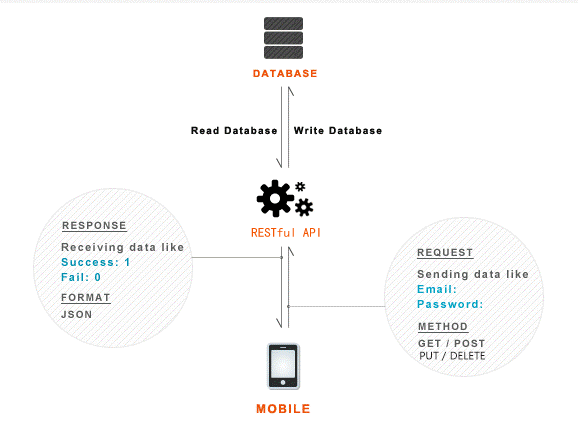
moment API 说明文档

|  |  |  |  |
| --- | --- | --- | --- |
| 版本 | 作者 | 概要 | 日期 |
| 1.0 | xuhuan |  | 2015-03-22 |
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|  |  |  |  |
|  | xuhuan | #尼玛，光宗前面都没写变更记录#  +限制用户昵称唯一  +搜索接口（通过昵称搜索用户） | 2015-04-12 |
|  |  | +获取用户Following的当日Moment |  |
|  |  | +获取Moment的点赞用户列表 | 2015-04-15 |
|  |  | +获取用户点赞Moment列表 | 2015-04-16 |
|  |  | 组图功能。  +table moment\_group | 2015-04-17 |
|  |  | +反馈功能 | 2015-04-24 |

# 概述

moment API

# 系统架构



# 范式说明

1. 主机URL：<http://moment.bukeu.com>
2. API主URL：http://api.moment.bukeu.com
3. API版本管理: http://api.moment.bukeu.com/v1
4. 编码格式：UTF-8, 中文使用URLEncode编码，服务器使用URLDecode解码
5. 数据交换格式：JSON（application/json）
6. 日期时间格式：yyyy-MM-dd HH:mm:ss, 如"2007-06-28 11:16:11"
7. HTTP Verb

|  |  |  |
| --- | --- | --- |
| **Verb / Method** | **Usage** | **Example** |
| GET | Read / find / get |  |
| POST | Create / save |  |
| PUT | Update(all) / set |  |
| PATCH | Update(partly) / set |  |
| DELETE | Delete |  |

1. HTTP Status

|  |  |  |  |
| --- | --- | --- | --- |
| **类别** | **状态码（Code）** | **消息（Message）** | **说明** |
| Success | 200 | OK | GET / PUT / PATCH |
| 201 | Created | POST |
| 204 | No Content | DELETE |
|  | 3xx |  |  |
| Fail | 400 | Bad Request | 错误请求，[所有无类别的错误请求响应代码] |
| 401 | Unauthorized | 未认证，如API请求需要认证信息 |
| 403 | Forbidden | 已认证，但未授权，如非管理员访问 |
| 404 | Not Found | 资源不存在，如未找到用户 |
| 405 | Method Not Allowed | 请求方法错误，如登录只能是POST |
| 409 | Conflict |  |
| 410 | Gone |  |
| 415 | Unsupported Media Type |  |
| 422 | Unprocessable Entity-校验错误时用 | 缺失参数，登录失败 |
| 429 | Too many request-请求过多 |  |
|  | 5xx |  |  |

1. HTTP Header

可以分成5类HTTP Header：

1. 通用首部：

|  |  |
| --- | --- |
| **通用信息性首部** | |
| **首部** | **描述** |
| Connection |  |
| Date | 报文创建时间 |
| MIME-Version |  |
| Trailer |  |
| Transfer-Encoding |  |
| Update | 发送端想要升级的新协议版本 |
| Via | 显示了报文经过的中间节点（代理，网关） |
| **通用缓存首部** | |
| Cache-Control |  |
| Pragma |  |

1. 请求首部：

|  |  |
| --- | --- |
| **请求信息性首部** | |
| Client-IP |  |
| From |  |
| Host |  |
| Referer |  |
| User-Agent |  |
| **Accept首部** | |
| Accept |  |
| Accept-Charset |  |
| Accept-Encoding |  |
| Accept-Language |  |
| TE | 告诉服务器可以使用的拓展传输编码 |
| **条件请求首部** | |
| Expect | 要求服务器对请求的行为 |
| If-Match |  |
| If-Modified-Since |  |
| If-None-Match |  |
| If-Range |  |
| If-Unmodified-Since |  |
| Range | 请求资源的指定范围 |
| **安全请求首部** | |
| Authorization |  |
| Cookie |  |
| Cookie2 |  |
| **代理请求首部** | |
| Max-Forward |  |
| Proxy-Authorization |  |
| Proxy-Connection |  |

