines	Ninja Van （菲律宾）
ninjaván-th	Ninja Van Thailand	Ninja Van （泰国）
saicheng	Sai Cheng Logistics	赛诚国际物流
8europe	8europe	败欧洲

aplus100	A PLUS EXPRESS	美国汉邦快递
suyd56	SYD Express	速邮达物流
ocschina	OCS Express	OCS 国际快递
naqel	Naqel	Naqel
parcel	Pitney Bowes	Pitney Bowes
bsi	BSI express	佰事达
jayeek	Jayeek	Jayeek
blueskyexpress	Blue Sky Express	蓝天快递
blueskyexpress	Blue Sky Express	蓝天快递
safexpress	Safexpress	Safexpress
taqbin-my	TAQBIN Malaysia	TAQBIN 马来西亚
shree-tirupati	Shree Tirupati Courier	Shree Tirupati
imlb2c	IML Logistics	IML 艾姆勒
hivewms	HiveWMS	海沧无忧
uskyexpress	Uskyexpress	全酋通 Usky
arkexpress	Ark express	方舟国际速递
winlink	Winlink logistics	合联国际物流
xpresspost	Xpresspost	xpresspost
epacket	ePacket	e 邮宝
usps-international	USPS International	usps-international
dtcd-plus	DTDC Plus	DTDC Plus
dhl-hong-kong	DHL Hong Kong	香港 DHL
sgtwl	SGT Express	深港台物流
coe	COE	COE
sprintpack	SprintPack	SprintPack
lhtex	LHT Express	联昊通
wanbexpress	Wanb Express	万邦速达
kawa	Kawa	嘉华
kfy	iquick fish	快飞鱼
alljoy	Alljoy	Alljoy
logistics	WEL	世航通运 WEL
un-line	Un-line	Un-line
bab-ru	BAB international	北北国际
cnilink	CNILINK	CNILINK
hkdexpress	HKD	HKD
sxexpress	SX-Express	三象速递
jdplus	Jdplus	美国急递速递
showl	Showl	森鸿物流
sendle	Sendle	Sendle

bombino-express	Bombino Express	Bombino Express
iepost	iepost	iepost
whistl	Whistl	Whistl
dxdelivery	DX Delivery	DX Delivery
huilogistics	Hui Logistics	荟千物流
superoz	SuperOZ Logistics	速配鸥翼
leopardschina	Leopards Express	LWE 云豹
cbtsd	Better Express	北泰物流
overseas-logistics	Overseas Logistics	Overseas Logistics 印度快递
linexsolutions	Linex	Linex 快递
asmred	ASM	ASM
airwings-india	Airwings Courier Express India	Airwings Courier Express India
professional- couriers	The Professional Couriers (TPC)	The Professional Couriers (TPC)
mondialrelay	Mondial Relay	Mondial Relay
bt-exp	LJS	利佳顺
asiafly	AsiaFly	上海亚翔
hanjin	Hanjin Shipping	韩进物流
njfeibao	Flying Leopards Express	金陵飞豹快递
firstflightme	First Flight Couriers	First Flight Couriers
jet	JET	JET
360lion	360lion Express	纬狮物联网
hct	HCT Express	新竹物流 HCT
ldxpress	LDXpress	林道快递
doortodoor	CJ Logistics	韩国 CJ 物流
kuajingyihao	K1 Express	跨境壹号
qi-eleven	7-ELEVEN	7-ELEVEN
orangeconnex	ORANGE CONNEX	橙联股份
007ex	007EX	俄顺达
js-exp	JS EXPRESS	急速国际
gaopost	Gaopost	高翔物流
airfex	Airfex	亚风快递
dbschenker	DB Schenker	全球国际货运
ukmail	UK Mail	UK Mail
yht	Eshipping	一海通
myib	MyIB	MyIB
fulfillmen	Fulfillmen	Fulfillmen
tuffnells	tuffnells	tuffnells

turtle-express	Turtle express	海龟国际速递
ceva-logistics	CEVA Logistics	CEVA 物流
ubx-uk	UBX Express	UBX Express
shree-mahabali-express	Shree Mahabali Express	Shree Mahabali Express
ydhex	YDH	YDH 义达物流
quickway	Quickway	瞬程物流
yunlu	YL express	云路物流
kerryexpress	Kerry Express	Kerry Express
gel-express	GEL Express	GEL 快递
scorejp	Scorejp	中国流通王
ldlog	LD Logistics	龙迅国际物流
xpost	XPOST	XPOST
myaustrianpost	GmbH	澳邮欧洲专线平邮
cosex	Cosex	慧合物流
ht56	Hong Tai	鸿泰物流
elianpost	E-lian	易连供应链
btd56	Bao Tongda Freight Forwarding	深圳宝通达
shreemaruticourier	Shree Maruti Courier	Shree Maruti Courier
bqc	BQC	BQC 百千诚物流
hnfywl	Fang Yuan	方圆物流
kerry-tec	Kerry Tec	Kerry Tec
8256ru	BEL	BEL 北俄国际
cxc	CXC	CXC 物流
kke	King Kong Express	京广速递
800best	Best Express(logistic)	百世快运
sut56	Suto Logistics	速通物流
yji	YJI	延锦国际
speedpak	SpeedPAK	SpeedPAK 物流
zajil	Zajil	Zajil 快递
lgs	Lazada (LEX)	Lazada (LGS) 快递
dekun	Dekun	德坤物流
yimidida	YMDD	壹米滴答
ecpost	ECPOST	ECPOST
cre	CRE	中铁快运
famiport	Famiport	全家快递
e-can	Taiwan Pelican Express	台湾宅配通快递
meest	Meest Express	Meest 快递

