飞书puppet开发

基于开放 API 封装 Wechaty 接口下的飞书聊天机器人

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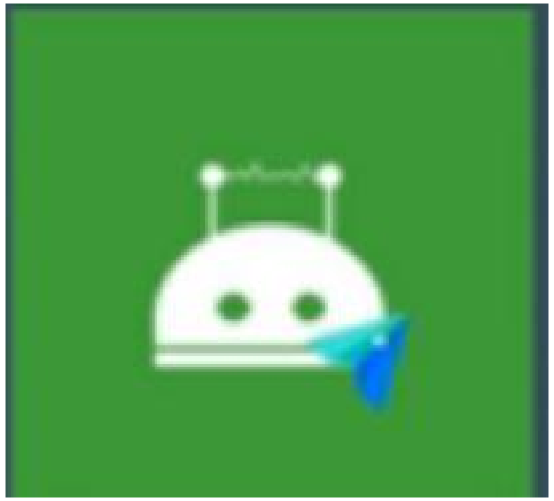
项目介绍

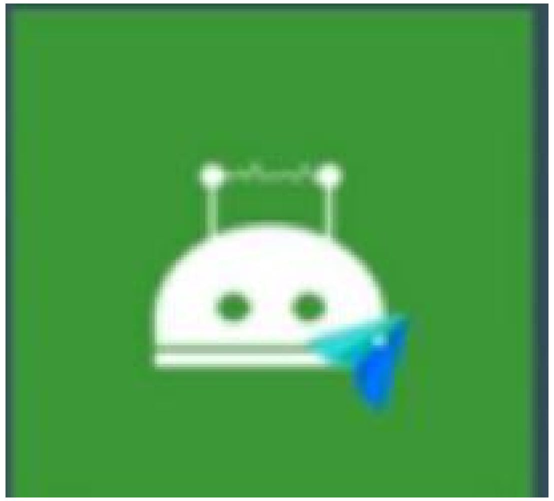
项目介绍

- wechaty是全球最大的开源聊天机器人框架，希望实现基于同一套应用层代码实现不同软件的聊天机器人。
- 飞书越来越开放便于企业管理，更符合wechaty的理念，更便于实现wechaty的高效功能。
- 我们希望实现通用的api设计，更方便今后的开发人员在飞书上使用wechaty



项目介绍

- 在暑假2020的第一代发展上，我们得到了wechaty的基本雏形，结合早起wechaty的应用开发出基本版本
- 但原有的api上飞书官方有更新
- 代码没有实现类包装，形式上有待整合
- 需要进一步完善相关的函数来实现代码复用，以及之后的npm包成熟发布



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需求分析

Lorem Ipsum is simply dummy text of the printing and typesetting industry.

需求分析

原有框架

1

- 更新api版本，熟悉飞书api和wechaty。.

2

- 对于其中函数进行完善更新

3

- 连接Contact、Message、Room等类，尝试实现复用
- 撰写文档、example
- .发布npm包

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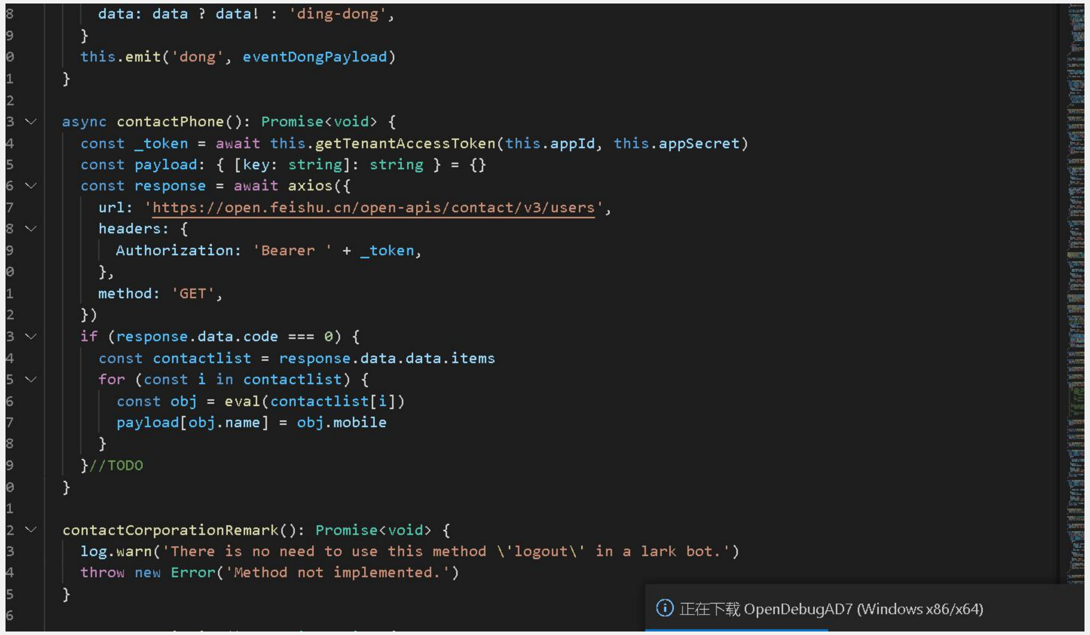
项目进展

