**接口协议 1.0**

* 约定

1. 无特别说明时，所有通信均采用http协议；
2. 发起Http Request时，在Header里应该有包含SSO的cookie项；服务器以此来验证用户身份与权限范围；
3. 无特别说明时，Http Response返回的数据均为Json格式的utf-8编码字符串；
4. 此文档涉及协议仅限于客户端向服务器直接发起的通信请求，不包括由WebBrowser控件访问的页面地址；
5. 无特别标注时，参数名、字段名均为小写；习惯上，单词之间以下划线连接，如”school\_id”；
6. 无特别说明时，时间戳为1970-1-1以来的秒数；
7. 用户id,群组id均为int,且唯一；
8. 若干场合下需要根据（用户id,群组）id % N进行分区，N通常为10；

* 协议列表
  1. 公用接口

1. **用户头像地址**

http://image.lejiaolexue.com/userlogo/{user\_id}/{size}

size 取值：

1 = 在线头像、回复头像、访客头像 30x30

2 = 微博头像 50x50

3 = reserve

4 = reserve

99 = 大头像172x172

举例：http://image.lejiaolexue.com/userlogo/122071/2

1. **App Icon地址**

http://image.lejiaolexue.com/userlogo/{app\_id}/{size}

规则同上

1. **(批量)获取用户资料(简要、全部资料)**
2. 功能描述：获取指定一批user\_id的用户资料；user\_id之间使用下划线“\_”连接；
3. 请求说明：simple = 简要资料; full = 详细资料

|  |  |
| --- | --- |
| Url | http://api.lejiaolexue.com/rest/userinfo/**simple**/{user\_id}[\_{ user\_id }]  http://api.lejiaolexue.com/rest/userinfo/**full**/{user\_id}[\_{ user\_id }] |
| Method | GET |

1. 传入参数

|  |  |  |  |
| --- | --- | --- | --- |
| 参数名 | 类型 | 必须项 | 备注 |
|  |  |  |  |
|  |  |  |  |

1. 返回（json）

Response内容部分

|  |  |  |
| --- | --- | --- |
| 属性 | 类型 | 备注 |
| result | Int32 | 0=成功  !0=错误码 |
| msg | String | 操作返回信息 |
| uig[] | bject[] | 用户资料数组，见下列示例 |
| 示例：  http://api.lejiaolexue.com/rest/userinfo/simple/123456\_121821  http://api.lejiaolexue.com/rest/userinfo/full/123456\_121821 | | |
| {  "msg": null,  "result": 0,  "uig": [  {  "BasicInfo": {  "auth\_type": 200,  "birth": "/Date(670003200000)/",  "blood\_type": 0,  "exper": 0,  "gender": 2,  "hometown": 19,  "in\_time": "/Date(1376886638963)/",  "login\_time": "/Date(1376886638963)/",  "marital": 0,  "register\_ip": "127.0.0.1",  "residence": 160,  "sign": "夫何瑰逸之令姿，独旷世以秀群。表倾城之艳色，期有德于传闻。佩鸣玉以比洁，齐幽兰以争芬。淡柔情于俗内，负雅志于高云。悲晨曦之易夕，感人生之长勤",  "uname": "鲍老师",  "update\_time": "/Date(1376886638963)/",  "user\_id": 122097,  "user\_role": 3,  "user\_type": 1  },  "Id": 122097,  "UserTitles": null  },  {  "BasicInfo": {  "auth\_type": 200,  "birth": "/Date(1353900395000)/",  "blood\_type": 0,  "exper": 0,  "gender": 1,  "hometown": 0,  "in\_time": "/Date(1376886658850)/",  "login\_time": "/Date(1376886658850)/",  "marital": 0,  "register\_ip": "192.168.2.101",  "residence": 0,  "sign": "你好，我是张飞",  "uname": "杨朝来",  "update\_time": "/Date(1376886658850)/",  "user\_id": 125907,  "user\_role": 1,  "user\_type": 1  },  "Id": 125907,  "UserTitles": null  }  ]  } | | |

1. **获取当前用户资料**
2. 功能描述：获取当前用户资料
3. 请求说明

|  |  |
| --- | --- |
| Url | http://api.lejiaolexue.com/rest/userinfo/**simple**/current  http://api.lejiaolexue.com/rest/userinfo/**full**/current |
| Method | GET |

