# 客户端服务端通信格式定义

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1.总体说明

客户端服务端采用http协议进行通信，所有请求使用POST方式，所有的请求参数使用”request\_json”作为POST方式的数据键，数据值使用json格式

## 2.客户端请求报文格式

|  |  |  |
| --- | --- | --- |
| 字段 | 示例取值 | 说明 |
| VERSION | 1.0.0 | 版本信息 |
| REQUEST\_TYPE | REGISTER\_USER | 请求类型 |
| SESSION\_KEY | 7oc9kbgaob673kthe3m7pev75 | 会话key，作为标识用户身份的信息 |
| DATA | { "name":"chenyang", "password":"12345",  "email":"chenyang@qq.com"} | 具体的请求参数，json格式 |

客户端完整格式报文示例

{

" VERSION ":"1.0.0",

"REQUEST\_TYPE":"CREATE\_USER",

"SESSION\_KEY":"",

"DATA":{

"name":"chenyang",

"password":"12345",

"email":"chenyang@qq.com"

}

}

## 3.服务端响应报文格式

|  |  |  |
| --- | --- | --- |
| 字段 | 示例取值 | 说明 |
| VERSION | 1.0.0 | 版本信息 |
| STATUS | ERROR/OK | 返回状态说明，ERROR表示有错误，OK标识请求成功 |
| ERROR\_CODE |  | 如果STATUS为ERROR，会设置该字段，具体值的含义参考第四节，错误码说明 |
| SESSION\_KEY | 7oc9kbgaob673kthe3m7pev75 | 会话key，作为标识用户身份的信息 |
| message | 用户创建成功 | 消息的文本说明 |
| response\_data | { "name":"chenyang","password":"12345",  "email":"chenyang@qq.com"} | 返回数据，json格式 |
| request\_data |  | 请求报文，出现错误的情况下返回 |

服务端完整格式报文示例

{

"VERSION":"1.0.0",

"STATUS":"ERROR",

"ERROR\_CODE":"0001",

"DATA":{

"message":"用户名已存在",

"response\_data":"",

"request\_data":"

{

"version":"1.0.0",

"REQUEST\_TYPE":"CREATE\_USER",

"SESSION\_KEY":"",

"DATA":{

"name":"chenyang",

"password":"12345",

}

}"

}

}

## 4.错误码汇总

|  |  |
| --- | --- |
| 错误码 | 含义说明 |
| 0001 | 请求报文不包含Post requst\_json项 |
| 0002 | email地址不得为空 |
| 0003 | 手机号不得为空 |
| 0004 | 邮箱格式不合法 |
| 0005 | 无效的手机号码 |
| 0006 | 用户名密码不得为空 |
| 0007 | 数据库连接失败 |
| 0008 | 数据库更新失败 |
| 0009 | 用户名已存在或者邮箱已被注册 |
| 0011 | 登录密码错误 |
| 0012 | 广告标题和广告文本内容不得为空 |
| 0013 | 用户尚未登陆，没有发布广告的权限 |
| 0014 | 获取上传图片失败 |
| 0015 | 用户ID不得为空 |
| 0016 | 未找到对应用户，用户信息更新失败 |
| 0017 | 起始索引和请求广告数不得为空 |
| 0018 | 用户ID有误 |
| 0019 | 当前用户未登录，没有操作权限 |
| 0020 | 未找到符合条件的用户 |
| 0021 | 无法重复点赞 |
| 0022 | 无法重复关注 |
| 0023 | 取消关注失败 |
| 0024 | 广告ID有误 |
| 0025 | 撤销收藏失败 |
| 0026 | 未找到符合条件的广告 |
| 0027 | 经纬度有误 |
| 0028 | 用户无法关注自己 |
| 0029 | 用户无法收藏自己的广告 |

## 5.详细参数说明

### 5.1创建用户

**请求地址** www.xxxx.com/index.php/user/register

请求报文：

{

"version":"1.0.0",

"REQUEST\_TYPE":"CREATE\_USER",

"SESSION\_KEY":"",

"DATA":{

"name":"chenyang",

"password":"12345",

"cellphone":"13426370450",必填，进行格式校验

"email":"13426370450@qq.com",必填，进行格式校验

"position":""

}

}

回复报文

{

"VERSION":"1.0.0",

"STATUS":"ERROR",

"ERROR\_CODE":"0001",

"DATA":{

"message":"用户名已存在",

"response\_data":"",

"request\_data":"

