Sulifu77 PAY
对接文件-Docking document

版本纪录 Revision History

修订日期 revision date	修订内容 revised content	修订人员 reviser	版本 version
2020-09-22	初版－first edition	Chen	1.0
2021-12-01	更版－update	Ya	2.0
2022-12-20	更版－update	Lin	2.1
2022-12-27	新增英文说明－add English description	Quinny	2.2
2023-08-30	支付接口调整 - Payment interface adjustment	Ya	2.3
2023-09-04	支付接口调整 - Payment interface adjustment	Ya	2.4
2023-10-06	更新通道代码 - Update channel code	Lin	2.5
2024-03-01	代付接口调整 - Withdrawal interface adjustment	Ding	2.6
2024-03-26	更新通道代码 - Update channel code	Lin	2.7

*文字编码(character code)：UTF-8
*接口密钥(API key)：请向平台申请－Please apply to the platform
*接口URL(API url)：请向平台申请－Please apply to the platform

1.支付 Deposit

1.1. 支付接口 Apply for deposit

uri	apiUrl/pay/createOrder			
method	通過Form表單以POST方式遞交 use form-data method to send post data			

参数名 name	参数变量名 variable name	必填 required	型态 type	说明 description
商户号 Merchant ID	merNo	Y	String(50)	商户注册签约后，支付平台分配的唯一标识号 After merchant registration, the unique identification number assigned by the payment platform
商户订单号 Merchant order number	tradeNo	Y	String(36)	由商户系统生成的唯一订单编号,例如：mer20200922394773 The unique order number generated by the merchant system, for example：mer20200922394773
通道类型 channel Type	cType	Y	String(32)	参见附录中的通道类型对照表 Please refer to the channel type comparison table in the appendix
银行代码 bank code	bankCode	N	String(16)	参见附录中的银行编码对照表。若无指定银行,请带入空值 新加坡-窗口有要求，此栏位必填 Please refer to the bank code comparison table in the appendix. If there is no designated bank, please enter a null value If the system requires merchant to provide it, please enter the value
金额 order amount	orderAmount	Y	Float	订单总金额以元为单位，精确到小数点后两位 Order amount can be to two decimal places
会员ID player id	playerId	N	String(50)	若有传此参数,系统会将此值当作附言码 If this parameter is not empty, the system will use this value as a deposit note

会员姓名 player name	playerName	Y	String(50)	实名制使用 Will judge whether to deposit money for player account
身分号码 identify number	identifyNum	N	Int	巴西-窗口有要求，请填写此栏位 If the system requires merchant to provide it, please enter the value
超商代码 supermarket code	supermarketCode	N	String(10)	IBON Hi-Life OK FamiPort 台湾-窗口有要求，请填写此栏位 If the system requires merchant to provide it, please enter the value
玩家付款帐户号码 player transfer account	playerPayAcc	N	Int	台湾/韩国/柬埔寨-窗口有要求，请填写此栏位（询问我方客服人员） If the system requires merchant to provide it, please enter the value
玩家付款银行名称 player transfer bank name	playerPayBankName	N	text	韩国-窗口有要求，请填写此栏位（询问我方客服人员） If the system requires merchant to provide it, please enter the value
玩家出生日期 player date of birth	playerBirthday	Y	Int	韩国-窗口有要求，请填写此栏位 If the system requires merchant to provide it, please enter the value
玩家电话号码 player telephone number	playerPhoneNumber	Y	Int	韩国/印尼-窗口有要求，请填写此栏位 If the system requires merchant to provide it, please enter the value
异步通知地址 Asynchronous notification url	notifyUrl	Y	String(200)	支付成功后，支付平台会主动通知商家系统，因此商家必须指定接收通知的地址 。请参照1.2异步通知 API开发。 After the payment is successful, the system will actively notify the merchant system. Merchants must refer to the 1.2 format to develop and specify the address for receiving notifications.
同步通知地址 Synchronous notification url	returnUrl	N	String(200)	支付成功后，通过页面跳转的方式跳转到商户指定的网站页面 After the payment is successful, go to the website page designated by the merchant through page jumping
审核路线 Audit route	VerifyChannelNo	N	Int	请输入数值1-6,默认为路线1 If you need to review, please enter the value 1-6, the default is route 1

签名 signature	sign	Y	String	MD5(merNo+tradeNo+orderAmount+ApiKey) 注意：在组装字段时，如果是为null的字段，记得转化为空字符串拼装，然后再用MD5加密生成小写32位元字串 Note: If the value is null, it needs to be converted to an empty string. After splicing is completed, use MD5 encryption to generate a lowercase 32-bit string