boxc	Boxc Logistics	Boxc
ltian	Ltian	乐天国际
buffaloex	Buffalo	Buffalo
sjtsz	SJTSZ Express	盛吉泰快递
comlexpress	Come One express	商壹国际快递
grandslamexpress	Grand Slam Express	Grand Slam Express
lbexps	LiBang International Logistics	立邦国际物流
etotal	eTotal	eTotal 快递
ueq	UEQ	UEQ
hound	Hound Express	Hound Express
eparcel-kr	eParcel Korea	eParcel Korea
sumxpress	Sum Xpress	速玛物流
suning	SUNING	苏宁物流
dpd-de	DPD Germany	德国 DPD
ledii	Ledii	乐递供应链
hxgj56	Hanxuan international express	瀚轩国际物流
kjy	KJY Logistics	跨境翼物流
euasia	Euasias Express	EAX 欧亚专线
ldlexpress	IDL Express	e 递诺快递
uvan	UVAN Express	UVAN 宇环通快递
nippon	Nippon Express	Nippon 日本通运
ninjavm-vn	Ninja Van Vietnam	Ninja Van (越南)
guangchi	GuangChi Express	光驰国际物流

6.3.7. 详细原因 Decline_code

decline_code	Description	Description(中文)	Next Step	Next Step(中文)
authentication_required	The card was declined as the transaction requires authentication.	交易未授权	The payment should be attempted again. If it still cannot be processed, the customer needs to contact their card issuer.	请重新发起支付, 如果仍不成功, 请持卡人联系发卡银行

card_not_supported	The card does not support this type of purchase.	卡不支持此交易	The customer needs to contact their card issuer to make sure their card can be used to make this type of purchase.	请持卡人联系发卡银行开通此类交易
card_velocity_exceeded	The customer has exceeded the balance or credit limit available on their card.	超过信用额度	The customer should contact their card issuer for more information.	请持卡人联系发卡银行了解更多信息
currency_not_supported	The card does not support the specified currency.	不支持此币种交易	The customer needs to check with the issuer whether the card can be used for the type of currency specified.	请持卡人联系发卡银行了解更多信息
do_not_honor	The card has been declined for an unknown reason.	交易被发卡银行拒绝	The customer needs to contact their card issuer for more information.	请持卡人联系发卡银行了解更多信息
duplicate_transaction	A transaction with identical amount and credit card information was submitted very recently.	重复支付	Check to see if a recent payment already exists.	请检查是否有一笔相同的付款
expired_card	The card has expired.	卡已过期	The customer should use another card.	请换一张卡重新支付
incorrect_number	The card number is incorrect.	卡号错误	The customer should try again using the correct card number.	请输入正确的卡号并重新支付
incorrect_cvc	The CVC number is incorrect.	安全码错误	The customer should try again using the correct CVC.	请输入正确的安全码并重新支付

incorrect_zip	The ZIP/postal code is incorrect.	邮编错误	The customer should try again using the correct billing ZIP/postal code.	请输入正确的账单邮编并重新支付
insufficient_funds	The card has insufficient funds to complete the purchase.	金额不足	The customer should use an alternative payment method.	请换一张卡并重新支付
invalid_account	The card, or account the card is connected to, is invalid.	卡信息无效	The customer needs to contact their card issuer to check that the card is working correctly.	请持卡人联系发卡银行了解更多信息
invalid_amount	The payment amount is invalid, or exceeds the amount that is allowed.	金额错误	If the amount appears to be correct, the customer needs to check with their card issuer that they can make purchases of that amount.	请先检查金额是否正确，如果正确，请持卡人联系发卡银行了解更多信息
invalid_expiry_date	The expiration date is invalid.	有效日期格式错误	The customer should try again using the correct expiration date.	请输入正确的有效日期并重新支付
issuer_not_available	The card issuer could not be reached, so the payment could not be authorized.	无法识别发卡银行	The payment should be attempted again. If it still cannot be processed, the customer needs to contact their card issuer.	请重新发起支付，如果仍不成功，请持卡人联系发卡银行
pickup_card	The card cannot be used to make this payment (it is possible it has been reported lost or stolen).	卡无法交易	The customer needs to contact their card issuer for more information.	请持卡人联系发卡银行了解更多信息

processing_error	An error occurred while processing the card.	支付错误	The payment should be attempted again. If it still cannot be processed, try again later.	请等待一会并重新发起支付。
generic_decline	The card has been declined for an unknown reason.	发卡银行拒绝交易	The customer needs to contact their card issuer for more information.	请持卡人联系发卡银行了解更多信息