Lorem Ipsum is simply dummy text of the printing and typesetting industry.

项 目 进 展

- 更新api版本，熟悉飞书api和wechaty。
- 实现之前未实现的函数

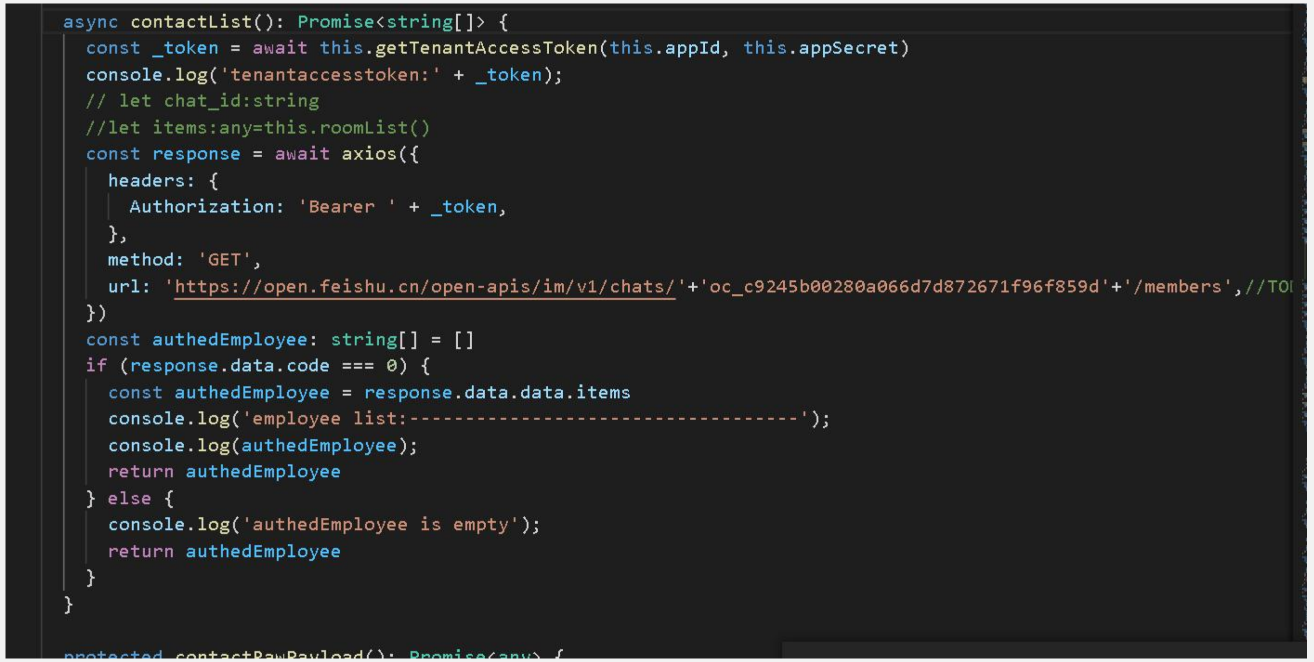


```
      data: data ? data! : 'ding-dong',
    }
    this.emit('dong', eventDongPayload)
  }

  async contactPhone(): Promise<void> {
    const _token = await this.getTenantAccessToken(this.appId, this.appSecret)
    const payload: { [key: string]: string } = {}
    const response = await axios({
      url: 'https://open.feishu.cn/open-apis/contact/v3/users',
      headers: {
        Authorization: 'Bearer ' + _token,
      },
      method: 'GET',
    })
    if (response.data.code === 0) {
      const contactlist = response.data.data.items
      for (const i in contactlist) {
        const obj = eval(contactlist[i])
        payload[obj.name] = obj.mobile
      }
    }//TODO
  }

  contactCorporationRemark(): Promise<void> {
    log.warn('There is no need to use this method \'logout\' in a lark bot.')
    throw new Error('Method not implemented.')
  }
```

