## 通用参数

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 参数名 | 是否必须 | 类型 | 描述 | 取值范围 |
| ID | 是 | string | 用户ID |  |
| cmd | 是 | int | 消息命令字 |  |
| msgid | 是 | int | 消息序列 |  |
| \* | 是 |  |  |  |

## 登陆：

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 参数名 | 是否必须 | 类型 | 描述 | 取值范围 |
| pwd | 是 | string | 用户密码 |  |
| cmd | true | int |  | 0 |

请求示例：

{

"ID": "10000"

"cmd": 0

"msgid": 0

"pwd": "xxxxxxx"

}

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 参数名 | 是否必须 | 类型 | 描述 | 取值范围 |
| success | true | bool | 执行成功/失败 | true/false |
| reason | true | string | 执行失败原因 |  |
| user | true | object | 用户对象 |  |
| exe\_cmd | true | int | 执行的命令号 | =服务器接受到的cmd |
| cmd |  |  |  | 98 |

响应示例

{

"ID": "0"

"cmd": 98

"msgid": 0

"success": true

"resaon": “success”

“exe\_cmd”: 0

"user":{

"ID":”1000”

"nick\_name": “IT”

"online": true

"sex": "M"

"birthday":"2018-01-01"

"desc":”ITer”

"ext\_info":{}

"groups": {

"friends": [{“ID”:”10001”, “nick\_name”:”singer”, “online”: true]

"classmates": [{“ID”:“10002”, “nick\_name”:”crazy”, “online”: false}]

}

}

}

## 注销

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| cmd |  |  |  | 1 |

请求示例

{

"ID":“10000”

"cmd": 1

"msgid": 0

}

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| cmd |  |  |  | 99 |
| exe\_cmd | true | int | 返回执行的命令id | =服务器接受到的cmd |
| success | true | bool | exe\_cmd执行成功/失败 |  |

响应示例

{

"ID":"0"

"cmd": 99

"msgid": 0

“exe\_cmd”: 1

"success":true

"reason":”success”

}

## 注册

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| pwd | true | string | 设置用户密码 |  |
| nick\_name | true | string | 设置昵称 |  |
| cmd |  |  |  | 2 |

注册示例

{

"ID": "0"

"cmd": 2

"msgid": 0

"pwd": “xxxxxx”

"nick\_name": “ITer”

}

响应示例：

[见注销](#_注销)

## 请求用户信息

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| cmd |  |  |  | 3 |

请求示例

{

"ID": "10000"

"cmd": 3

"msgid": 0

}

响应

[见登陆](#_登陆：)

## 聊天消息

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| chat | true | string | 聊天信息 |  |
| friend\_id | true | string | 好友id |  |
| nick\_name | true | string/null | 好友昵称 |  |
| cmd |  |  |  | 4 |

请求示例

{

"ID":10000”

"cmd": 4

"msgid": 0

"chat":”hello!”

"friend\_id":”10001”

"nick\_name":”singer”

}

响应示例：

返回给发送者：ID为10000的用户

[见注销](#_注销)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| chat | true | string | 聊天信息 |  |
| friend\_id | true | string | 好友id |  |
| nick\_name | true | string/null | 好友昵称 |  |
| cmd |  |  |  | 4 |

返回给接收者：ID为10001的用户

{

"ID":0”

"cmd": 4

"msgid": 0

"chat":”hello!”

"friend\_id":”10000”

"nick\_name":”ITer”

}

## 添加/删除好友

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| group | true | string | 好友分组 | 分组名称 |
| add | true | bool | 添加/删除 | true/false |
| cmd |  |  |  | 5 |

请求示例：

{

"ID":“10000”

"cmd": 5

"msgid": 0

"friend\_id":“123456”

"nick\_name":null

"group":”friends”

"add":true/false

}

添加好友响应：

发送请求者收到的响应

[见注销](#_注销)

接收好友请求者收到的响应,同添加好友格式

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| add |  |  |  | true |

{

"ID":“0”

