**IG 游戏接入文档（草稿）**

|  |  |  |
| --- | --- | --- |
| **版本** | **修订日期** | **描述** |
| **0.10** | **2022/07/01** | **初始化文档** |
| **0.11** | **2022/07/05** | **增加历史查询功能** |
| **0.12** | **2022/08/31** | **调整进入方式，增加game\_domain返回** |
| **0.13** | **2022/09/26** | **增加报表查询** |

#### 进入Web H5大厅

Url: {{iggameurl}}/web-lobby/index.html?player\_session={{player\_session}}&operator\_player\_param={{operator\_player\_param}}&game\_id={{game\_id}}

|  |  |  |  |
| --- | --- | --- | --- |
| 字段 | 长度 | 必填 | 描述 |
| iggameurl | - | 是 | 游戏接入url, 由IG提供 |
| player\_session | Varchar(64) | 是 | 调用登录接口时返回的player\_session |
| operator\_player\_param | Varchar(1024) | 否 | 自定义参数 |
| game\_id | int | 否 | 游戏ID |

#### 身份验证（回调接口）

HTTP URL: {{mechantaddr}}VerifySession

Method: POST(application/x-www-form-urlencoded) 参数

|  |  |  |  |
| --- | --- | --- | --- |
| 字段 | 长度 | 必填 | 描述 |
| mechantaddr | - | 是 | 游戏接入方url, 由接入方提供 |
| operator\_token | Varchar(32) | 是 | 运营商标识, 由IG分配 |
| secret\_key | Varchar(32) | 是 | IG与运营商共享密钥串，由IG分配 |
| operator\_player\_session | Varchar(32) | 是 | 接入方玩家session |
| custom\_parameter | Varchar(1024) | 否 | 选填operator\_player\_param后,将会回传 |
| game\_id | int | 否 | 游戏ID |
| ip | Varchar(128) | 是 | 玩家登录IP |

成功返回

|  |  |  |  |
| --- | --- | --- | --- |
| 字段 | 长度 | 必填 | 描述 |
| player\_name | Varchar(32) | 是 | 玩家身分ID |
| nickname | Varchar(32) | 是 | 昵称 |
| avatar | Varchar(300) | 否 | 头像 |
| currency | Varchar(20) | 是 | 货币标识 |

示例

{

"data": {

"player\_name": "200001",

"nickname": "nike”,

"currency": "PHP"

},

"error": **null**

}

失败返回

{

"error": {

"code": 1000,

"message": "merchant does not exists"

},

"data": **null**

}

#### 登录/创建账号

HTTP URL: {{igaddr}}/api/cf/LoginGame

Method: POST(application/json)

注：账号不存在时将自动创建

参数1

|  |  |  |  |
| --- | --- | --- | --- |
| 字段 | 长度 | 必填 | 描述 |
| trace\_id | Varchar(128) | 是 | 请求参数标识 |

参数2

|  |  |  |  |
| --- | --- | --- | --- |
| 字段 | 长度 | 必填 | 描述 |
| igaddr | - | 是 | IG服务器地址 |
| operator\_token | Varchar(32) | 是 | 运营商标识, 由IG分配 |
| secret\_key | Varchar(32) | 是 | *IG*与运营商共享密钥串，由IG分配 |
| operator\_player\_session | Varchar(32) | 是 | 接入方玩家session |
| player\_name | Varchar(32) | 是 | 接入方玩家player\_name |
| currency | Varchar(20) | 是 | 货币 |
| nickname | Varchar(32) | 是 | 昵称 |
| avatar | Varchar(300) | 否 | 头像 |

成功返回

|  |  |  |  |
| --- | --- | --- | --- |
| 字段 | 长度 | 必填 | 描述 |
| player\_name | Varchar(32) | 是 | 接入方玩家player\_name |
| player\_session | Varchar(64) | 是 | IG令牌 |
| game\_domain | Varchar(64) | 是 | 用于动态填入iggameurl |
|  |  |  |  |

示例

[http://h5.yfbsy.com/api/cf/LoginGame?trace\_id=ed344c65-8ee5-4bdb-99bb-3fd2ef6fade1](http://h5.yfbsy.com/api/cf/LoginGame?trace_id=2)