1. 传入参数

|  |  |  |  |
| --- | --- | --- | --- |
| 参数名 | 类型 | 必须项 | 备注 |
|  |  |  |  |
|  |  |  |  |

1. 返回（json）

Response内容部分

|  |  |  |
| --- | --- | --- |
| 属性 | 类型 | 备注 |
| result | Int32 | 0=成功  !0=错误码 |
| msg | String | 操作返回信息 |
| uig | object | 用户资料,参见上述 |
|  |  |  |

1. **获取用户所在班级、学校、群组（的数组）**
2. 功能描述：获取指定user\_id所在的班级或学校记录，可能是多条，因此返回结果是一个数组；
3. 请求说明

|  |  |
| --- | --- |
| Url | http://api.lejiaolexue.com/rest/user/{user\_id}/[school,class,zone,all] |
| Method | GET |

1. 传入参数

|  |  |  |  |
| --- | --- | --- | --- |
| 参数名 | 类型 | 必须项 | 备注 |
|  |  |  |  |
|  |  |  |  |

1. 返回（json）

Response内容部分

|  |  |  |
| --- | --- | --- |
| 属性 | 类型 | 备注 |
| result | Int32 | 0=成功  !0=错误码 |
| msg | String | 操作返回信息 |
| zone[] | Object[] | 班级或学校资料数组,参见下例 |
|  |  |  |
| {  "msg": "成功",  "result": 0,  "zone": [  {  "admit\_time": "/Date(1376901955437+0800)/",  "apply\_time": "/Date(1376901955437+0800)/",  "edu\_role": 1,  "is\_primary": 1,  "mode\_born": 0,  "mode\_form": 201,  "role": 0,  "status": 200,  "user\_id": 125907,  "zone\_id": 141442,  "zone\_name": "四年级三班"  }  ]  } | | |

**举例：**

http://api.lejiaolexue.com/rest/user/125907/class

http://api.lejiaolexue.com/rest/user/125907/school

1. **获取好友列表(互粉)**
2. 功能描述：获取当前用户的好友列表
3. 请求说明

|  |  |
| --- | --- |
| Url | http://api.lejiaolexue.com/rest/user/current/closefriend |
| Method | GET |

1. 传入参数

|  |  |  |  |
| --- | --- | --- | --- |
| 参数名 | 类型 | 必须项 | 备注 |
|  |  |  |  |
|  |  |  |  |

1. 返回（json）

Response内容部分

|  |  |  |
| --- | --- | --- |
| 属性 | 类型 | 备注 |
| result | Int32 | 0=成功  !0=错误码 |
| msg | String | 操作返回信息 |
| total | Int32 | 全部记录数 |
| ur[] | Object[] | 料数组,参见下例 |
|  |  |  |
| {  "msg": "成功",  "result": 0,  "uis": [  {  "auth\_type": 200,  "gender": 1,  "uid": 122069,  "uname": "薛文泉",  "user\_role": 1,  "user\_type": 1  },  {  "auth\_type": 200,  "gender": 1,  "uid": 122071,  "uname": "蒋平",  "user\_role": 1,  "user\_type": 1  },  {  "auth\_type": 200,  "gender": 1,  "uid": 125907,  "uname": "杨朝来",  "user\_role": 1,  "user\_type": 1  },  {  "auth\_type": 200,  "gender": 2,  "uid": 126000,  "uname": "张沄萱",  "user\_role": 1,  "user\_type": 1  },  {  "auth\_type": 200,  "gender": 1,  "uid": 126057,  "uname": "丁秀申",  "user\_role": 1,  "user\_type": 1  },  {  "auth\_type": 200,  "gender": 0,  "uid": 126453,  "uname": "黄城根小学",  "user\_role": 0,  "user\_type": 3  },  {  "auth\_type": 200,  "gender": 0,  "uid": 141442,  "uname": "四年级三班",  "user\_role": 0,  "user\_type": 2  }  ]  } | | |

1. **获取班级(群组)成员列表**
2. 功能描述：获取指定班级(群组)的成员列表
3. 请求说明

|  |  |
| --- | --- |
| Url | http://api.lejiaolexue.com/rest/zone/{zone\_id}/[all,teacher,student][/?page=1&page\_size=10] |
| Method | GET |

