

# Authentication & Authorization For the Wechaty Chatbot



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Creator of Wechaty  
Sep 3, 2021

# Authentication

who are you ?



401 Unauthorized

# Authorization

what you can do?



403 Forbidden

# 连接全球人与应用

Authing 快速实现任何 Web、App 和企业软件的身份认证和用户管理，为你的客户和员工提供最完善的登录解决方案。

输入手机号立即开始

免费使用

# Wechaty ❤️ Authing

✓ 3000 次免费认证次数

✓ 体验所有功能

1. Authing login mini-program Wechaty Plugin integration
2. Wechaty Room Identity Provisioning
3. One Time Password via Wechaty (OTP)

# 1. Authing Login Mini-program Plugin

Wechaty Plugin for sending Authing mini-program to contacts

Wechaty Wishlist: <https://github.com/wechaty/wishlist/issues/58>

```
import { WechatyAuthing } from 'wechaty-authing'
const bot = new Wechaty()
const authing = new WechatyAuthing({
  authingId: 'xxx',
  authingKey: 'xxx',
  callbackUrl: 'https://xxx',
})
bot.use(authing.plugin())

bot.on('message', async message => {
  const talker = message.talker()
  const profile = authing.getProfile(talker)
  if (!profile) {
    await message.say('Hello new user!, please click the mini program to auth yourself before we can talk more')
    miniProgram = botAuthing.getAuthMiniProgram(contact)
    message.say(miniProgram)
  } else {
    await message.say('Hello old friends!, I know you a lot: ' + JSON.stringify(profile))
  }
})
```

5:22



周瑞宸Ricardo



下午4:44

周瑞宸 Ricardo 刚刚把你添加到通讯录，现在可以开始聊天了。



周瑞宸 Ricardo@商汤科技

以上是打招呼的内容



你已添加了周瑞宸 Ricardo，现在可以开始聊天了。

Huan(李卓桓)

A angel investor focus on ML  
& Conversational AI, full of  
passion Chatbot Evangelist!



Input field for sending messages



## 2. Wechaty Room Identity Provisioning

Room Members  
as the source truth  
to SAML/CAS

Wechaty Wishlist:

<https://github.com/wechaty/wechaty-wishlist/issues/59>

GET /rooms/{id}

Room

Parameters

Name	Description
id * required	id
string	
(path)	

Responses Response content type application/json

Code Description

200 A successful response.

Example Value | Model

```
{
  "id": "string",
  "topic": "string",
  "avatar": "string",
  "ownerId": "string",
  "adminIds": [
    "string"
  ],
  "memberIds": [
    "string"
  ]
}
```

GET /rooms/{id}/members/{memberId}

Room Member

Parameters

Name	Description
id * required	id
string	
(path)	
memberId * required	memberId
string	
(path)	

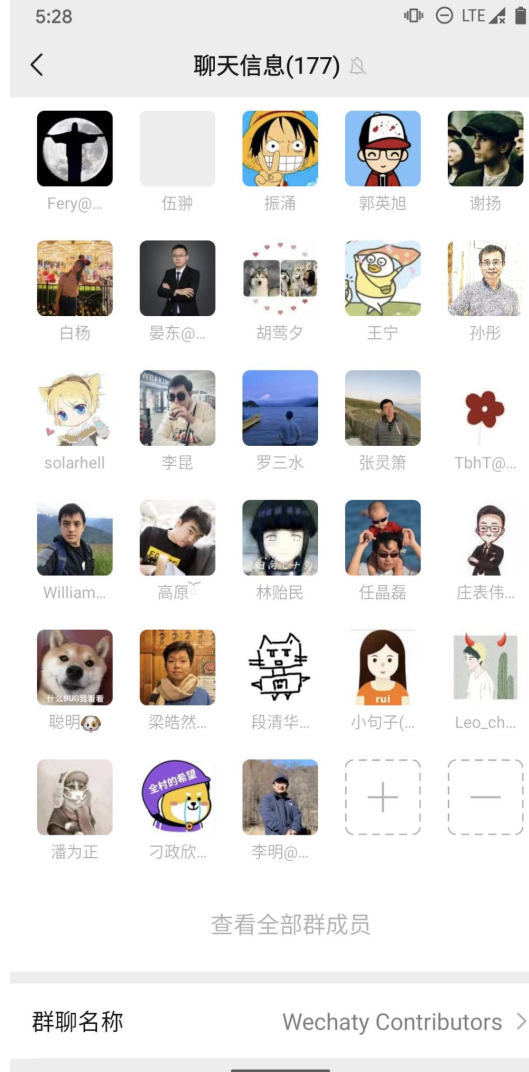
Responses Response content type application/json