{

"version":"1.0.0",

"REQUEST\_TYPE":"CREATE\_USER",

"SESSION\_KEY":"",

"DATA":{

"name":"chenyang",

"password":"12345",

}

}"

}

}

### 5.2 用户登录

**请求地址** www.xxxx.com/ index.php/user/login

请求报文：

{

"version":"1.0.0",

"REQUEST\_TYPE":" USER\_LOGIN",

"SESSION\_KEY":"",

"DATA":{

"name":"chenyang",

"password":"12345"

}

}

回复报文

{

"VERSION":"1.0.0",

"STATUS":"OK",

"ERROR\_CODE":"0001",

"DATA":{

"message":"登陆成功",

"response\_data":"",

"request\_data":"

{

"version":"1.0.0",

"REQUEST\_TYPE":"CREATE\_USER",

"SESSION\_KEY":"",

"DATA":{

"name":"chenyang",

"password":"12345",

}

}"

}

}

### 5.3 用户信息修改

**请求地址** www.xxxx.com/ index.php/user/ update

请求报文：

{

"version":"1.0.0",

"REQUEST\_TYPE":" UPDATE\_USER\_INFOR",

"SESSION\_KEY":"",

"DATA":{

"email":"chenyang@qq.com",

"cellphone":"13426370450"

}

}

回复报文

{

"VERSION":"1.0.0",

"STATUS":"ERROR",

"ERROR\_CODE":"0001",

"DATA":{

"message":"邮箱格式错误",

"response\_data":"",

"request\_data":"

{

"version":"1.0.0",

"REQUEST\_TYPE":" UPDATE\_USER\_INFOR ",

"SESSION\_KEY":"",

"DATA":{

"email":"chenyang@qq.com",

"cellphone":"13426370450"

}

}"

}

}

### 5.4 创建广告

**请求地址** www.xxxx.com/index.php/advertisement/create

请求报文：

{

"version":"1.0.0",

"REQUEST\_TYPE":" CREATE\_ADVERTISEMENT",

"SESSION\_KEY":"",

"DATA":{

"image":"true",//ture标识该广告包含图片，false为不包含

"type":" supermarket ", //具体可取值可调用5.5获取广告类型列表

"publish\_position": {

"address": "上林溪",

"lat": "40.053405",

"lng": "116.333267"

},

"title" : "",//不得为空

"text\_content":"",//文本内容，目前不能超过1024个字符，不能为空

"fresh\_content":"" //保险内容，暂时置空 }

}

同时在POST的时候需要上传图片，命名为adv\_img1,具体java代码例子可参考代码

http://svn.apache.org/viewvc/httpcomponents/oac.hc3x/trunk/src/examples/MultipartFileUploadApp.java?view=co

回复报文

{

"VERSION":"1.0.0",

"STATUS":"OK",

"ERROR\_CODE":"0001",

"DATA":{

"message":"图片上传失败",

"response\_data":"",

"request\_data":"

{

{

"version":"1.0.0",

"REQUEST\_TYPE":" CREATE\_ADVERTISEMENT",

"SESSION\_KEY":"",

"DATA":{

"type":"personal", //目前只有personal和company两个选项，随后可以再确认

"publish\_position":"",//发布时间

"title" : "",

"text\_content":"",//文本内容，目前不能超过1024个字符

"fresh\_content":"" //保险内容，暂时置空 }

}

}

}

}

### 5.5 更新广告

**请求地址** www.xxxx.com/index.php/advertisement/update

请求报文：

{

"version":"1.0.0",

"REQUEST\_TYPE":" UPDATE\_ADVERTISEMENT",

"SESSION\_KEY":"",

"DATA":{

“id”:”123”,//广告ID，不得为空

"image":"true",//ture标识该广告包含图片，false为不包含

"publish\_position": {

"address": "上林溪",

"lat": "40.053405",

"lng": "116.333267"

},

"type":"personal", //目前只有personal和company两个选项，随后可以再确认

"title" : "What a fucking day",//不得为空

"text\_content":"What a fucking day",//文本内容，目前不能超过1024个字符，不能为空

"fresh\_content":"" //保险内容，暂时置空 }

}

同时在POST的时候需要上传图片，命名为adv\_img1,具体java代码例子可参考代码

http://svn.apache.org/viewvc/httpcomponents/oac.hc3x/trunk/src/examples/MultipartFileUploadApp.java?view=co

回复报文

{

"VERSION":"1.0.0",

"STATUS":"ERROR",

"ERROR\_CODE":"0001",

"DATA":{

"message":"图片上传失败",

"response\_data":"",

"request\_data":"