6.3.8. 前端 SDK 引入示例 Front-end SDK Use Demo

```

5.   <html>
6.   <head>
7.     <meta name="viewport" content="width=device-width,initial-scale=1.0,maximum-
      scale=1.0,user-scalable=no" />
8.     <style>
9.       p {
10.        margin: 5px 0;
11.      }
12.      p input {
13.        width: 200px
14.      }
15.      .ant-btn-primary {
16.        color: #fff;
17.        background-color: #1890ff;
18.        border-color: #1890ff;
19.        border: none;
20.        width: 100%;
21.        height: 40px;
22.        text-shadow: 0 -1px 0 rgba(0, 0, 0, 0.12);
23.        -webkit-box-shadow: 0 2px 0 rgba(0, 0, 0, 0.045);
24.        box-shadow: 0 2px 0 rgba(0, 0, 0, 0.045);
25.      }
26.    </style>
27.  </head>
28.
29.  <body style="margin: 0;">
30.    <h1>Iframe: </h1>
31.    <form method="post" id="payment-form" action="action">
32.      <div style="padding-left: 20px;">
33.        cardName:<p><input name="cardName" type="text" value="Jane Doe" /></p>
34.        cardCountry:<p><input name="cardCountry" type="text" value="US" /></p>
35.        cardCity:<p><input name="cardCity" type="text" value="US" /></p>
36.        cardLine1:<p><input name="cardLine1" type="text" value="US" /></p>
37.        cardLine2:<p><input name="cardLine2" type="text" value="yuedaxiang99" />
38.      </div>
39.        cardState:<p><input name="cardState" type="text" value="AL" /></p>

```

```

39.     cardPostcode:<p><input name="cardPostcode" type="text" value="84938-
      8372" /></p>
40.     email:<p><input name="email" type="text" value="mock-abc@abc.abc" /></p>
41.     <!-- cardToken 不显示在页面中, 只负责提交 -->
42.     cardToken: <p><input
      id="llpay_token" name="llpay_token" type="hidden" value="" /></p>
43.   </div>
44.   <div class="form-row">
45.     <!-- Used to display Element errors. You can move to anyway in this page -
      -->
46.     <div id="card-errors" style="color: #ff0000;padding: 0 15px;"></div>
47.
48.     <!-- A LianLian Element will be inserted here. -->
49.     <div id="card-element"></div>
50.   </div>
51.
52.   <div><button id="ant-btn-primary">Submit Payment</button></div>
53. </form>
54. </body>
55.
56. // Import llpay.min.js
57. <script src="./llpay.min.js"></script>
58. <script>
59.   // Get payment key
60.   const token = 'token'; // get from api in 5.2.11
61.   // Custom styling can be passed to options when creating an Element.
62.   var style = {
63.     // Add your base input styles here. For example:
64.     base: {
65.       backgroundColor: '#f8f8f8',
66.       borderColor: '#f1f1f1',
67.       color: '#bcbcbc',
68.       fontWeight: '400',
69.       fontFamily: 'Roboto, Open Sans, Segoe UI, sans-serif',
70.       fontSize: '14px',
71.       fontSmoothing: 'antialiased',
72.       floatLabelSize: '12px',
73.       floatLabelColor: '#333333',
74.       floatLabelWeight: '100',
75.     },
76.   };
77.   var elements = LLP.elements();
78.   // Create an instance of the card Element.
79.   var card = elements.create('card', { token, style: style, merchantUrl:
      window.location.href });
80.   const paymentForm = document.getElementById("payment-form");
81.
82.   // Add an instance of the card Element into the `card-element` <div>.
83.   card.mount('#card-element');
84.   var form = document.getElementById('payment-form');
85.
86.   var getCardTokenButton = document.getElementById('ant-btn-primary');
87.
88.   getCardTokenButton.addEventListener('click', function (ev) {
89.     ev.preventDefault();
90.     LLP.getValidateResult().then(res => {
91.       if (res && !res.validateResult) {
92.         console.log('校验不通过, 支付取消')
93.       } else {
94.         console.log('校验通过, 开始支付')

```

```
95.         LLP.confirmPay().then(function (result) {
96.             if(result && result.data){
97.                 let card_token = result.data;
98.                 document.getElementById('llpay_token').value = card_token;
99.                 // 把数据发送到后端，后端发起支付
100.                form.submit();
101.            }
102.        });
103.    }
104. })
105. });
106. </script>
107. </html>
```