响应参数(以JSON 格式同步返回响应数据) Response parameters (JSON format)			
參數名 name	参数变量名 variable name	必填 required	说明 description
API狀態碼 status code	Success	Y	API返回码请见附录4.1 Please refer to Appendix 4.1 for the status code
API訊息 status message	Message	Y	API处理结果说明 status message
订单编号 System order number	oid		
支付页连结 Payment page link	PayPage		

回传参数
Payment parameter
	Params		{
			    "bankAccount": "银行卡帐号-bank card account",
			    "bankCode": "银行代碼-bank code",
			    "bankName": "银行名称-bank name ",
			    "branchName": "分支-branch",
			    "bankAccountName": "戶名-bank Account Name",
			    "noteNo": "附言-Deposit Note",
			    "orig_money": "订单金额-order amount",
			    "money": "存款金额-System specified deposit amount",

		"pay_page_type": "收银台代码-cash register code", "qrcode_url": "QR图片-picture address, if need to use deposit", "phone_no": "phone number" "pay_page_pin":"pin code" }

1.2. 异步通知 Asynchronous notification url

請平台依照API規格開發API並提供callback API網址
Merchants are requested to develop in accordance with API specifications.

uri	1.1异步通知地址 The notifyUrl parameter value of the 1.1 application			
method	通過Form表單以POST方式遞交 use form-data method to send post data			
参数名 name	参数变量名 variable name	必填 required	型态 type	说明 description
商户订单号 Merchant order number	tradeNo	Y	String	
上分金额 Completion amount	topupAmount	Y	Float	
支付状态 Payment status	tradeStatus	Y	int	一1:建單失敗 Failed to create an order；0:处理中 Processing 1:存款成功 Deposit successful ；9:审核中 Reviewing
狀態信息 status message	message	Y	String	
簽名 signature	sign	Y	String	MD5(tradeNo+topupAmount+key) 注意：在组装字段时，如果是为null的字段，记得转化为空字符串拼装，然后再用MD5加密生成小写32位元字串 Note: If the value is null, it needs to be converted to an empty string. After splicing is completed, use MD5 encryption to generate a lowercase 32-bit string

响应参数 Response parameters
商户系统在收到通知并处理完成后必须打印输出包含"SUCCESS"这个字符串，则不再推送，否则會在半小時內已五分鐘一次的規律重送 please print "SUCCESS" to indicate that the processing is complete, otherwise it will be resent every five minutes within half an hour

1.3. 同步通知 Synchronous notification url

請平台依照API規格開發API並提供callback API網址
Merchants are requested to develop in accordance with API specifications.

uri	1.2同步通知地址				
method	GET				
参数名 name	参数变量名 variable name	必填 required	型态 type	说明 description	
商户订单号 Merchant order number	tradeNo	Y	String		
支付状态 Payment status	tradeStatus	Y	int	1：成功 success -1：失败 fail	

2.代付 Withdrawal

2.1. 代付接口 Apply for withdrawal

uri	apiUrl/payout/createOrder			
method	通過Form表單以POST方式遞交 use form-data method to send post data			
参数名 name	参数变量名 variable name	必填 required	型态 type	说明 description
商户号 Merchant ID	merNo	Y	String(50)	商户注册签约后，支付平台分配的唯一标识号 After merchant registration, the unique identification number assigned by the payment platform
商户订单号 Merchant order number	tradeNo	Y	String(36)	由商户系统生成的唯一订单编号,例如：mer20200922394773 The unique order number generated by the merchant system, for example：mer20200922394773
通道类型 channel Type	cType	Y	String(32)	参见附录中的通道类型对照表 Please refer to the channel type comparison table in the appendix
银行代码 bank code	bankCode	Y	String(16)	参见附录中的银行编码对照表 Please refer to the bank code comparison table in the appendix.
支行名称 bank branch	bankBranch	N	String(30)	日本-窗口有要求，请填写此栏位 If the system requires merchant to provide it, please enter the value
支行代码 bank branch code	branchCode	N	String(10)	日本-窗口有要求，请填写此栏位 If the system requires merchant to provide it, please enter the value
文件号码 document ID	documentId	N	String(10)	巴西-窗口有要求，请填写此栏位 If the system requires merchant to provide it, please enter the value