1. 响应首部：

|  |  |
| --- | --- |
| **响应信息性首部** | |
| Age | 响应持续时间 |
| Public | 服务器对资源支持的请求方法列表 |
| Retry-After | 如果资源不可用，在此日期后重试 |
| Server | 服务器应用程序软件的名称和版本 |
| Title | HTML文档标题 |
| Warning | 比状态行原因短语更详细的警告短文 |
| **响应协商首部** | |
| Accept-Range | 对此资源，服务器可接受的范围类型 |
| Vary | 首部列表 |
| **安全响应首部** | |
| Proxy-Authenticate | 代理对客户端的质询列表 |
| Set-Cookie |  |
| Set-Cookie2 |  |
| WWW-Authenticate | 服务器对客户端的质询列表 |

1. 实体首部：

在请求报文和响应报文中都可能包含，描述HTTP报文的实体负荷。

|  |  |
| --- | --- |
| **实体信息性首部** | |
| Allow | 对此实体可以执行的请求方法 |
| Location | 实体的位置，可以定向到此处(URL) |
| **实体内容首部** | |
| Content-Base |  |
| Content-Encoding |  |
| Content-Language |  |
| Content-Length | 实体字节数 |
| Content-Location |  |
| Content-MD5 |  |
| Content-Range |  |
| Content-Type |  |
| **实体缓存首部** | |
| Etag |  |
| Expires |  |
| Last-Modified |  |

1. 拓展首部：

以X开头，拓展首部是非标准首部，由应用程序开发者创建，

|  |  |  |
| --- | --- | --- |
| **Request Header（Standard）** | | |
| **Header field name** | **Description** | **Example** |
| Accept | Content-Types that are acceptable for the response.  客户端使用这个字段请求不同media类型的文档资源 | Accept: application/json |
| Accept-Charset |  | Accept-Charset: utf-8 |
| Authorization | Authentication credentials for HTTP authentication  HTTP基础认证 | Authorization:Basic QWxhZGRpbjpvcGVuIHNlc2FtZQ== |
| Cache-Control | Used to specify directives that must be obeyed by all caching mechanisms along the request-response chain | Cache-Control: no-cache |
| Cookie |  | Cookie: $Version=1; Skin=new; |
| Host |  | Host: localhost:80 |
| If-Modified-Since | Allows a 304 Not Modified to be returned if content is unchanged | If-Modified-Since: Sat, 29 Oct 1994 19:43:31 GMT |
| If-Unmodified-Since | Only send the response if the entity has not been modified since a specific time. | If-Unmodified-Since: Sat, 29 Oct 1994 19:43:31 GMT |
| Origin | Initiates a request for cross-origin resource sharing (asks server for an 'Access-Control-Allow-Origin' response field) . | Origin: http://www.example-social-network.com |
| Pragma | Implementation-specific fields that may have various effects anywhere along the request-response chain. | Pragma: no-cache |
| Referer | This is the address of the previous web page from which a link to the currently requested page was followed. (The word “referrer” has been misspelled in the RFC as well as in most implementations to the point that it has become standard usage and is considered correct terminology) | Referer: http://en.wikipedia.org/wiki/Main\_Page |
| User-Agent |  | User-Agent: Mozilla/5.0 (X11; Linux x86\_64; rv:12.0) Gecko/20100101 Firefox/21.0 |
| **Request Header（Non-Standard）** | | |
| X-Http-Method-Override | Requests a web application override the method specified in the request (typically POST) with the method given in the header field (typically PUT or DELETE). Can be used when a user agent or firewall prevents PUT or DELETE methods from being sent directly (note that this either a bug in the software component, which ought to be fixed, or an intentional configuration, in which case bypassing it may be the wrong thing to do). | X-HTTP-Method-Override: DELETE |
|  |  |  |