{

"operator\_token": "tongits",

"secret\_key": "wF6i8NpJRYZjxcrRdCtQzGAyycjDAtAz",

"operator\_player\_session": "1",

"player\_name": "player124",

"currency": "PHP",

"nickname": "player123\_nickname"

}

返回

{

"error": **null**,

"data": {

"player\_name": "player123",

"player\_session": "1",

"game\_domain": "http://1111.com"

}

}

失败

{

"error": {

"code": 701,

"message": "player exception"

},

"data": **null**

}

#### 余额查询

HTTP URL: {{igaddr}}/api/cf/GetPlayerWallet

Method: POST(application/json)

参数1

|  |  |  |  |
| --- | --- | --- | --- |
| 字段 | 长度 | 必填 | 描述 |
| trace\_id | Varchar(128) | 是 | 请求参数标识(guid格式) |

参数2

|  |  |  |  |
| --- | --- | --- | --- |
| 字段 | 长度 | 必填 | 描述 |
| igaddr | - | 是 | IG服务器地址 |
| operator\_token | Varchar(32) | 是 | 运营商标识, 由IG分配 |
| secret\_key | Varchar(32) | 是 | *IG*与运营商共享密钥串，由IG分配 |
| player\_name | Varchar(32) | 是 | 接入方玩家player\_name |

成功返回

|  |  |  |  |
| --- | --- | --- | --- |
| 字段 | 长度 | 必填 | 描述 |
| totalBalance | int | 是 | 余额 |
| currency | Varchar(20) | 是 | 货币标识 |

示例

[http://h5.yfbsy.com/api/cf/GetPlayerWallet?trace\_id=103b0e42-2227-4fed-9814-ca53e050ca11](http://h5.yfbsy.com/api/cf/GetPlayerWallet?trace_id=1234)

{

"operator\_token": "tongits",

"secret\_key": "wF6i8NpJRYZjxcrRdCtQzGAyycjDAtAz",

"player\_name": "player124"

}

返回

{

"error": **null**,

"data": {

"currency": "PHP",

"totalBalance": 0

}

}

#### 充值

HTTP URL: {{igaddr}}/api/cf/TransferIn

Method: POST(application/json)

参数1

|  |  |  |  |
| --- | --- | --- | --- |
| 字段 | 长度 | 必填 | 描述 |
| trace\_id | Varchar(128) | 是 | 请求参数标识(guid格式) |

参数2

|  |  |  |  |
| --- | --- | --- | --- |
| 字段 | 长度 | 必填 | 描述 |
| igaddr | - | 是 | IG服务器地址 |
| operator\_token | Varchar(32) | 是 | 运营商标识, 由IG分配 |
| secret\_key | Varchar(32) | 是 | *IG*与运营商共享密钥串，由IG分配 |
| player\_name | Varchar(32) | 是 | 接入方玩家player\_name |
| amount | int | 是 | 金额 |
| transfer\_reference | Varchar(50) | 是 | 交易凭证，运营商平台生成并确保每  次交易是独有的。 |
| currency | Varchar(20) | 是 | 货币标识 |

成功返回

|  |  |  |  |
| --- | --- | --- | --- |
| 字段 | 长度 | 必填 | 描述 |
| balanceAmountBefore | int | 是 | 交易前金额 |
| amount | int | 是 | 金额 |
| balanceAmount | int | 是 | 交易后金额 |

示例

[http://h5.yfbsy.com/api/cf/TransferIn?trace\_id=7fc0c4b3-c0af-41e7-9120-544340ce7fcc](http://h5.yfbsy.com/api/cf/TransferIn?trace_id=1239)

{

"operator\_token": "tongits",

"secret\_key": "wF6i8NpJRYZjxcrRdCtQzGAyycjDAtAz",

"player\_name": "player124",

"amount": 100,

"currency": "PHP",

"transfer\_reference": "123456"

}

返回

{

"error": **null**,

"data": {

"balanceAmountBefore": 100,

"balanceAmount": 200,

"amount": 100

}

}

#### 转账

HTTP URL: {{igaddr}}/api/cf/TransferOut

Method: POST(application/json)