正在下载 OpenDebugAD7 (Windows x86/x64)

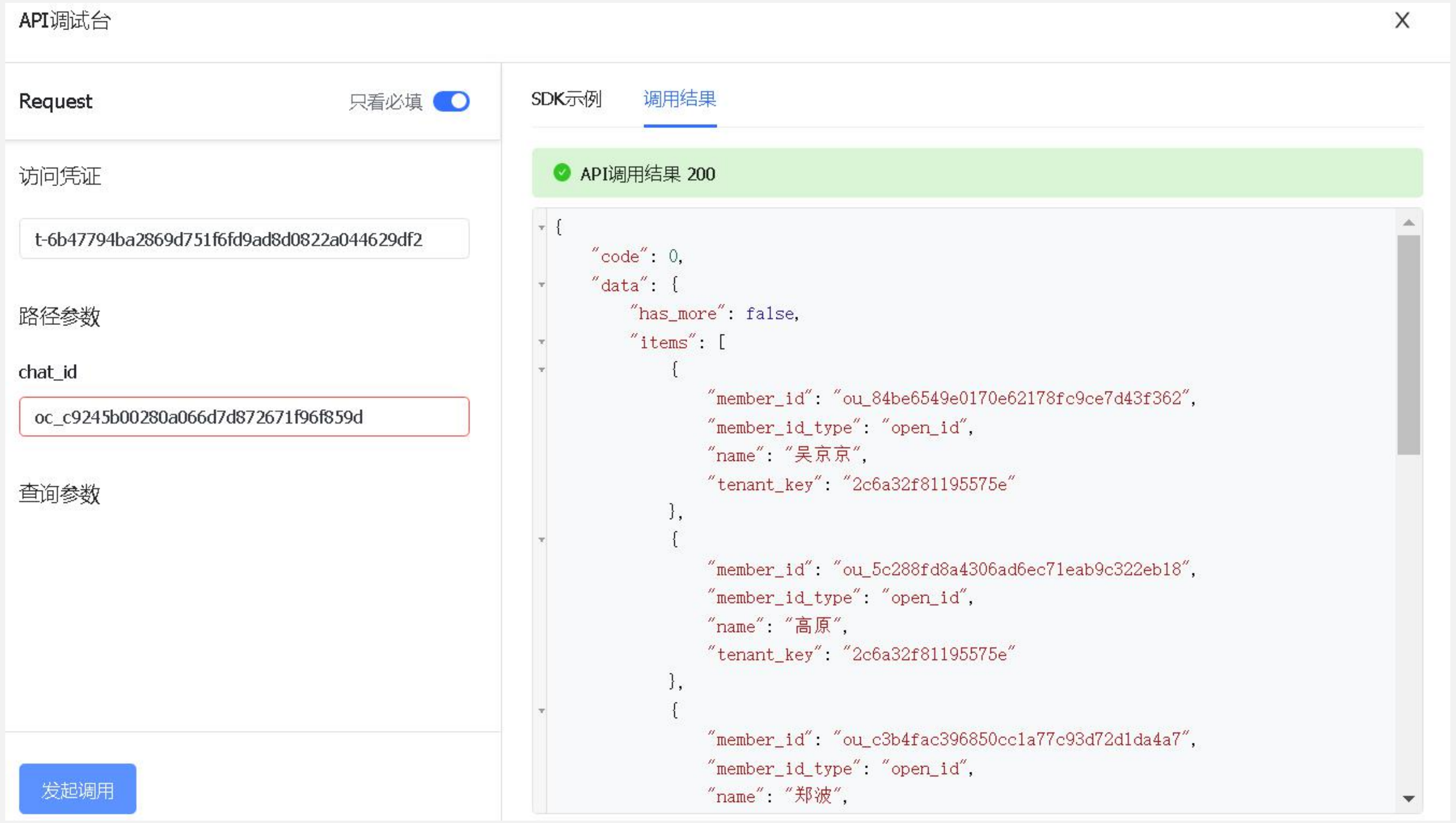


```
async contactList(): Promise<string[]> {
  const _token = await this.getTenantAccessToken(this.appId, this.appSecret)
  console.log('tenantaccesstoken:' + _token);
  // let chat_id:string
  //let items:any=this.roomList()
  const response = await axios({
    headers: {
      Authorization: 'Bearer ' + _token,
    },
    method: 'GET',
    url: 'https://open.feishu.cn/open-apis/im/v1/chats/'+'oc_c9245b00280a066d7d872671f96f859d'+'/members',//TO
  })
  const authedEmployee: string[] = []
  if (response.data.code === 0) {
    const authedEmployee = response.data.data.items
    console.log('employee list:-----------------------------------');
    console.log(authedEmployee);
    return authedEmployee
  } else {
    console.log('authedEmployee is empty');
    return authedEmployee
  }
}

protected contactRawPayload(): Promise<any> {
```