{

{

"version":"1.0.0",

"REQUEST\_TYPE":" CREATE\_ADVERTISEMENT",

"SESSION\_KEY":"",

"DATA":{

“id”:”123”,//广告ID，不得为空

"image":"true"，

"type":"personal", //目前只有personal和company两个选项，随后可以再确认

"publish\_position":"",//发布时间

"title" : "",

"text\_content":"",//文本内容，目前不能超过1024个字符

"fresh\_content":"" //保险内容，暂时置空 }

}

}

}

}

### 5.6 获取用户广告列表

**请求地址** www.xxxx.com/index.php/advertisement/get\_published

请求报文：

{

"version":"1.0.0",

"REQUEST\_TYPE":" GET\_PUBLISHED\_ADVERTISEMENT",

"SESSION\_KEY":"",

"DATA":{

"start":"0",//起始索引

count":"10"//请求返回个数

}

}

回复报文

{

"VERSION":"1.0.0",

"STATUS":"OK",

"DATA": [

{

"id": "30",

"uid": "98",

"type": "personal",

"publish\_position": "",

"publish\_time": "2015-07-29 09:59:24",

"title": "What a fucking day!",

"text\_content": "What a fucking day!",

"image": "data/img/adv4A77.jpg",

"fresh\_coefficient": "0",

"read\_count": "0",

"fresh\_content": "",

"last\_update\_time": null

},

{

"id": "31",

"uid": "98",

"type": "personal",

"publish\_position": "",

"publish\_time": "2015-07-29 09:59:40",

"title": "What a fucking day!",

"text\_content": "What a fucking day!",

"image": "data/img/adv87C7.jpg",

"fresh\_coefficient": "0",

"read\_count": "0",

"fresh\_content": "",

"last\_update\_time": null

},

{

"id": "32",

"uid": "98",

"type": "personal",

"publish\_position": "",

"publish\_time": "2015-07-29 10:03:01",

"title": "What a fucking day!",

"text\_content": "What a fucking day!",

"image": "data/img/adv9BE5.jpg",

"fresh\_coefficient": "0",

"read\_count": "0",

"fresh\_content": "",

"last\_update\_time": null

},

{

"id": "33",

"uid": "98",

"type": "personal",

"publish\_position": "",

"publish\_time": "2015-07-29 10:03:13",

"title": "What a fucking day!",

"text\_content": "What a fucking day!",

"image": "data/img/advCB11.jpg",

"fresh\_coefficient": "0",

"read\_count": "0",

"fresh\_content": "",

"last\_update\_time": null

}

]

}

### 5.7 获取广告类型

**请求地址** www.xxxx.com/index.php/advertisement/get\_advertisement\_type

请求报文：

{

"version":"1.0.0",

"REQUEST\_TYPE":" GET\_ADVERTISEMENT\_TYPE",

"SESSION\_KEY":"",

"DATA":{

}

}

回复报文

{

"VERSION":"1.0.0",

"STATUS":"OK",

"DATA":

{

"message":"请求广告类型成功",

"response\_data":"expressage,supermarket,housekeeping,accommodation,catering,telegraph\_pole",

"request\_data":""

}

}

**注释:** expressage快递，supermarket超市，housekeeping家政，accommodation住宿

Catering餐饮telegraph\_pole电线杆

### 5.8 获取用户信息

**请求地址** www.xxxx.com/index.php/user/get\_user\_infor

请求报文：

{

"version":"1.0.0",

"REQUEST\_TYPE":" GET\_USER\_INFORMATION",

"SESSION\_KEY":"",

"DATA":{

"uid":"98" //用户id，如果为空，表示查询当前用户的信息

}

}

回复报文

{

"VERSION": "1.0.0",

"STATUS": "OK",

"ERROR\_CODE": "",

"DATA": {

"message": "请求用户信息成功",

"response\_data": {

"name": "chenyang",

"cellphone": "13426370455",

"email": "chenyang2@qq.com",

"type": "Silver",

"register\_time": "2015-07-27 17:24:00",

"last\_login\_time": ""

},

"request\_data": {

"VERSION": "1.0.0",

"REQUEST\_TYPE": "CREATE\_ADVERTISEMENT",

"SESSION\_KEY": "94e9e1bd4007c83d7ab96ecb8f2b2536",

"DATA": {

"uid": "98"