Code Description

200 A successful response.

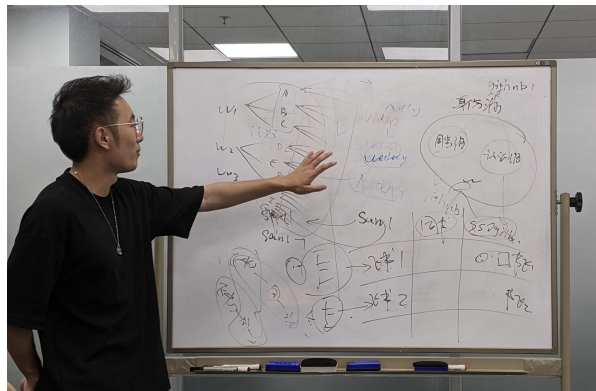
Example Value | Model

```
{
  "id": "string",
  "roomAlias": "string",
  "inviterId": "string",
  "avatar": "string",
  "name": "string"
}
```



## Wechaty 上关于身份的问题

### Notes from Yang Xie



1. Unionid 消息推送
2. 数据授权、家人分享、患者沟通权限访问、患者授权、非人授权问题、医疗信息私有云
3. 组织架构
4. 博彩网站, 聊天窗口, 没有登录的过程(输用户名、邮箱, 无认证过程)无 form 如何做认证
5. 只有文本的时候如何认证
  1. OTP
6. Chatbot 移动客户端
  1. 后端 AI
  2. UX
7. 知道身份之后如何给画像和标签
8. 反作弊, 拉企微的群老是拉到推广和广告, 如何踢出

1. 微信群小程序
2. 微信群权限, 群身份供应
3. 运营商短信 OTP 重做一次
4. 现场会议身份供应



# BOT Friday Club, Sep 3, 2021

<http://bot5.ml/events/seminar-minutes-2021-04/>

Hosted at Authing.cn office





## Connect ChatBots

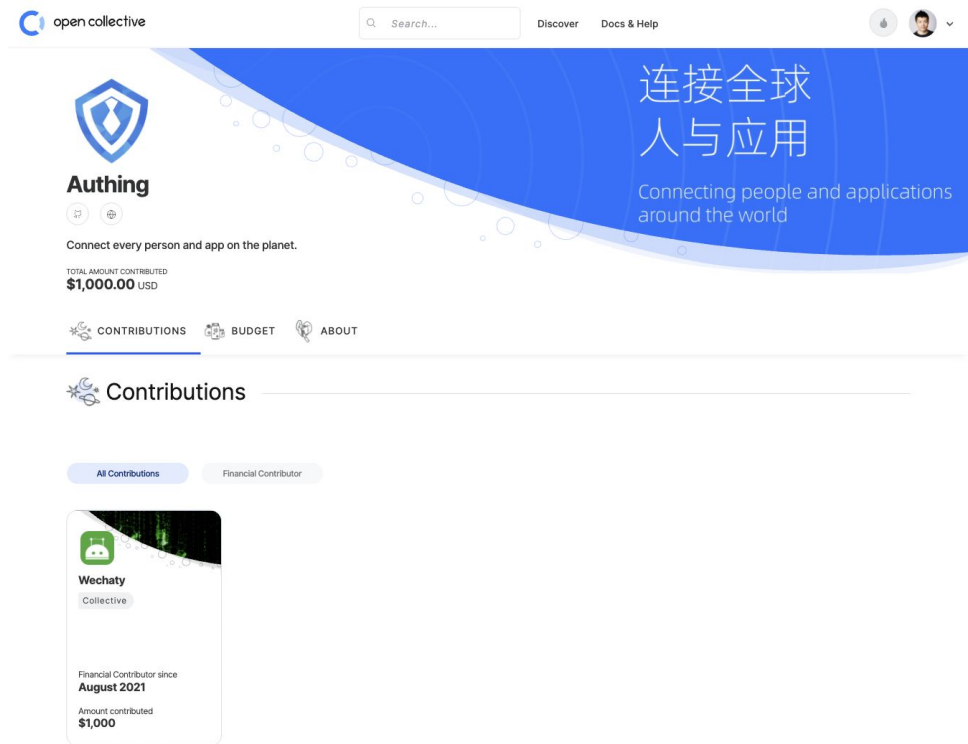
Wechaty is a Conversational RPA SDK for building a chatbot in 6 lines of code, with cross-platform support including WeChat, Whatsapp, WeCom, Gitter, DingTalk, etc.



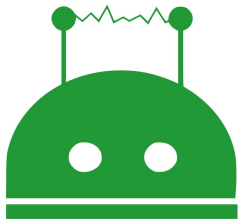


# Wechaty Golden Sponsor

<https://opencollective.com/authing>



<https://opencollective.com/wechaty>



# Thanks

- Website: <https://wechaty.js.org>
  - Docs: <https://wechaty.js.org/docs/>
  - Blog: <https://wechaty.js.org/blog/>
  - Contributors: <https://wechaty.js.org/contributors/>
- GitHub: <https://github.com/wechaty/>

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