1. 传入参数

|  |  |  |  |
| --- | --- | --- | --- |
| 参数名 | 类型 | 必须项 | 备注 |
| page | Int |  | Default = 1 |
| page\_size | int |  | Default = 10 |

1. 返回（json）

Response内容部分

|  |  |  |
| --- | --- | --- |
| 属性 | 类型 | 备注 |
| result | Int32 | 0=成功  !0=错误码 |
| msg | String | 操作返回信息 |
| total | Int32 | 全部记录数 |
| zm[] | Object[] | 成员数组,参见下例 |
|  |  |  |
| {  "msg": "成功",  "result": 0,  "total": 1,  "zm": [  {  "edu\_role": 3,  "exper": 0,  "permission": 48,  "role": 0,  "user\_id": 122097,  "zone\_id": 126453  }  ]  } | | |

**举例：**

http://api.lejiaolexue.com/rest/zone/141469/all/page=1&page\_size=50

http://api.lejiaolexue.com/rest/zone/141469/teacher

http://api.lejiaolexue.com/rest/zone/141469/student/page=1&page\_size=100

1. **获取用户的App列表**
2. 功能描述：当前用户订阅的app列表

[1-n]为终端类型id:

1 = Browser

2 = Windows PC Client

3 = Android

4 = iOS

5 = WP

1. 请求说明

|  |  |
| --- | --- |
| Url | http://api.lejiaolexue.com/rest/user/subscribeapp/[1-n] |
| Method | GET |

1. 传入参数

|  |  |  |  |
| --- | --- | --- | --- |
| 参数名 | 类型 | 必须项 | 备注 |
|  |  |  |  |
|  |  |  |  |

1. 返回（json）

Response内容部分

|  |  |  |
| --- | --- | --- |
| 属性 | 类型 | 备注 |
| result | Int32 | 0=成功  !0=错误码 |
| msg | String | 操作返回信息 |
| app[] | Object[] | 成员数组,参见下例 |
|  |  |  |
| {  "app": [  {  "app\_id": 102,  "app\_name": "微博",  "app\_type": 0,  "curr\_version": 1,  "grand\_power": 0,  "min\_version": 1,  "priority": 0,  "provider\_id": 1,  "status": 200,  "uri": "http://www.lejiaolexue.com"  },  {  "app\_id": 100,  "app\_name": "私信",  "app\_type": 0,  "curr\_version": 1,  "grand\_power": 0,  "min\_version": 1,  "priority": 0,  "provider\_id": 1,  "status": 200,  "uri": "http://www.lejiaolexue.com"  }  ],  "msg": "成功",  "result": 0  } | | |

举例：

http://api.lejiaolexue.com/rest/user/subscribeapp/3

1. **上传文件**
2. 功能描述：上传文件
3. 请求说明

|  |  |
| --- | --- |
| Url | 学生做题  http://file-stu.lejiaolexue.com/rest/user/upload/hw 微信  http://file-im.lejiaolexue.com/rest/user/upload/chat |
| Method | POST， |

1. 传入参数

|  |  |  |  |
| --- | --- | --- | --- |
| 参数名 | 类型 | 必须项 | 备注 |
| Filedata |  |  |  |
|  |  |  |  |

Form举例：

|  |
| --- |
| <form enctype="multipart/form-data" method="post" action="/rest/user/upload/chat">  <div>  <input type="file" name="filedata" /><input type="submit" value="upload" />  </div>  </form> |

1. 返回（json）

Response内容部分

|  |  |  |
| --- | --- | --- |
| 属性 | 类型 | 备注 |
| result | Int32 | 0=成功  !0=错误码 |
| msg | String | 操作返回信息 |
| url | String | 上传后的存放路径 |
|  |  |  |
| {  "msg": "上传成功",  "result": 0,  "url": "/chat/126/156/8ea2646c581d4c7cab94a814b6696560.doc"  } | | |

**举例：**

http://api.lejiaolexue.com/rest/zone/141469/all/page=1&page\_size=50

http://api.lejiaolexue.com/rest/zone/141469/teacher

http://api.lejiaolexue.com/rest/zone/141469/student/page=1&page\_size=100