|  |  |  |
| --- | --- | --- |
| **Response Header（Standard）** | | |
| **Header field name** | **Description** | **Example** |
| Access-Control-Allow-Origin | Specifying which web sites can participate in cross-origin resource sharing | Access-Control-Allow-Origin: \* |
| Cache-Control | Tells all caching mechanisms from server to client whether they may cache this object. It is measured in seconds | Cache-Control: max-age=3600 |
| Content-Length | The length of the response body in octets (8-bit bytes) | Content-Length: 348 |
| Content-Type | The MIME type of this content | Content-Type: Type:application/json |
| ETag | An identifier for a specific version of a resource, often a message digest | ETag: "737060cd8c284d8af7ad3082f209582d" |
| Last-Modified | The last modified date for the requested object (in "HTTP-date" format as defined by RFC 7231) | Last-Modified: Tue, 15 Nov 1994 12:45:26 GMT |
| Location | Used in redirection, or when a new resource has been created. | Location: http://www.w3.org/pub/WWW/People.html |
| Pragma | Implementation-specific fields that may have various effects anywhere along the request-response chain. | Pragma: no-cache |
| Set-Cookie | An HTTP cookie | Set-Cookie:  UserID=JohnDoe;Max-Age=3600;Version=1 |
| WWW-Authenticate | Indicates the authentication scheme that should be used to access the requested entity. | WWW-Authenticate: Basic |
|  |  |  |
| **Response Header（Non-Standard）** | | |
| X-Powered-By | specifies the technology (e.g. ASP.NET, PHP, JBoss) supporting the web application (version details are often in X-Runtime, X-Version, or X-AspNet-Version) | X-Powered-By: PHP/5.4.0 |
| X-UA-Compatible | Recommends the preferred rendering engine (often a backward-compatibility mode) to use to display the content. Also used to activate Chrome Frame in Internet Explorer. | X-UA-Compatible: IE=EmulateIE7  X-UA-Compatible: IE=edge  X-UA-Compatible: Chrome=1 |
| X-Rate-Limit-Limit | The number of allowed requests in the current period |  |
| X-Rate-Limit-Remaining | The number of remaining requests in the current period |  |
| X-Rate-Limit-Reset | The number of seconds left in the current period |  |
| X-Total-Count | 分页信息，返回总数 |  |
| X-Page-Page | 分页页号 |  |
|  |  |  |

1. HTTP Response Body

Body只包含数据实体，如分页信息等在Header中返回。

* 成功（状态码类别为Success）直接返回JSON Object或者JSON Array
  + 出错（状态码类别为Fail）的时候才使用envelop

{

“error”:””

}

1. Request Parameter
   * 分页

分页信息在HTTP Header中返回

*page: : 页号，表示当前第几页*

*size：表示每页的记录数（per\_page）*

*number：表示*

* + 排序

*sort*

* + 过滤

*state*

* + 搜索

*q*

* + 部分返回

*fileds*

1. 创建和更新操作应该返回资源

Create：POST

Update：PUT / PATCH

1. HATEOAS没必要使用
2. 图片访问：

URL\_HOST+IMAGE\_PATH.如：<http://www.scumarket.com/upload/1401893097.jpg>

1. 异常处理

在Controller中：表示层

在Service中：业务逻辑层

1. 图片访问全部使用URL，在数据库中存储的就是URL。
2. URL规划

头像URL：<http://static.scumarket.com/img/avater>

商品图片URL：http://static.scumarket.com/img/product

1. 图片命名，名称的处理有Server进行，客户端不用进行处理。

用户头像：username+后缀

商品图片：uid+pid+TIMESTAMP+后缀

1. 能在Server处理，不在Client处理。
2. Nginx+Tomcat，Nginx反向代理，动静分离。

**[注意事项]**

所有的数据库操作均加上异常处理和事物操作(回滚)。

由客户端做的事情：如文件上传检查大小，类型，服务器只需要将传过来的正确的文件保存就可以了。

服务器对时间的处理：接收数据处理时间成时间戳，返回数据将时间戳格式成时间

# 认证授权

使用API的应用分为两类：内部应用、外部应用（第三方应用，Open API）。

RESTful API 是无状态的，也就是说用户请求的认证授权和cookie以及session无关，每一次请求都应该包含认证授权证明。

## 内部应用

* HTTP Basic Authentication

Authorization: ”api\_key”

