

mig.me OAuth2 API

ver 1.1

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Authentication

Migme透過下列Endpoint來提供OAuth2 authentication:

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

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

Test-client

你可以使用這個client ID來做測試	309f818242abae8fdd1b
此測試帳號的callback URL如右, 以方便做local測試	http://localhost:8080/oauth/callback
此client ID的用途	僅供側試用

Example

首先，對認證的endpoint下一個request, 如下:

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

你會由callback URL中取得一個認證碼。當你取得此認證碼(auth code)後，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>

Content-Type: application/x-www-form-urlencoded

code=<the auth code you received>&

client_id=309f818242abae8fdd1b&

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

grant_type=authorization_code

若一切順利，你將會得到一個JSON response.

Client

申請OAuth2 Client帳號所需提供的資訊:

- Name
- Description
- Callback URLs
- Scopes

請您提供以上的資訊來申請一個新的OAuth client帳號。我們會提供的clientId以及clientSecret給你。

Scopes

API的功能範圍 (請明確指出你申請的OAuth Client所需的功能要哪些)

資源描述	資源	範圍
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測試目的	/test/auth /test/user	test-scope
取得使用者基本資料	/user/profile /user/friends	profile
替使用者邀請朋友加入	/event/invite	invite
替使用者貼文	/post/create	miniblog
使用者付費行為	/user/bill	Payment
取得用戶的migcredit餘額	/user/credit	credit
提交事件	/event/submit	event

APIs

必須的http headers:

- Content-Type: application/json
- Authorization: bearer <access_token>

選擇性的query string:

- access_token

Getting Profile API

此API是用來取得使用者的基本資料

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

Parameters

N/A

Results

- 成功時傳回一個JSON data object, 欄位如下:

int	id	
string	username	

string	alias	
string	firstName	
string	lastName	
string	dateOfBirth	
string	dateRegistered	
enum	gender (MALE, FEMALE)	
int	migLevel	該用戶Migme的用戶等級
string	migBotImage	
int	displayPictureType	
int	numOfFriends	
int	numOfFollowers	
int	numOfFollowing	
string	externalEmail	
bool	externalEmailVerified	
string	avatarPictureUrl	
string	avatarHeadPictureUrl	
string	profilePictureUrl	

- 失敗時傳回一個error code, 欄位如下:

{{ DOCUMENT ERROR CODE + MEANING }}

範例:

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

```
{"data":{"id":195711603,"username":"chernjie","firstName":"cj","lastName":"lim","dateRegistered":"2013-01-24","migLevel":15,"migBotImage":"rank-migbot-red-15","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是用來取得mig.me中使用者的朋友清單。

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

Parameters

limit: 取得朋友列表的最大值，-1代表一次取得全部朋友列表。

offset: 輸入取得朋友清單開始的索引號碼，做為分頁用。

Results

- 成功時傳回跟”Getting Profile API”一樣的JSON data object
- 失敗時傳回一個error code, 欄位如下:

{{{ DOCUMENT ERROR CODE + MEANING }}}

範例:

```
$ 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": "rank-egg-3", "labels": {}, "numOfChatroomsOwned": 0, "numOfFollowing": 0, "displayPictureType": 1, "numOfMigPhotosUploaded": 0, "numOfFootprintsReceived": 0, "numOfAvatarCommentsReceived": 0, "numOfFriends": 6, "country": "Malaysia", "relationship": 0, "dateRegistered": "2013-03-25", "_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

此API用來替使用者在Miniblog上貼文。

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

Parameters

body: 輸入貼文內容，字數上限為300個字元(Character)。

originality: 貼文的類別。有三種類別: 1 (ORIGINAL), 2 (REPLY), 3 (RESHARE)。

reply_permission: 是否允許其它使用者回覆你的貼文: 0 (EVERYONE), 1 (NONE)。

privacy: 決定誰能看見你的貼文: 0 (EVERYONE), 1 (FRIENDS), 2 (AUTHOR_ONLY)

對有上傳影像的貼文:

filedata: 影像檔的完整路徑

filename: 影像檔的檔名

jsondata: 與正常貼文一樣

Results

-成功時傳回一個JSON data object, 欄位如下:

id: 新貼文的id.