}

}

}

}

### 5.9对广告点赞

**请求地址** www.xxxx.com/index.php/advertisement/thumb\_up\_for\_adv

请求报文：

{

"version":"1.0.0",

"REQUEST\_TYPE":" THUMB\_UP\_FOR\_ADV",

"SESSION\_KEY":"",

"DATA":{

"adv\_id":"98"

}

}

回复报文

{

"VERSION":"1.0.0",

"STATUS":"OK",

"ERROR\_CODE":"",

"DATA":{

"message":"恭喜您点赞成功",

"response\_data":"",

"request\_data":{

"VERSION":"1.0.0",

"REQUEST\_TYPE":"CREATE\_ADVERTISEMENT",

"SESSION\_KEY":"94e9e1bd4007c83d7ab96ecb8f2b2536",

"DATA":{

"adv\_id":"98"

}

}

### 5.10 关注用户

**请求地址** www.xxxx.com/index.php/user/user\_focus

请求报文：

{

"version":"1.0.0",

"REQUEST\_TYPE":" FOCUS\_USER",

"SESSION\_KEY":"",

"DATA":{

"uid ":"98"

}

}

回复报文

{

"VERSION":"1.0.0",

"STATUS":"OK",

"ERROR\_CODE":"",

"DATA":{

"message":"恭喜您关注成功",

"response\_data":"",

"request\_data":{

"VERSION":"1.0.0",

"REQUEST\_TYPE":"CREATE\_ADVERTISEMENT",

"SESSION\_KEY":"94e9e1bd4007c83d7ab96ecb8f2b2536",

"DATA":{

"adv\_id":"98"

}

}

### 5.11 取消关注用户

**请求地址** www.xxxx.com/index.php/user/user\_unfocus

请求报文：

{

"version":"1.0.0",

"REQUEST\_TYPE":" UNFOCUS\_USER",

"SESSION\_KEY":"",

"DATA":{

"uid ":"98"

}

}

回复报文

{

"VERSION":"1.0.0",

"STATUS":"OK",

"ERROR\_CODE":"",

"DATA":{

"message":"恭喜您取消关注成功",

"response\_data":"",

"request\_data":{

"VERSION":"1.0.0",

"REQUEST\_TYPE":"CREATE\_ADVERTISEMENT",

"SESSION\_KEY":"94e9e1bd4007c83d7ab96ecb8f2b2536",

"DATA":{

"adv\_id":"98"

}

}

### 5.12 广告收藏

**请求地址** www.xxxx.com/index.php/user/collect

请求报文：

{

"version":"1.0.0",

"REQUEST\_TYPE":" ADV\_COLLECT ",

"SESSION\_KEY":"",

"DATA":{

"adv\_id":"38"

}

}

回复报文

{

"VERSION":"1.0.0",

"STATUS":"OK",

"ERROR\_CODE":"",

"DATA":{

"message":"恭喜您收藏成功",

"response\_data":"",

"request\_data":{

"VERSION":"1.0.0",

"REQUEST\_TYPE":"CREATE\_ADVERTISEMENT",

"SESSION\_KEY":"94e9e1bd4007c83d7ab96ecb8f2b2536",

"DATA":{

"adv\_id":"38"

}

}

### 5.13 撤销广告收藏

**请求地址** www.xxxx.com/index.php/user/uncollect

请求报文：

{

"version":"1.0.0",

"REQUEST\_TYPE":" ADV\_UNCOLLECT ",

"SESSION\_KEY":"",

"DATA":{

"adv\_id":"38"

}

}

回复报文

{

"VERSION":"1.0.0",

"STATUS":"OK",

"ERROR\_CODE":"",

"DATA":{

"message":"恭喜您撤销收藏成功",

"response\_data":"",

"request\_data":{

"VERSION":"1.0.0",

"REQUEST\_TYPE":"CREATE\_ADVERTISEMENT",

"SESSION\_KEY":"94e9e1bd4007c83d7ab96ecb8f2b2536",

"DATA":{

"adv\_id":"38"

}

}

### 5.14 获取广告详细信息

**请求地址** www.xxxx.com/index.php/advertisement/get\_advertisement\_infor

请求报文：

{

"version":"1.0.0",

"REQUEST\_TYPE":" GET\_ADVERTISEMENT\_INFOR ",

"SESSION\_KEY":"",

"DATA":{

"adv\_id":"38"