app\_id + app\_key

官方(is\_official=1)应用只需要进行OAuth 认证授权

## 外部应用

相关名词解释：

* 服务提供方(resource server): 用户使用服务提供方来存储受保护的资源，这里指的是scumarket Open Platform。
* 用户(user):存放在服务提供方的受保护的资源的拥有者。
* 客户端(client)：要访问服务提供方资源的第三方应用，通常是网站在认证过程之前，客户端要向服务提供者申请客户端标识。
* 令牌（token）：分发给客户端的代表访问授权的字符串。通常这个字符串对客户端来说是不透明的。令牌代表资源拥有者许可的访问作用域和持续时间，并由资源服务器和授权服务器强制保证。这个令牌可以代表一个标识符，用于检索授权信息，或以一种可验证的方式自包含授权信息（即一个包含数据和签名的令牌字符串）。令牌可能只代表纯粹的访问能力。
* 访问令牌(access token)：客户端用来代表资源拥有者发送验证请求的令牌。 scumarket API将支持OAuth 2.0中Bearer Token和MAC Token的两种token形式。
* 刷新令牌(refresh token)：客户端用来获取新的访问令牌的令牌，而不用资源拥有者的参与。
* 授权码(authorization code)：一个短期令牌，代表终端用户的授权。授权码用于获取一个访问令牌和一个刷新令牌。
* 客户端标识符(client id)：分发给客户端的唯一标识，用于客户端向授权服务器标识自己。客户端标识符可以有一个对应的密钥。
* HTTP Basic Authentication + OAuth2

<http://api.scumarket.com/v3/auth/request_token>

<http://api.scumarket.com/v3/auth/authorize>

<http://api.scumarket.com/v3/auth/access_token>

非官方(is\_official=0)应用需要同时进行OAuth 认证授权

# 数据模型

目前scumarket 的数据模型包括用户、商品等部分，下面分别说明。

## 用户(User)

- Long id;/\*\* 用户编号 \*/

-String uuid;/\*\* 全局用户id \*/

- String weiboUid ;/\*\* 微博uid\*/

- String qqOpenid;/\*\* QQ OpenId\*/

- String wechatOpenid;/\*\* WeChat OpenId\*/

- String nickname;/\*\* 昵称（唯一） \*/

- String gender;/\*\* 用户性别\*/

- String avater;/\*\* 头像URL \*/

- String email;/\*\* 邮箱（唯一） \*/

- String password;/\*\* 密码 \*/

- String telephone;/\*\* 电话（唯一） \*/

- String description;/\*\* 用户描述\*/

- String signupDate; /\*\* 注册日期 \*/

-Long folloers; /

-Long following; /

- String lastSigninDate; /\*\* 最后登录的时间 \*/

- boolean isActivated; /\*\* 用户是否被激活 \*/

- boolean isLocked; /\*\* 是否被锁定 \*/

## Moment

- Long id /\*\*Moment Id\*/

- String uuid /\*\* 发布用户 uuid\*/

- String image /\*\* 图片地址链接\*/

- String text /\*\* 文字\*/

- String createDate /\*\* 发布时间\*/

- String locationLongitude /\*\* 发布地点经度\*/

- String locationLatitude /\*\* 发布地点纬度\*/

- String locationName /\*\* 发布地点名称\*/

- String likesCount /\*\* 赞数统计\*/

- String avater /\*\* 所属用户头像\*/

- String nickname /\*\* 所属用户昵称\*/

## AppVersion（App更新信息）

Integer versionCode; // id

String versionName; //

String downloadUrl; // http://static.moment.bukeu.com/android/moment.apk

String updateLog; //

String updateDate; // current\_timestamp

## Feedback

Long id;

String uuid;

String content;

String phoneModel;

String buildVersion;

Integer appversionCode;

String appversionName;

String telephone;

String extra;

String createDate;

# API总体列表

1. 用户全局统一标识符为uuid，后台在注册时为用户生成统一的uuid，后续所有相关接口均通过uuid来标识、实现。
2. 响应的JSON的name和请求的参数的name必须保持一致。使用snakeStyle形式