参数1

|  |  |  |  |
| --- | --- | --- | --- |
| 字段 | 长度 | 必填 | 描述 |
| trace\_id | Varchar(128) | 是 | 请求参数标识(guid格式) |

参数2

|  |  |  |  |
| --- | --- | --- | --- |
| 字段 | 长度 | 必填 | 描述 |
| igaddr | - | 是 | IG服务器地址 |
| operator\_token | Varchar(32) | 是 | 运营商标识, 由IG分配 |
| secret\_key | Varchar(32) | 是 | *IG*与运营商共享密钥串，由IG分配 |
| player\_name | Varchar(32) | 是 | 接入方玩家player\_name |
| amount | int | 是 | 金额 |
| transfer\_reference | Varchar(50) | 是 | 交易凭证，运营商平台生成并确保每  次交易是独有的。 |
| currency | Varchar(20) | 是 | 货币标识 |

成功返回

|  |  |  |  |
| --- | --- | --- | --- |
| 字段 | 长度 | 必填 | 描述 |
| balanceAmountBefore | int | 是 | 交易前金额 |
| amount | int | 是 | 金额 |
| balanceAmount | int | 是 | 交易后金额 |

示例

[http://h5.yfbsy.com/api/cf/TransferOut?trace\_id=0d25d5f5-86d1-4b65-9d0d-0dae94ca3c13](http://h5.yfbsy.com/api/cf/TransferOut?trace_id=12390)

{

"operator\_token": "tongits",

"secret\_key": "wF6i8NpJRYZjxcrRdCtQzGAyycjDAtAz",

"player\_name": "player124",

"amount": 100,

"currency": "PHP",

"transfer\_reference": "123457"

}

返回

{

"error": **null**,

"data": {

"balanceAmountBefore": 200,

"balanceAmount": 100,

"amount": 100

}

}

#### 历史查询

HTTP URL: {{igaddr}}/api/cf/GetHistory?trace\_id={trace\_id}

Method: POST(application/json) 参数

参数1

|  |  |  |  |
| --- | --- | --- | --- |
| 字段 | 长度 | 必填 | 描述 |
| trace\_id | Varchar(128) | 是 | 请求参数标识(guid格式) |

参数2

|  |  |  |  |
| --- | --- | --- | --- |
| 字段 | 长度 | 必填 | 描述 |
| igaddr | - | 是 | api url, 由IG提供 |
| operator\_token | Varchar(32) | 是 | 运营商标识, 由IG分配 |
| secret\_key | Varchar(32) | 是 | *IG*与运营商共享密钥串，由IG分配 |
| start\_time | datetime | 是 | 开始时间 |
| end\_time | datetime | 是 | 结束时间 |

成功返回

|  |  |  |  |
| --- | --- | --- | --- |
| 字段 | 长度 | 必填 | 描述 |
| transfer\_amount | int | 是 | 输赢金额(正数为增加，负数为扣减玩家余额) |
| transaction\_id | Varchar(128) | 是 | 交易的唯一标识符 |
| bet\_type | int | 是 | 投注类型 |
| player\_name | Varchar(32) | 是 | 接入方玩家player\_name |
| game\_id | int | 是 | 游戏ID |
| bet\_amount | int | 是 | 投注金额 |
| create\_time | datetime | 是 | 创建时间 |
| transaction\_id | Varchar(128) | 是 | 交易的唯一标识符 |
| parent\_bet\_id | Varchar(64) | 是 | 母注单号 |
| balance\_before | int | 是 | 交易前金额 |
| balance\_after | int | 是 | 交易后金额 |

提示：接口支持最多60天数据查询，单次end\_time - start\_time不允许超过1天，1分钟限制请求1次，请务必间隔1分钟以上。单次数据最多返回1500条，返回数据按时间正序，最后一条数据的create\_time,可作为下一次查询用的start\_time

示例

<http://h5.yfbsy.com/api/cf/GetHistory?trace_id=7fc0c4b3-c0af-41e7-9120-544340ce7fcc>