}

}

回复报文

{

"VERSION": "1.0.0",

"STATUS": "OK",

"ERROR\_CODE": "",

"DATA": {

"message": "请求广告信息成功",

"response\_data": {

"id": "39",

"uid": "101",

"type": "expressage",//广告类型

"address": "",//发布位置

"publish\_time": "2015-08-08 17:15:01",

"title": "What a fucking day!",//标题

"text\_content": "What a fucking day!",//文本内容

"image": "data/img/adv8FCD.jpg",//图片

"read\_count": "0",//阅读数量

"zan\_num": "0"//被赞次数

},

"request\_data": {

"VERSION": "1.0.0",

"REQUEST\_TYPE": "GET\_ADVERTISEMENT\_INFOR",

"SESSION\_KEY": "94e9e1bd4007c83d7ab96ecb8f2b2536",

"DATA": {

"adv\_id": "39"

}

}

}

}

### 5.15 删除广告

**请求地址** www.xxxx.com/index.php/advertisement/delete\_advertisement

请求报文：

{

"version":"1.0.0",

"REQUEST\_TYPE":" DELETE\_ADVERTISEMENT ",

"SESSION\_KEY":"",

"DATA":{

"adv\_id":"38"

}

}

回复报文

{

"VERSION": "1.0.0",

"STATUS": "OK",

"ERROR\_CODE": "",

"DATA": {

"message": "删除广告成功",

"response\_data":””,

"request\_data": {

"VERSION": "1.0.0",

"REQUEST\_TYPE": "GET\_ADVERTISEMENT\_INFOR",

"SESSION\_KEY": "94e9e1bd4007c83d7ab96ecb8f2b2536",

"DATA": {

"adv\_id": "39"

}

}

}

}

### 5.16 获取附近的广告列表

**请求地址** www.xxxx.com/index.php/advertisement/get\_nearby\_published

请求报文：

{

"version":"1.0.0",

"REQUEST\_TYPE":" DELETE\_ADVERTISEMENT ",

"SESSION\_KEY":"",

"DATA":{

"lat":"38",

"lng":"",

"distance":"500"

}

}

回复报文

{

"VERSION":"1.0.0",

"STATUS":"OK",

"DATA": [

{

"id": "30",

"uid": "98",

"user\_name":"chenyang",

"type": "personal",

"address": "",

"publish\_time": "2015-07-29 09:59:24",

"title": "What a fucking day!",

"text\_content": "What a fucking day!",

"image": "data/img/adv4A77.jpg",

"fresh\_coefficient": "0",

"read\_count": "0",

"fresh\_content": "",

"last\_update\_time": ""

},

{

"id": "31",

"uid": "98",

"user\_name":"chenyang",

"type": "personal",

"address": "",

"publish\_time": "2015-07-29 09:59:40",

"title": "What a fucking day!",

"text\_content": "What a fucking day!",

"image": "data/img/adv87C7.jpg",

"fresh\_coefficient": "0",

"read\_count": "0",

"fresh\_content": "",

"last\_update\_time": null

},

{

"id": "32",

"uid": "98",

"user\_name":"chenyang",

"type": "personal",

"address": "",

"publish\_time": "2015-07-29 10:03:01",

"title": "What a fucking day!",

"text\_content": "What a fucking day!",

"image": "data/img/adv9BE5.jpg",

"fresh\_coefficient": "0",

"read\_count": "0",

"fresh\_content": "",

"last\_update\_time": ""

},

{

"id": "33",

"uid": "98",

"user\_name":"chenyang",

"type": "personal",

"address": "",

"publish\_time": "2015-07-29 10:03:13",

"title": "What a fucking day!",

"text\_content": "What a fucking day!",

"image": "data/img/advCB11.jpg",

"fresh\_coefficient": "0",

"read\_count": "0",

"fresh\_content": "",

"last\_update\_time": ""

}

]

}

### 5.16 取消点赞

**请求地址** www.xxxx.com/index.php/advertisement/undo\_thumb\_up\_for\_adv

请求报文：

{

"version":"1.0.0",

"REQUEST\_TYPE":" UNDO\_THUMB\_UP\_FOR\_ADV ",

"SESSION\_KEY":"",

"DATA":{

"adv\_id":"104"

}

}

回复报文

{

"VERSION":"1.0.0",

"STATUS":"OK",

"ERROR\_CODE":"",

"DATA":{

"message":"恭喜您取消点赞成功",

"response\_data":"",

"request\_data":{

"VERSION":"1.0.0",

"REQUEST\_TYPE":" UNDO\_THUMB\_UP\_FOR\_ADV",

"SESSION\_KEY":"94e9e1bd4007c83d7ab96ecb8f2b2536",

"DATA":{

"adv\_id":"104"

}

}

}

}