|  |  |  |  |
| --- | --- | --- | --- |
| **类别** | **URL** | **HTTP请求方法** | **作用** |
| 用户接口 | /users/signin | POST | 验证用户登录 |
| /users | GET | 获取所有用户 |
| /users/{uuid} | GET | 获取单个用户,根据uuid |
| /users | POST | 增加用户(邮箱注册) |
| /users/{uuid} | PUT / PATCH | 修改用户基本信息(昵称，联系方式，地址)，根据uuid |
| /users/{uuid}/password | POST/PUT/ PATCH | 修改用户密码，根据uuid |
| /users/{uuid}/avater | PUT /PATCH | 修改用户头像，根据uuid |
| /users/{uuid} | DELETE | 删除用户，根据uuid |
| Moment接口 | /moments | GET | 获取当日所有Moment |
| /moments | POST | 增加Moment |
| /users/{uuid}/moments | GET | 获取单个用户所有Moment |
| /users/{uuid}/moments/{id:[0-9]+} | GET | 获取单个用户的单个Moment |
| /users/{uuid}/following/moments | GET | 获取用户Following的当日Moment |
| /users/{uuid}/today/moments | GET | 获取单个用户当日的Moment |
| Likes接口 | /likes | POST | 点赞（取消点赞） |
| /likes/{id:[0-9]+}/users | GET | 获取Moment的点赞用户列表 |
| /likes/{uuid} | GET | 获取用户点赞过的Moment列表 |
| /likes/{uuid}/today | GET | 获取用户今日已点赞的MomentId |
| Follows接口 | /follows | POST | 关注（取消关注） |
| /followers/{uuid} | GET | 获取用户关注者列表 |
| /following/{uuid} | GET | 获取用户关注列表 |
| 搜索接口 | /search | GET | 由昵称查询用户（已限制昵称唯一） |
| App更新接口 | /appversion | GET | 返回应用更新信息 |
| 反馈接口 | /feedback | POST | 发送用户反馈 |

# API详细列表

## 用户登录

**[URL]**

http://api.moment.bukeu.com/v1/users/signin

**[支持格式]**

JSON

**[请求方式]**

POST

**[请求参数]**

|  |  |  |  |
| --- | --- | --- | --- |
|  | 必需 | 类型 | 说明 |
| email | √ | string | 用户邮箱 |
| password | √ | string | 密码 |

**[返回结果]**

示例：

{

"id": 5,

"uuid": "E5C6DBB41B5A41D091BB7A0D00D427D7",

"weiboUid": null,

"qqOpenid": null,

"wechatOpenid": null,

"nickname": null,

"gender": null,

"avater": null,

"email": "twocoldz123@gmail.com",

"password": "123456",

"telephone": "",

"description": null,

"signupDate": null,

"lastSigninDate": "2015-03-25 22:58:11",

"isActivated": null,

"isLocked": false

}

## 7.2 用户注册

**[URL]**

http://api.moment.bukeu.com/v1/users

**[支持格式]**

JSON

**[请求方式]**

POST

**[请求参数]**

|  |  |  |  |
| --- | --- | --- | --- |
|  | 必需 | 类型 | 说明 |
| email | √ | string | 用户邮箱 |
| password | √ | string | 用户密码 |

**[返回结果]**

示例：

{

"id": 6,

"uuid": "7125219ECAC845778E3517290B391859",

"weiboUid": null,

"qqOpenid": null,

"wechatOpenid": null,

"nickname": null,

"gender": null,

"avater": null,

"email": "heloo@world.com",

"password": "hello",

"telephone": "1234",

"description": null,

"signupDate": null,

"lastSigninDate": null,

"isActivated": null,

"isLocked": null

}

## 7.3 获取单个用户

**[URL]**

http://api.moment.bukeu.com/v1/users/{uuid}

**[支持格式]**

JSON

**[请求方式]**

GET

**[请求参数]**

|  |  |  |  |
| --- | --- | --- | --- |
|  | 必需 | 类型 | 说明 |

**[返回结果]**

示例：

{

"id": 2,

"uuid": "123",

"weiboUid": null,

"qqOpenid": null,

"wechatOpenid": null,

"nickname": null,

"gender": "男",

"avater": "http://static.scumarket.com/img/avater/123.jpg",

"email": "twocoldz@gmail.com",

"password": "123456",

"telephone": "",

"description": null,

"signupDate": null,

"lastSigninDate": null,

"isActivated": null,

"isLocked": false

}

## 7.4 获取所有用户

**[URL]**

http://api.moment.bukeu.com/v1/users

**[支持格式]**

JSON

**[请求方式]**

POST/PUT / PATCH

**[请求参数]**

|  |  |  |  |
| --- | --- | --- | --- |
|  | 必需 | 类型 | 说明 |

**[返回结果]**

示例：

[

{

"id": 2,

"uuid": "123",

"weiboUid": null,

"qqOpenid": null,

"wechatOpenid": null,

"nickname": null,

"gender": "男",

"avater": "http://static.scumarket.com/img/avater/123.jpg",

"email": "twocoldz@gmail.com",

"password": "123456",

"telephone": "",

"description": null,

"signupDate": null,

"lastSigninDate": null,

"isActivated": null,

"isLocked": false

},

{

"id": 4,

"uuid": "91b352284fce4baebf150d09ed81d1a6",

"weiboUid": null,

"qqOpenid": null,

"wechatOpenid": null,

"nickname": "nihao",

"gender": "女",

"avater": "http://static.scumarket.com/img/avater/91b352284fce4baebf150d09ed81d1a6.jpg",