帐户类型 account Type	accountType	N	String(10)	CPF：个人税号 Personal tax number CNPJ：公司税号 Company tax number PHONE：电话 EMAIL：信箱 40：Clabe(墨西哥) 3：银行卡(墨西哥、印度、俄罗斯) UPI：UPI(印度) SBP：SBP(俄罗斯) 巴西、墨西哥-窗口有要求，请填写此栏位 If the system requires merchant to provide it, please enter the value
文件类型 document Type	documentType	N	String(10)	巴西-CPF：个人税号 Personal tax number CNPJ：公司税号 Company tax number 窗口有要求，请填写此栏位 If the system requires merchant to provide it, please enter the value
银行卡号 Bank card number	bankCardNo	Y	String(30)	
金额 order amount	orderAmount	Y	Float	订单金额以元为单位，精确到小数点后两位 Order amount can be to two decimal places
收款人姓名 bank account name	accountName	Y	String(50)	
开户省 bank Account Province	openProvince	Y	String(30)	若无开户省,请带入1 If the player does not provide, please enter 1
开户市 bank Account City	openCity	Y	String(30)	若无开户市,请带入1 If the player does not provide, please enter 1
异步通知地址 Asynchronous notification url	notifyUrl	Y	String(200)	支付成功后，支付平台会主动通知商家系统，因此商家必须指定接收通知的地址 。请参照2.2异步通知 API开发。 After the payment is successful, the system will actively notify the merchant system. Merchants must refer to the 1.2 format to develop and specify the address for receiving notifications.
审核路线	VerifyChannelNo	N	Int	请输入数值1-6,默认为路线1

Audit route				If you need to review, please enter the value 1-6, the default is route 1
金融银行代码 financial bank code	financial_bank_code	N	String(30)	印度-收款人 IFSC 窗口有要求，请填写此栏位 If the system requires merchant to provide it, please enter the value
会员ID player id	playerId	N	String(50)	孟加拉-窗口有要求，请填写此栏位 If the system requires merchant to provide it, please enter the value
签名 signature	sign	Y	String	MD5(merNo+tradeNo+bankCode+orderAmount+key) 注意：在组装字段时，如果是为null的字段，记得转化为空字符串拼装，然后再用MD5加密生成小写32位元字串 Note: If the value is null, it needs to be converted to an empty string. After splicing is completed, use MD5 encryption to generate a lowercase 32-bit string

响应参数(以JSON 格式同步返回响应数据) Response parameters (JSON format)			
參數名 name	參數變量名 variable name	必填 required	说明 description
API狀態碼 status code	Success	Y	API返回码请见附录4.1 Please refer to Appendix 4.1 for the status code
API訊息 status message	Message	Y	API处理结果说明 status message
订单编号 System order number	oid		

2.2. 异步通知 Asynchronous notification url

請平台依照API規格開發API並提供callback API網址
Merchants are requested to develop in accordance with API specifications.

uri	2.1异步通知地址 The notifyUrl parameter value of the 2.1 application			
method	通過Form表單以POST方式遞交 use form-data method to send post data			

参数名 name	参数变量名 variable name	必填 required	型态 type	说明 description
商户订单号 Merchant order number	tradeNo	Y	String	
支付金额 Completion amount	orderAmount	Y	Float	
支付状态 Payment status	tradeStatus	Y	int	-2：建单失败 Failed to create an order；0：处理中 Processing -1：出款失败 Payment failed ；8：API审核 API Audit 1：出款成功 Withdrawal Successful ；9：Manual audit
狀態信息 status message	message	Y	String	
签名 signature	sign	Y	String	MD5(tradeNo+orderAmount+key) 注意：在组装字段时，如果是为null的字段，记得转化为空字符串拼装，然后再用MD5加密生成小写32位元字串 Note: If the value is null, it needs to be converted to an empty string. After splicing is completed, use MD5 encryption to generate a lowercase 32-bit string

响应参数 Response parameters
商户系统在收到通知并处理完成后必须打印输出包含"SUCCESS"这个字符串，则不再推送，否則會在半小時內已五分鐘一次的規律重送 please print "SUCCESS" to indicate that the processing is complete, otherwise it will be resent every five minutes within half an hour

3.查询 Inquire

3.1 余额查询 Balance Inquiry

uri	apiUrl/inquiry/getMerBalance			
method	通過Form表單以POST方式遞交 use form-data method to send post data			

参数名 name	参数变量名 variable name	必填 required	型态 type	说明 description
商户号 Merchant ID	merNo	Y	String(50)	商户注册签约后，支付平台分配的唯一标识号 After merchant registration, the unique identification number assigned by the payment platform
时间戳 timestamp	datetime	Y	String(14)	格式(Format):YYYYMMDDhhmmss
签名 signature	sign	Y	String	MD5(merNo+datetime+key) 注意：在组装字段时，如果是为null的字段，记得转化为空字符串拼装，然后再用MD5加密生成小写32位元字串 Note: If the value is null, it needs to be converted to an empty string. After splicing is completed, use MD5 encryption to generate a lowercase 32-bit string