{

"operator\_token": "tongits",

"secret\_key": "wF6i8NpJRYZjxcrRdCtQzGAyycjDAtAz",

"start\_time": "2022-07-05 00:00:00",

"end\_time": "2022-07-05 23:59:59"

}

返回

{

"error": **null**,

"data": [

{

"parent\_bet\_id": "C5-55-0E-6A-73-F5-43-08-B6-F1-B4-73-03-AA-2E-8B",

"bet\_id": "0",

"player\_name": "123456",

"game\_id": 4201,

"bill\_type": 54,

"bet\_amount": 6,

"transfer\_amount": 6,

"balance\_before": 9973,

"balance\_after": 9979,

"create\_time": "2022-07-05 15:41:13"

}

]

}

失败返回

{

"error": {

"code": 1008,

"message": "Request limit, please try again in 1 minutes"

},

"data": **null**

}

#### **报表**查询

HTTP URL: {{igaddr}}/api/cf/GetDataReport?trace\_id={trace\_id}

Method: POST(application/json) 参数

参数1

|  |  |  |  |
| --- | --- | --- | --- |
| 字段 | 长度 | 必填 | 描述 |
| trace\_id | Varchar(128) | 是 | 请求参数标识(guid格式) |

参数2

|  |  |  |  |
| --- | --- | --- | --- |
| 字段 | 长度 | 必填 | 描述 |
| igaddr | - | 是 | api url, 由IG提供 |
| operator\_token | Varchar(32) | 是 | 运营商标识, 由IG分配 |
| secret\_key | Varchar(32) | 是 | *IG*与运营商共享密钥串，由IG分配 |
| start\_date | date | 是 | 开始时间 |
| end\_date | date | 是 | 结束时间 |

成功返回

|  |  |  |  |
| --- | --- | --- | --- |
| 字段 | 长度 | 必填 | 描述 |
| transfer\_amount | int | 是 | 输赢金额 |
| game\_id | int | 是 | 游戏ID |
| bet\_amount | int | 是 | 投注金额 |
| count\_date | date | 是 | 统计日期 |
| bet\_count | int | 是 | 注单数 |

提示：数据每一小时统计一次，单次end\_date - start\_date不允许超过31天，15秒限制请求1次，请务必间隔15秒以上。单次数据最多返回1500条，返回数据按时间正序

示例

<http://h5.yfbsy.com/api/cf/GetDataReport?trace_id=e13d3c52-fd47-4f1f-a51c-b8d47c19bb60>

{"operator\_token": "TCd83m2bQ8MNX2iNhAXb8DFyz6CECCQJ",

"secret\_key": "AD4ekPmRFR46HAeZ8Zwp7yfnSYR4pJMD",

"start\_date": "2022-09-01",

"end\_date": "2022-09-26"}

返回

{

"error": **null**,

"data": [

{

"game\_id": 4201,

"bet\_count": 151,

"bet\_amount": 566,

"transfer\_amount": -8682,

"count\_date": "2022-09-26"

}

]

}

##### 错误代号

|  |  |
| --- | --- |
| 1000 | Merchant does not exist |
| 1001 | Data is not legal |
| 1002 | Player wallet does not exist |
| 1003 | transfer failed |
| 1004 | The transfer request is in progress, please try again to check the latest status |
| 1005 | Insufficient balance |
| 1006 | secret\_key error |
| 1007 | Request limit, please try again in 15 seconds |
| 1008 | Request limit, please try again in 1 minutes |
| 1009 | IP limit |
| 701 | player exception |
| 702 | player session exception |
| 703 | player operator token exception |
| 900 | Interface error |
| 901 | Interface network exception |
|  |  |

###### 货币编码

|  |  |
| --- | --- |
| PHP | 比索 |
|  |  |
|  |  |
|  |  |

###### 游戏编码

|  |  |
| --- | --- |
| 4201 | TONGITS |
| 4630 | CRASH |
| 4620 | COLOR |
| 4510 | Dragon and Phoenix |

###### bill\_type编码

|  |  |
| --- | --- |
| 54 | Game Cost |
| 56 | On-stage fee |
| 63 | Player wins tax money |
| 70 | Prize Pool |