"email": "twocoldz007@gmail.com",

"password": "12345678",

"telephone": "123",

"description": null,

"signupDate": null,

"lastSigninDate": "2015-03-25 15:40:06",

"isActivated": null,

"isLocked": true

},

{

"id": 5,

"uuid": "E5C6DBB41B5A41D091BB7A0D00D427D7",

"weiboUid": null,

"qqOpenid": null,

"wechatOpenid": null,

"nickname": null,

"gender": null,

"avater": null,

"email": "twocoldz123@gmail.com",

"password": "123456",

"telephone": "",

"description": null,

"signupDate": null,

"lastSigninDate": "2015-03-25 22:58:11",

"isActivated": null,

"isLocked": false

}

]

## 7.5搜索用户

**[URL]**

<http://api.moment.bukeu.com/v1/search>

**[支持格式]**

application/x-www-form-urlencoded

**[请求方式]**

GET

**[请求参数]**

|  |  |  |  |
| --- | --- | --- | --- |
|  | 必需 | 类型 | 说明 |
| nickname |  | string | 昵称 |
| telephone |  | string | 电话 |
| gender |  | string | 性别 |

**[返回结果]**

示例：

{

"id": 2,

"uuid": "123",

"weiboUid": null,

"qqOpenid": null,

"wechatOpenid": null,

"nickname": null,

"gender": "男",

"avater": "http://static.scumarket.com/img/avater/123.jpg",

"email": "twocoldz@gmail.com",

"password": null,

"telephone": "",

"description": null,

"signupDate": null,

"lastSigninDate": null,

"isActivated": null,

"isLocked": false

}

404-用户不存在

## 7.5更新用户资料

**[URL]**

http://api.moment.bukeu.com/v1/users/{uuid}

**[支持格式]**

JSON

**[请求方式]**

POST/PUT / PATCH

**[请求参数]**

|  |  |  |  |
| --- | --- | --- | --- |
|  | 必需 | 类型 | 说明 |
| nickname |  | string | 昵称 |
| telephone |  | string | 电话 |
| gender |  | string | 性别 |

**[返回结果]**

示例：

{

"id": 2,

"uuid": "123",

"weiboUid": null,

"qqOpenid": null,

"wechatOpenid": null,

"nickname": null,

"gender": "男",

"avater": "http://static.scumarket.com/img/avater/123.jpg",

"email": "twocoldz@gmail.com",

"password": null,

"telephone": "",

"description": null,

"signupDate": null,

"lastSigninDate": null,

"isActivated": null,

"isLocked": false

}

409-昵称已存在

## 7.6修改登录密码

**[URL]**

http://api.moment.bukeu.com/v1/users/{uuid}/password

**[支持格式]**

JSON

**[请求方式]**

POST/PUT / PATCH

**[请求参数]**

|  |  |  |  |
| --- | --- | --- | --- |
|  | 必需 | 类型 | 说明 |
| password | √ | string |  |

**[返回结果]**

示例：

{

"id": 2,

"uuid": "123",

"weiboUid": null,

"qqOpenid": null,

"wechatOpenid": null,

"nickname": null,

"gender": "男",

"avater": "http://static.scumarket.com/img/avater/123.jpg",

"email": "twocoldz@gmail.com",

"password": "123456",

"telephone": "",

"description": null,

"signupDate": null,

"lastSigninDate": null,

"isActivated": null,

"isLocked": false

}

## 7.7修改用户头像

**[URL]**

http://api.moment.bukeu.com/v1/users/{uuid}/avater

**[支持格式]**

JSON, multipart/form-data

**[请求方式]**

PUT / PATCH

**[请求参数]**

|  |  |  |  |
| --- | --- | --- | --- |
|  | 必需 | 类型 | 说明 |
| file | √ | image |  |
| nickname |  | string |  |

