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| **功能名称** | 获取access\_token和fresh\_token |
| 接口方法 | Authorizations  method:post |
| 用例 | http://www.XXXX.com/api/authorizations |
| 参数描述 | grant\_type：password  username：用户名  password：密码 |
| 返回值 | {  "code": 0,  "message": "success",  "data": {  "token": “pfX-nGL8yl5RlPTxLBxETMk",  "expire": 1557481270,//token有效期2小时  "refresh\_token": "nL5IssxvaagP96YjrPJ2Ua4vLXFqY98k",  "refresh\_expire": 1558770070//refresh\_token有效期30天  }  } |
| 备注 | 当token失效，用refresh\_token去换取新的token，请求方法还是authorizations，具体见接口二 |

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| **功能名称** | 用fresh\_token换取新的access\_token |
| 接口方法 | Authorizations  method:post |
| 用例 | http://www.XXXX.com/api/authorizations |
| 参数描述 | grant\_type：refresh\_token  refresh\_token：之前请求到的refresh\_token |
| 返回值 | {  "code": 0,  "message": "success",  "data": {  "token": “pfX-nGL8yl5RlPTxLBxETMk",  "expire": 1557481270,//token有效期2小时  "refresh\_token": "nL5IssxvaagP96YjrPJ2Ua4vLXFqY98k",  "refresh\_expire": 1558770070//refresh\_token有效期30天  }  } |
| 备注 |  |

**【注意】**以下所有请求都需要在header头里面携带token，具体格式为

Authorization Bearer ${token}

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| **功能名称** | 获取所有群列表 |
| 接口方法 | group  method:get |
| 用例 | http://www.XXXX.com/api/group |
| 参数描述 | token |
| 返回值 | {  "code": 0,  "data": [  {  "id": 1,  "groupname": "一群",  "avatar": "/uploads/20190405/1b260c5a4c28087df0cf3d66a80b0e88.jpg",  "state": -1  },  {  "id": 3,  "groupname": "二群1",  "avatar": "/uploads/20190505/7417f24c7bc96e86dfeb9606c9af95b4.jpg",  "state": 1  },  {  "id": 17,  "groupname": "为",  "avatar": "/uploads/20190507/d8d53882795ba54117673f4b27583229.jpg",  "state": 1  }  ],  "msg": "success"  } |
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| **功能名称** | 获取群成员列表信息 |
| 接口方法 | detail  method:get |
| 用例 | http://www.XXXX.com/api/detail |
| 参数描述 | id：群id  page : 请求的页码（默认为1）  pageSize：分页大小，可选参数，默认为10条  token |
| 返回值 | {  "code": 0,  "data": {  "total": 15,  "per\_page": 10,  "current\_page": 1,  "last\_page": 2,  "data": [  {  "id": 1,  "userid": 1,  "username": "纸飞机",  "useravatar": "http://cdn.firstlinkapp.com/upload/2016\_6/1465575923433\_33812.jpg",  "usersign": "在深邃的编码世界，做一枚轻盈的纸飞机",  "groupid": 1,  "state": 1  }  ]  },  "msg": "success"  } |
| 备注 | Total群总人数，per\_page分页大小，current\_page当前页码 |

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| **功能名称** | 获取群消息 |
| 接口方法 | getmsg  method:get |
| 用例 | http://www.XXXX.com/api/getmsg |
| 参数描述 | id：群id  page : 请求的页码（默认为1）  pageSize：分页大小，可选参数，默认为10条  token |
| 返回值 | {  "code": 0,  "data": {  "total": 43,  "per\_page": 10,  "current\_page": 1,  "last\_page": 5,  "data": [  {  "fromid": 0,  "fromname": "系统",  "content": "/uploads/20190510/0e1fbe729a55b745309846037adc415f.jpg",  "timeline": 1557467663  },  {  "fromid": 0,  "fromname": "系统",  "content": "/upload/20190510/7498e3c3b0f2516d4090db1c2cf86935.jpg",  "timeline": 1557467634  }  ]  },  "msg": "success"  } |
| 备注 | Total群总消息数，per\_page分页大小，current\_page当前页码  Fromid 发送者id，fromname 发送者名称，content，消息内容，timeline 发送时间 |

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| **功能名称** | 向群发送文本消息 |
| 接口方法 | msg  method:post |
| 用例 | http://www.XXXX.com/api/msg |
| 参数描述 | id：群id  msg：消息内容  token |
| 返回值 | {  "code": 0,  "data": {  "fromname": "系统",  "fromid": "0",  "fromavatar": "/uploads/admin.png",  "toid": "1",  "content": "你好",  "timeline": 1557475979,  "type": "group",  "needsend": "1"  },  "msg": "send success"  } |
| 备注 | 返回code为0即发送成功 |

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| **功能名称** | 向群发送图片消息 |
| 接口方法 | image  method:post |
| 用例 | http://www.XXXX.com/api/image |
| 参数描述 | id：群id  image：图片的file  token |
| 返回值 | {  "code": 0,  "data": {  "fromname": "系统",  "fromid": "0",  "fromavatar": "/uploads/admin.png",  "toid": "1",  "content": "/uploads/20190510/5a713580d564df9077ecaf5e74d7f9cc.jpg",  "timeline": 1557476198,  "type": "group",  "needsend": "0"  },  "msg": "upload success"  } |
| 备注 | 返回code为0即发送成功,content上传成功后的图片路径 |