-失敗時傳回一個error code, 欄位如下:

{{ DOCUMENT ERROR CODE + MEANING }}

範例

```
$ curl -XPOST -H "Authorization: Bearer  
852fe10712f44658b5d3598e03f24ce8981911189fb547ed9ce30260070a6026" -H  
"Content-Type: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":"195711603-1412914070437"}}
```

```
$ 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":"195711603-1412924022336"}}
```

Inviting Friends API

此API可用來邀請朋友加入mig.me

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

Parameters

method: 目前只支援填入 '@email'

confirmToInvitationEngine: 必須是 'true'

destinations: 朋友的電郵地址以及推薦ID (推薦ID為任何可供參考的數值，未來追蹤使用)

invitationEmailType: 目前只支援填入6

thirdPartyAppID: 目前只支援填入1

Results

-成功時傳回一個JSON data object, 欄位如下:

“ok” 來顯示邀請已成功寄出

-失敗時傳回一個error code, 欄位如下:

{{{ DOCUMENT ERROR CODE + MEANING }}}

範例

```
$ curl -XPOST -H "Authorization: Bearer  
852fe10712f44658b5d3598e03f24ce8981911189fb547ed9ce30260070a6026" -H  
"Content-Type: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用來花費該使用者的migcredit。migcredit為使用者在Mig.me平台上得到或儲值的金額可用於消費。

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

Parameters

reference: 傳入任何參考碼以供未來追蹤用

description:使用者在消費記錄上看到的描述

currency: 三個字元的幣別，如USD，SGD，AUD。

amount: 要消費的數值。

Results

-成功時傳回一個JSON data object, 欄位如下:

id: 本次付款的識別碼id

-失敗時傳回一個error code, 欄位如下:

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

範例

```
$ curl -XPOST -H "Authorization: Bearer  
852fe10712f44658b5d3598e03f24ce8981911189fb547ed9ce30260070a6026" -H  
"Content-Type: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用於向migme報告用戶在第三方遊戲或應用中觸發的事件（例如：贏得一場比賽）。

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

Parameters:

type: GAME_STARTED(開始遊戲)

 GAME_ITEM_PURCHASED(購買遊戲項目)

 GAME_WON(在遊戲中獲勝)

amount: 浮點類型數值(float)

對於GAME_STARTED或GAME_WON，此數值為用戶在此次遊戲中花費或贏得migcredit金額。

對於GAME_ITEM_PURCHASED，此數值為用戶此次購買的遊戲項目的總金額。

以下Parameters只對GAME_ITEM_PURCHASED類型有效:

quantity: 用戶購買的遊戲項目數目(integer)

item_name: 遊戲項目的名稱或索引碼

purchase_ref: 為了便於未來追蹤而儲存的索引碼

Results

-成功時傳回一個JSON data object, 欄位如下:

 OK: 表示已經成功報告此事件

-失敗時傳回一個error code, 欄位如下:

{{{ DOCUMENT ERROR CODE + MEANING }}}

範例:

```
curl -XPOST https://mig.me/datasvc/API/event/submit -d  
'{"type":"GAME_ITEM_PURCHASED","game_vendor":"vendor","game_ref":"game1","player  
_name":"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用於獲取用戶的migcredit餘額。

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

Parameters: N/A

Results

-成功時傳回一個JSON data object, 欄位如下:

balance: 用戶的帳戶餘額 (float)

exchangeRate: 澳幣(AUD)對於該金額貨幣的匯率 (即1澳幣=exchangeRate該種貨幣)

-失敗時傳回一個error code, 欄位如下:

{{{ DOCUMENT ERROR CODE + MEANING }}}

範例:

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

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