**[返回结果]**

示例：

{

"id": 2,

"uuid": "123",

"weiboUid": null,

"qqOpenid": null,

"wechatOpenid": null,

"nickname": null,

"gender": "男",

"avater": "http://static.scumarket.com/img/avater/123.jpg",

"email": "twocoldz@gmail.com",

"password": "123456",

"telephone": "",

"description": null,

"signupDate": null,

"lastSigninDate": null,

"isActivated": null,

"isLocked": false

}

StatusCode: 409， 昵称已存在

## 7.8删除用户

**[URL]**

http://api.moment.bukeu.com/v1/users/{uuid}

**[支持格式]**

JSON

**[请求方式]**

DELETE

**[请求参数]**

|  |  |  |  |
| --- | --- | --- | --- |
|  | 必需 | 类型 | 说明 |

**[返回结果]**

示例：

空

## 7.9发布Moment

**[URL]**

http://api.moment.bukeu.com/v1/moments

**[支持格式]**

JSON

**[请求方式]**

POST

**[请求参数]**

|  |  |  |  |
| --- | --- | --- | --- |
|  | 必需 | 类型 | 说明 |
| moment | √ | json | Moment对象的JSON |
| file | √ | file | moment图片 |

**[请求示例]**

moment.json:

{

"uuid": "123",

"image": "http://static.scumarket.com/moments/123@2015-03-25.jpg",

"text": "test",

}

**注：不用传createDate字段，DB可设置字段类型为timestamp,设置默认值为CURRENT\_TIMESTAMP。**

**[返回结果]**

示例：

{

"id": 6,

"uuid": "123",

"image": "http://static.scumarket.com/moments/123@2015-03-25.jpg",

"text": "test",

"createDate": "2015-03-25 12:25:00",

"locationLongitude": null,

"locationLatitude": null,

"locationName": null,

"likesCount": null

}

## 7.10 获取当日Moment

**[URL]**

http://api.moment.bukeu.com/v1/moments

**[支持格式]**

JSON

**[请求方式]**

GET

**[请求参数]**

|  |  |  |  |
| --- | --- | --- | --- |
|  | 必需 | 类型 | 说明 |
| page |  | int | 页号 |
| size |  | int | 分页大小 |
| order |  | string | ASC：升序 DESC：降序 |
| sort |  | string | 排序字段 |

**[返回结果]**

示例：

[

{

"id": 2,

"uuid": "123",

"image": "http://baidu.com",

"text": "aaa",

"createDate": "2015-03-25 22:13:05",

"locationLongitude": null,

"locationLatitude": null,

"locationName": null,

"likesCount": 0

},

{

"id": 4,

"uuid": null,

"image": "http://static.scumarket.com/moments/null.jpg",

"text": "test",

"createDate": "2015-03-25 12:25:00",

"locationLongitude": null,

"locationLatitude": null,

"locationName": null,

"likesCount": null

},

{

"id": 5,

"uuid": null,

"image": "http://static.scumarket.com/moments/null2015-03-25.jpg",

"text": "test",

"createDate": "2015-03-25 12:25:00",

"locationLongitude": null,

"locationLatitude": null,

"locationName": null,

"likesCount": null

},

{

"id": 6,

"uuid": "123",

"image": "http://static.scumarket.com/moments/123@2015-03-25.jpg",

"text": "test",

"createDate": "2015-03-25 12:25:00",

"locationLongitude": null,

"locationLatitude": null,

"locationName": null,

"likesCount": null

}

]

## 7.11获取特定用户所有Moments

**[URL]**

http://api.moment.bukeu.com/v1/users/{uuid}/moments

**[支持格式]**

JSON

**[请求方式]**

GET

**[请求参数]**

|  |  |  |  |
| --- | --- | --- | --- |
|  | 必需 | 类型 | 说明 |
| uuid | √ | long | 用户uuid |
| page |  | int | 页号 |
| size |  | int | 分页大小 |
| order |  | string | ASC：升序 DESC：降序 |
| sort |  | string | 排序字段 |

**[返回结果]**

示例：

[

{

"id": 2,

"uuid": "123",

"image": "http://baidu.com",

"text": "aaa",

"createDate": "2015-03-25 22:13:05",

"locationLongitude": null,

"locationLatitude": null,

"locationName": null,

"likesCount": 0

},

{

"id": 6,

"uuid": "123",

"image": "http://static.scumarket.com/moments/123@2015-03-25.jpg",

"text": "test",

"createDate": "2015-03-25 12:25:00",

"locationLongitude": null,

"locationLatitude": null,

"locationName": null,

"likesCount": null

}

]