响应参数(以JSON 格式同步返回响应数据) Response parameters (JSON format)			
参数名 name	参数变量名 variable name	必填 required	说明 description
API状态码 status code	Success	Y	API返回码请见附录4.1 Please refer to Appendix 4.1 for the status code

API訊息 status message	Message	Y	API处理结果说明 status message
余额 balance	Balance	N	
冻结金额 frozen amount	Freeze	N	
日初余额 Opening balance	OpenBalance	N	00:00餘額 Daily 00:00 balance

3.2 支付交易查询 Deposit Transaction Inquiry

uri	apiUrl/inquiry/payOrder
method	通過Form表單以POST方式遞交 use form-data method to send post data

参数名 name	参数变量名 variable name	必填 required	型态 type	说明 description
商户号 Merchant ID	merNo	Y	String(50)	商户注册签约后,支付平台分配的唯一标识号 After merchant registration, the unique identification number assigned by the payment platform
商户订单号 Merchant order number	tradeNo	Y	String(36)	由商户系统生成的唯一订单编号,例如:mer20200922394773 The unique order number generated by the merchant system, for example:mer20200922394773
签名 signature	sign	Y	String	MD5(merNo+tradeNo+key) 注意:在组装字段时,如果是为null的字段,记得转化为空字符串拼装,然后再用MD5加密生成小写32位元字串 Note: If the value is null, it needs to be converted to an empty string. After splicing is completed, use MD5 encryption to generate a lowercase 32-bit string

响应参数(以JSON 格式同步返回响应数据) Response parameters (JSON format)			
参数名 name	参数变量名 variable name	必填 required	说明 description
API狀態碼 status code	Success	Y	API返回码请见附录4.1 Please refer to Appendix 4.1 for the status code
API訊息 status message	Message	Y	API处理结果说明 status message

订单金额 order amount	orderAmount		
上分金额 Completion amount	topupAmount		
支付状态 Payment status	status		－1：建單失敗 Failed to create an order；0：处理中 Processing 1：存款成功 Deposit successful ；9：审核中 Reviewing

3.3 代付交易查询 Withdrawal Transaction Inquiry

uri	apiUrl/inquiry/payoutOrder
method	通過Form表單以POST方式遞交 use form-data method to send post data

参数名 name	参数变量名 variable name	必填 required	型态 type	说明 description
商户号 Merchant ID	merNo	Y	String(50)	商户注册签约后，支付平台分配的唯一标识号 After merchant registration, the unique identification number assigned by the payment platform
商户订单号 Merchant order number	tradeNo	Y	String(36)	由商户系统生成的唯一订单编号,例如：mer20200922394773 The unique order number generated by the merchant system, for example：mer20200922394773
签名 signature	sign	Y	String	MD5(merNo+tradeNo+key) 注意：在组装字段时，如果是为null的字段，记得转化为空字符串拼装，然后再用MD5加密生成小写32位元字串 Note: If the value is null, it needs to be converted to an empty string. After splicing is completed, use MD5 encryption to generate a lowercase 32-bit string

响应参数(以JSON 格式同步返回响应数据) Response parameters (JSON format)			
参数名 name	参数变量名 variable name	必填 required	说明 description
API狀態碼 status code	Success	Y	API返回码请见附录4.1 Please refer to Appendix 4.1 for the status code
API訊息 status message	Message	Y	API处理结果说明 status message

订单金额 order amount	orderAmount		
支付金额 Completion amount	topupAmount		
完成时间 Completion time	topupTime		
支付状态 Payment status	status		-2:建单失败 Failed to create an order；0:处理中 Processing -1:出款失败 Payment failed　　　；8:API审核 API Audit 　1:出款成功 Withdrawal Successful　；9:Manual audit

4.附录 Appendix

4.1 返回码说明 Return Code Description

代码 codes	名称 name
1	成功－success
0	失败－fail
1001	参数不完整－incomplete parameters
1002	商户号不存在－Merchant ID does not exist
1003	银行代码錯誤－wrong bank code
1004	订单号已存在－order number already exists
1005	签名错误－signature error
1006	无银行卡可用－No bank card available
1007	系统异常－System exception

1008	此IP不在白名单－This IP is not in the whitelist
1009	资金不足－Insufficient funds

4.2 银行编码 bank code

[后台>银行代码]可查看,亦为最新资料

[Background>Bank code] can be viewed, and it is also the latest information

4.3 支付通道类型 Deposit Channel Type

各国支持通道请洽客服人员 Please contact customer service personnel for support types in various countries.

