

mig.me OAuth2 API

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Authentication

Mig.me通过如下Endpoint提供OAuth2 authentication:

Authentication: <https://oauth.mig.me/oauth/auth>

Token: <https://oauth.mig.me/oauth/token>

Test-client

可以使用如右client ID进行测试	309f818242abae8fdd1b
此客户端的callback URL如右，以便在本地机器上运行此客户端	http://localhost:8080/oauth/callback
仅允许客户使用如下的范围	僅供测试

Example

以如下的链接开始向验证端点发出请求:

GET

https://oauth.mig.me/oauth/auth?client_id=309f818242abae8fdd1b&redirect_uri=http%3A%2F%2Flocalhost%3A8080%2Foauth%2Fcallback&scope=test-scope&response_type=code

然后应当在callback URL上获得一个验证码 (获取请求)。一旦得到验证码(auth code) , 將auth code, Client ID, redirect_url和grant_type組合發送POST至Token Endpoint,

POST

<https://oauth.mig.me/oauth/token>

ContentType: application/xwwwformurlencoded

code=<the auth code you received>&

client_id=309f818242abae8fdd1b&

redirect_uri=http://localhost:8080/oauth/callback&

grant_type=authorization_code

如果请求成功 , 会以JSON response的方式获得token。

Client

申請OAuth2 Client帳號所需提供的資訊:

- Name
- Description
- Callback URLs
- Scopes

若提供上述信息 , mig.me可以添加一个oauth客户端供您使用。我们会为您提供必要的clientId和clientSecret。

Scopes

API的功能范围(请指出您的OAuth Client所需的功能范围)

资源说明	资源	范围
测试目的	/test/auth /test/user	test-scope
获取用户档案信息	/user/profile /user/friends	profile
代表用户邀请好友	/event/invite	invite
代表用户制作帖子	/post/create	miniblog
用户支付	/user/bill	payment

获取用户的migcredit余额	/user/credit	credit
提交事件	/event/submit	event

APIs

所需的http headers:

- ContentType: application/json
- Authorization: bearer <access_token>

可选的query string:

- access_token

Getting Profile API

此API用于获得一名用户的个人档案

Endpoint: GET <https://mig.me/datasvc/API/user/profile>

Parameters

N/A

Results

成功的结果返回一个带有如下字段的JSON data object:

int	id	
string	username	
string	alias	
string	firstName	
string	lastName	
string	dateOfBirth	
string	dateRegistered	
enum	gender (MALE, FEMALE)	
int	migLevel	该用户Migme的用户等级
string	migBotImage	

int	displayPictureType	
int	numOfFriends	
int	numOfFollowers	
int	numOfFollowing	
string	externalEmail	
bool	externalEmailVerified	
string	avatarPictureUrl	
string	avatarHeadPictureUrl	
string	profilePictureUrl	

不成功的结果返回一个错误代码:

```
{{ DOCUMENT ERROR CODE + MEANING }}
```

实例:

```
$ curl XGET H "Authorization: Bearer
852fe10712f44658b5d3598e03f24ce8981911189fb547ed9ce30260070a6026"
https://mig.me/datasvc/API/user/profile
```

```
{"data":{"id":195711603,"username":"chernjie","firstName":"cj","lastName":"lim","dateRegistered":"20130124","migLevel":15,"migBotImage":"rankmigbotred15","displayPictureType":1,"labels":{"map":{"merchant":"M"}}, "numOfFriends":213,"numOfFollowers":0,"numOfFollowing":0,"externalEmail":"weizhiwei2013@gmail.com","externalEmailVerified":true,"avatarPictureUrl":"http://img.qalab.projectgoth.com/avatar/chernjie","avatarHeadPictureUrl":"http://img.qalab.projectgoth.com/a/chernjie","profilePictureUrl":"http://img.qalab.projectgoth.com/u/chernjie","country":"Singapore"}}
```

Getting Friends API

本API用于在mig.me上获取用户的好友清单。

Endpoint: GET <https://mig.me/datasvc/API/user/friends>

Parameters

limit: 取得好友清单的最大条目数；-1获得全部好友。

offset: 取得好友清单的第一个条目的索引号，用于编页。

Results

成功的结果返回跟”Getting Profile API”一样格式的JSON data object.