"cmd": 5

"msgid": 0

"friend\_id":“10000”

"nick\_name":”ITer”

"group":null

"add":true

}

删除好友响应:

[见注销](#_注销)

## 同意拒绝添加好友

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| friend\_id | true | string | 请求加好友的id |  |
| nick\_name | true | string | 请求者的昵称 |  |
| accept | true | bool | 同意/拒绝 | true/false |
| cmd |  |  |  | 7 |

请求示例

{

"ID" “123456”:

"cmd": 7

"msgid": 0

"group": “friends”

"friend\_id":”10000”

“nick\_name”: “ITer”

"accept":true/false

}

响应示例

发送者

[见注销](#_注销)

接收者

同请求格式

发出请求的客户端收到的响应

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| accept | true |  |  | false |
| friend\_id | true |  | 拒绝者的ID |  |
| nick\_name | true |  | 拒绝者的昵称 |  |

{

"ID" “10000”:

"cmd": 7

"msgid": 0

"group": “friends”

"friend\_id":”123456”

“nick\_name”:“haha”

"accept":false

}

## 添加/删除分组

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| group | true | string | 要删除的分组 |  |
| moveto | true | string | 将删除的分组的好友移动到该分组 | string/null |
| cmd |  |  |  | 6 |

请求示例：

{

"ID":“10000”

"cmd": 6

"msgid": 0

"group":“classmates”

“moveto”:”friends”

"add": true/false

}

响应示例

添加分组：

[见注销](#_注销)

删除分组：

[见登陆](#_登陆：)

## 查询好友信息

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  |  |  |  |

请求示例：

{

"ID":“10000”

"cmd": 8

"msgid": 0

"friend\_id":“10001”

}

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| result | true | user\_info对象 | 返回好友的公开信息 |  |
| group | true | string | 好友所在组 |  |

响应示例：

{

"ID":”0”

"cmd": 96

"msgid": 0

“group”: “friends”

"result": {

"ID":”10001”

"nick\_name":”singer”

"online":true

"sex":”F”

"birthday":”2017-01-01”

"desc":”singer”

"ext\_info":{}

}

}

## 查找好友

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| friend\_id |  | string | id不为空，优先按id查找，否则按nick\_name查找 |  |
| fuzzy |  | bool | 模糊查找 |  |
| cmd |  |  |  | 9 |

请求示例

{

"ID": "10000"

"cmd": 9

"msgid": 0

"friend\_id": null

"nick\_name": “haha”

"fuzzy": true

}

响应示例

{

'ID': '0',

'cmd':95

'msgid': 0,

'result': [

{

“ID”: “123456”,

“nick\_name”: “haha”

}

{

“ID”: “654321”,

“nick\_name”: “heihahahei”

}

]

}

## 设置个人信息

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| nick\_name |  | sting | 昵称 |  |
| sex |  | string | 性别 | “M” / “F” |
| allow\_find |  | bool | 允许被查找 |  |
| birthday |  | string | 生日 | “0000-00-00” |
| desc |  | string | 个性签名 |  |
| ext\_info |  | dict | 扩展，暂时无效 |  |
| cmd |  |  |  | 11 |

请求示例

{

"ID":”10000”

"cmd": 10

"msgid": 0

"nick\_name":”ITer”

"sex":”M”

“allow\_find”: false

"birthday":”2018-01-01”

"desc":”hello, world”

"ext\_info":{}

}

## 修改密码

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| old\_pwd | true | string | 旧密码 |  |
| new\_pwd | true | string | 新密码 |  |
| cmd |  |  |  | 11 |

请求示例

{

"ID":“10000”

"cmd": 11

"msgid": 0

"old\_pwd":“12345678”

"new\_pwd":“87654321”

}

响应示例

[见注销](#_注销)

## 好友上线通知

响应示例

{'ID': '0',

'cmd':97

'msgid': 0,

'friend\_id': “10001”,

'nick\_name': “singer”,

'online': true

}