代码 codes	名称 name
BankToBank	卡打卡－Bank card transfer to bank card
SupermarketCodePay	超商代码 - Store code
PIXPay	巴西PIX - Brazil PIX
AutoBank	直连 - Fast Pay
QR	扫码 - QR
CreditCard	信用卡 - CreditCard
Alipay	支付宝 - Alipay
Alipay-H5	原生支付宝 - Alipay-H5
WeChat	微信 - WeChat

VirtualPay	虚拟帐户通道 - Virtual account
QRIS	QRIS
OVO	OVO
DANA	DANA
ShopeePay	ShopeePay
GoPay	GoPay
LinkAja	LinkAja
KBZpay	KBZpay
WavePay	WavePay

4.4 代付通道类型 Withdrawal Channel Type

代码 codes	名称 name
Payout	代付通道－Withdrawal
Payout3	下发通道 - Manual withdrawal
PIXPayout	巴西PIX代付 - Brazil PIX withdrawal

5.审核 Review

5.1 API审核- API Audit

- 请商戶依照API规格开发

Merchants are requested to develop in accordance with API specifications.

- 由商户端提供多条查核接口，并指定编号对应每条接口，於建单参数中增加一参数指定编号，接收端收到建单参数后需要照指定的编号去查询对应的接口进行核实。
  The merchant provides multiple verification interfaces, and the number can be specified when creating an order. After receiving the order creation parameters, the receiving end will query the corresponding interface according to the specified number for verification.

- 建单指定参数名称: VerifyChannelNo；若名称不同或有其他替代参数名称则须告知商户端，以及参数内容若有特殊格式也须告知商户端，由商户端配合修改。另需告知商户端，建单验签是否包含VerifyChannelNo，若需验签则须告知验签规则。
  Create an order to specify the parameter name: VerifyChannelNo; if the name is different or has other alternative parameter names, you must inform the merchant, and if the parameter content has a special format, you must also inform the merchant, and the merchant will cooperate to modify it. In addition, the merchant needs to be notified whether the signature verification includes VerifyChannelNo, and if verification is required, the verification rules must be informed.

- 若商户端建单时，未带入指定参数(VerifyChannelNo)，或是参数内未指定代号，或是指定的代號不在綁定的清單內，必须默认查核第一条接口。
  If the merchant does not include the specified parameter (VerifyChannelNo) when creating an order, or the code is not specified in the parameter, or the specified code is not in the binding list, the first interface must be checked by default.

uri	请由四方系统-商户通道配置 填写
key	请由四方系统-商户通道配置 填写
method	Content-Type指定为application/json 请求报文为JSON格式 use application/json method to send post data

参数名 name	参数变量名 variable name	必填 required	型态 type	说明 description
系统单号 system order number	TransNo	Y	String	
商户订单号 Merchant order number	TransactionNumber	Y	Float	
金额 order amount	Amount	Y	decimal	
商户号 Merchant ID	MerchantNo	Y	String	
签名 signature	SignCode	Y	String	• 照栏位名称升幂排序，空值、SignCode不列入签名计算 Sort according to the ascending power of the field name, and null values and SignCode are not included in the signature • 请注意,我方系统升幂先"TransactionNumber"才"TransNo" Please note that our system is upgraded to "TransactionNumber" before "TransNo". • 使用URL键值对的格式（即key1=value1&key2=value2…）拼接成字符串,金钥放在最后面,使用UTF8编码生成MD5签名,再将得到的字符串所有字符转换为大写 Use the URL key-value pair format (ie key1=value1&key2=value2...) to splice into a string, put the key at the end, use UTF8 encoding to generate an MD5 signature, and then convert all characters of the resulting string to uppercase • 范例 example： column1=value1&column2=value2&key=keyvalue

响应参数(以JSON 格式同步返回响应数据) Response parameters (JSON format)		
参數名 name	参数变量名 variable name	说明 description
金额 order amount	Amount	
狀態信息 status message	Message	API处理结果说明 processing result description
审核结果 Audit result	PayStatus	0:成功 success 1:伺服器发生错误 A server error occurred 2:查无资料 Check no data 5:不正确的参数 Incorrect parameters 6:渠道设定限制 Channel setting restrictions
簽名 signature	SignCode	
系統单号 system order number	TransNo	
商户订单号 Merchant order number	TransactionNumber	