## 7.12获取特定用户特定Moment

**[URL]**

http://api.moment.bukeu.com/v1/users/{uuid}/moments/{id}

**[支持格式]**

JSON

**[请求方式]**

GET

**[请求参数]**

|  |  |  |  |
| --- | --- | --- | --- |
|  | 必需 | 类型 | 说明 |
| uuid | √ | string | 用户uuid |
| id | √ | long | moment id |

**[返回结果]**

示例：

{

"id": 6,

"uuid": "123",

"image": "http://static.scumarket.com/moments/123@2015-03-25.jpg",

"text": "test",

"createDate": "2015-03-25 12:25:00",

"locationLongitude": null,

"locationLatitude": null,

"locationName": null,

"likesCount": null

}

## 7.13点赞（取消点赞）

**[URL]**

http://api.moment.bukeu.com/v1/likes

**[支持格式]**

JSON

**[请求方式]**

POST

**[请求参数]**

|  |  |  |  |
| --- | --- | --- | --- |
|  | 必需 | 类型 | 说明 |
| uuid | √ | string | 用户uuid |
| momentId |  | long | moment id |
| momentIds |  | string | momentIds 的JSON字符串 |

**[返回结果]**

示例：

{

"id": null,

"uuid": null,

"image": null,

"text": null,

"createDate": null,

"locationLongitude": null,

"locationLatitude": null,

"locationName": null,

"likesCount": 1

}

## 7.14 关注（取消关注）

**[URL]**

http://api.moment.bukeu.com/v1/follows

**[支持格式]**

JSON

**[请求方式]**

POST

**[请求参数]**

|  |  |  |  |
| --- | --- | --- | --- |
|  | 必需 | 类型 | 说明 |
| uuid | √ | string | 被关注用户uuid |
| followerUuid | √ | string | 关注者用户uuid |

**[返回结果]**

示例：

空

## 7.15 获取用户关注者

**[URL]**

http://api.moment.bukeu.com/v1/followers

**[支持格式]**

JSON

**[请求方式]**

GET

**[请求参数]**

|  |  |  |  |
| --- | --- | --- | --- |
|  | 必需 | 类型 | 说明 |

**[返回结果]**

示例：

[

{

"uuid": "91b352284fce4baebf150d09ed81d1a6",

"nickname": "nihao",

"gender": "女",

"avater": "http://static.scumarket.com/img/avater/91b352284fce4baebf150d09ed81d1a6.jpg",

"email": "twocoldz007@gmail.com",

"telephone": "123",

"description": null,

"signupDate": null,

"lastSigninDate": "2015-03-25 15:40:06",

"isActivated": null,

"isLocked": true,

"followers": 0,

"following": 1

}

]

## 7.16 获取用户关注的人

**[URL]**

http://api.moment.bukeu.com/v1/following

**[支持格式]**

JSON

**[请求方式]**

GET

**[请求参数]**

|  |  |  |  |
| --- | --- | --- | --- |
|  | 必需 | 类型 | 说明 |

**[返回结果]**

示例：

[

{

"uuid": "123",

"nickname": null,

"gender": "男",

"avater": "http://static.scumarket.com/img/avater/123.jpg",

"email": "twocoldz@gmail.com",

"telephone": "",

"description": null,

"signupDate": null,

"lastSigninDate": null,

"isActivated": null,

"isLocked": true,

"followers": 1,

"following": 0

}

]

## 7.16 获取用户当日所有已点赞的MomentId

**[URL]**

http://api.moment.bukeu.com/v1/likes/{uuid}/today

**[支持格式]**

JSON

**[请求方式]**

GET

**[请求参数]**

|  |  |  |  |
| --- | --- | --- | --- |
|  | 必需 | 类型 | 说明 |

**[返回结果]**

示例：

[

56,

5,

6,

58

]

## 7.17发送反馈

**[URL]**

http://api.moment.bukeu.com/v1/feedback

**[支持格式]**

JSON

**[请求方式]**

POST

**[请求参数]**

|  |  |  |  |
| --- | --- | --- | --- |
|  | 必需 | 类型 | 说明 |
| feedback | √ | JSON |  |

**[返回结果]**

示例：

空