不成功的结果返回一个错误代码:

{{{ DOCUMENT ERROR CODE + MEANING }}}}

实例:

```
$ curl XGET H "Authorization: Bearer  
852fe10712f44658b5d3598e03f24ce8981911189fb547ed9ce30260070a6026"  
"https://mig.me/datasvc/API/user/friends?limit=3&offset=10"
```

```
{  
  "data": [  
    {  
      "numOfGroupsJoined": 0, "numOfWatchedPosts": 0, "numOfPosts": 0, "migLevel": 3,  
      "emailAllSetting": 1, "numOfBadgesUnlocked": 0, "id": "195713781", "username": "fluffycatfifi",  
      "numOfAvatarVotesReceived": 0, "avatarBodyUuid": "ZouPZuoppogK.GeU_odO.fazxtso",  
      "mig33Email": "fluffycatfifi@mig33.com", "numOfUserLikesReceived": 0, "avatarHeadUuid":  
      "ZHouPZuoppogK.GeU_odO.fazxtso", "migBotImage": "rankegg3", "labels": {}, "numOfChatroomsOwned": 0,  
      "numOfFollowing": 0, "displayPictureType": 1, "numOfMigPhotosUploaded": 0, "numOfFootprintsReceived": 0,  
      "numOfAvatarCommentsReceived": 0, "numOfFriends": 6, "country": "Malaysia", "relationship": 0,  
      "dateRegistered": "20130325", "_version": "1.0", "numOfFollowers": 0, "_privacy": {"feed": 1, "chat": 2},  
      "numEmoticonPacks": 0, "numOfGamesPlayed": 0, "coverPhotoUrl": "http://www.lc.qalab.projectgoth.com/b/debug/app/images/profile_image_03.png",  
      "numOfGiftsReceived": 30... ] } }
```

Making Migbo Post API

本API用于代表用户發佈一个mig.me帖子。

Endpoint: POST <https://mig.me/datasvc/API/post/create>

Parameters

body: 帖子的本体。字符限制为300 (Character)。

originality: 帖子的类型。可能的数值是: 1 (ORIGINAL), 2 (REPLY), 3 (RESHARE)。

reply_permission: 是否允许其他用户回复您的帖子: 0 (EVERYONE), 1 (NONE)。

privacy: 确定可以查看您帖子的人: 0 (EVERYONE), 1 (FRIENDS), 2 (AUTHOR_ONLY)

如下参数适用于有图片上传功能的帖子:

filedata: 图片档案的完整路径

filename: 图片档案的档案名

jsondata: 和普通帖子相同

Results

成功的结果返回一个带有如下字段的JSON data object:

id: 新建帖子的id.

不成功的结果返回一个错误代码:

{{{ DOCUMENT ERROR CODE + MEANING }}}}

实例:

```
$ curl XPOST H "Authorization: Bearer
852fe10712f44658b5d3598e03f24ce8981911189fb547ed9ce30260070a6026" H
"ContentType:application/json" d
'{"body":"@chernjiehttp://www.youtube.com/watch?v=yCltaFKi6g8 This is a test
post","privacy":0,"reply_permission":0,"originality":1,"_version":"1.0","location":{"latitude":
0.0,"longitude":0.0,"displayName":"test"}}' https://mig.me/datasvc/API/post/create

{"data":{"id":"1957116031412914070437"}}
```

```
$ curl XPOST H "Authorization: Bearer
852fe10712f44658b5d3598e03f24ce8981911189fb547ed9ce30260070a6026" form
filedata=@/Users/zhiweiwei/Downloads/13117450474_acd77931fa_o.jpg form
filename=13117450474_acd77931fa_o.jpg form jsondata='{"body":"@chernjie This is a
test post with
image","privacy":0,"reply_permission":0,"originality":1,"_version":"1.0","location":{"latitude
":0.0,"longitude":0.0,"displayName":"test"}}' https://mig.me/datasvc/API/post/create

{"data":{"id":"1957116031412924022336"}}
```

Inviting Friends API

此API可用于邀请好友加入mig.me

Endpoint: POST <https://mig.me/datasvc/API/event/invite>

Parameters

method: 目前仅支援 '@email'

confirmToInvitationEngine: 必须为 'true'

destinations: 好友电子邮件和推荐ID (推荐ID用于未来进行跟踪)

invitationEmailType: 当前指定填入6

thirdPartyAppID: 当前指定填入1

Results

成功的结果返回一个带有如下字段的JSON data object:

“ok” 表示已经成功发出邀请

不成功的结果返回一个错误代码:

```
{{{ DOCUMENT ERROR CODE + MEANING }}}}
```

实例:

```
$ curl XPOST H "Authorization: Bearer
852fe10712f44658b5d3598e03f24ce8981911189fb547ed9ce30260070a6026" H
"ContentType:application/json" d
'{"destinations":{"weizhiwei2013@gmail.com":"referralIdA",
"weizhiwei@gmail.com":"referralIdB"}, "invitationEmailType":6, "thirdPartyAppID":1}'
```

"https://mig.me/datasvc/API/event/invite?method=@email&confirmToInvitationEngine=true"

```
{"data":"ok"}
```

Billing API

此API用于扣除用户的migcredit。

Endpoint: <https://mig.me/datasvc/API/user/bill>

Parameters

reference: 给出为了便于未来跟踪而存储的索引码

description: 用户在结算历史中可以看见的说明

currency: 货币的三字码，比如USD，SGD，AUD。

amount: 扣除的金额。

Results

成功的结果返回一个带有如下字段的JSON data object:

id: 本次支付的id

不成功的结果返回一个错误代码:

```
{{ DOCUMENT ERROR CODE + MEANING }}
```

实例:

```
$ curl XPOST H "Authorization: Bearer  
852fe10712f44658b5d3598e03f24ce8981911189fb547ed9ce30260070a6026" H  
"ContentType:application/json" d  
'{"reference":"ref1","description":"desc","currency":"SGD","amount":8.5}'  
https://mig.me/datasvc/API/user/bill
```

```
{"data":{"id":1427283043}}
```

Submitting Event API

此API用于向migme报告用户在第三方游戏或应用中触发的事件（如赢得一场比赛）。

Endpoint: <https://mig.me/datasvc/API/event/submit>

Parameters

type: GAME_STARTED (开始游戏) /GAME_ITEM_PURCHASED (购买游戏项目)
/GAME_WON (在游戏中获胜)

amount: 浮点类型。对于GAME_STARTED或GAME_WON类型，应当为用户在此次游戏中花费或赢得的migcredit金额。对于GAME_ITEM_PURCHASED类型，应当为用户此次购买的游戏项目的总金额。

以下Parameters只针对GAME_ITEM_PURCHASED类型有效：

quantity: 用户购买的游戏项目数目（整数）

item_name: 游戏项目的名称或索引码

purchase_ref: 给出为了便于未来跟踪而存储的索引码

Results

成功的结果返回一个带有如下字段的JSON data object:

“ok”表示已经成功报告此事件

不成功的结果返回一个错误代码:

{{ DOCUMENT ERROR CODE + MEANING }}

实例:

```
curl -XPOST https://mig.me/datasvc/API/event/submit -d
'{"type":"GAME_ITEM_PURCHASED","game_vendor":"vendor","game_ref":"game1","player_n
ame":"player2","item_name":"item3","purchase_ref":"purchase4","quantity":2,
"amount":100.23}' -H "Content-Type: application/json" -H "Authorization: Bearer
852fe10712f44658b5d3598e03f24ce8981911189fb547ed9ce30260070a6026"
```

Get User Credit API

此API用于获取用户的migcredit余额。

Endpoint: <https://mig.me/datasvc/API/user/credit>

Parameters

无

Results

成功的结果返回一个带有如下字段的JSON data object:

balance: 用户的账户余额 (浮点数)

exchangeRate: 澳元 (AUD) 对该金额货币的汇率 (即1澳元 = exchangeRate该种货币)

不成功的结果返回一个错误代码:

{{ DOCUMENT ERROR CODE + MEANING }}

实例:

```
curl -H "Authorization: Bearer
545d7dee328d45e9a3049c1fe553c0a89d1fe566086b48cf8bbf3303d58d614d"
https://mig.me/datasvc/API/user/credit
```

```
{"data":{"balance":119.02,"currency":{"symbol":"S$","exchangeRate":1.0818,"name":"Singapor
e Dollars"},"lastUpdated":1418601600000,"code":"SGD"},"error":{"errno":0}}
```