项 目 进 展

- 更新api版本，熟悉飞书api和wechaty。
- 实现之前未实现的函数
- 官方网站测试



API调试台

Request 只看必填

访问凭证

t-6b47794ba2869d751f6fd9ad8d0822a044629df2

路径参数

chat_id

oc_c9245b00280a066d7d872671f96f859d

查询参数

发起调用

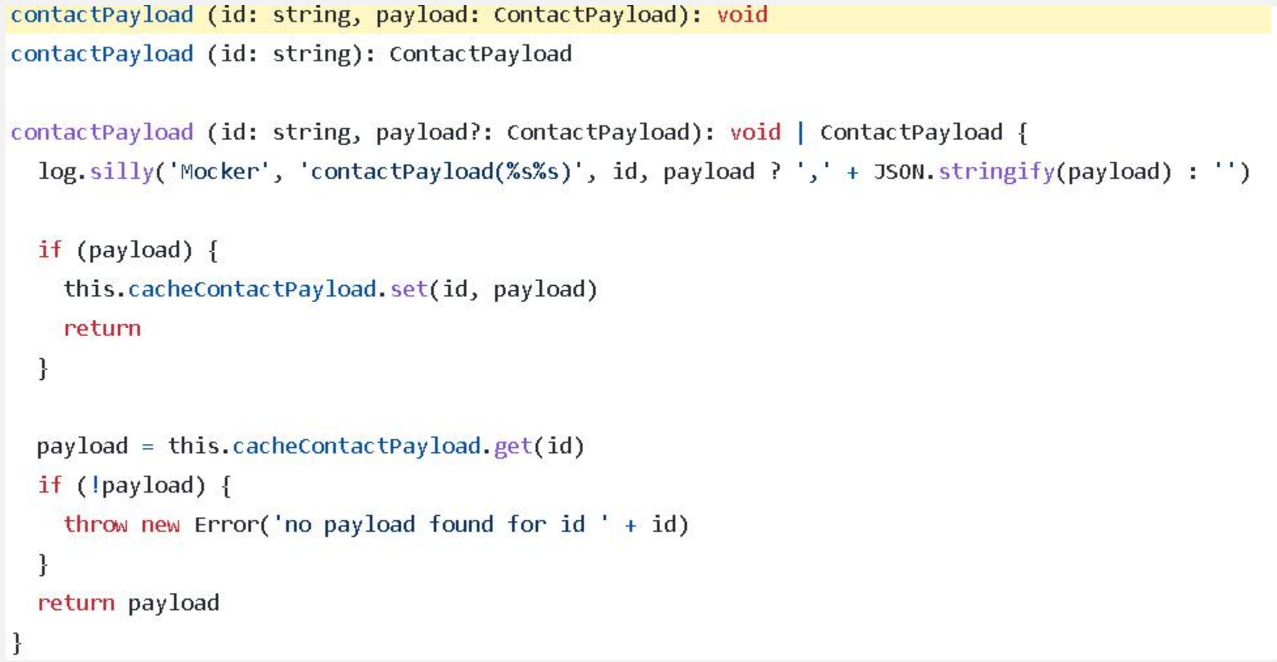
SDK示例 调用结果

API调用结果 200

```
{
    "code": 0,
    "data": {
        "has_more": false,
        "items": [
            {
                "member_id": "ou_84be6549e0170e62178fc9ce7d43f362",
                "member_id_type": "open_id",
                "name": "吴京京",
                "tenant_key": "2c6a32f81195575e"
            },
            {
                "member_id": "ou_5c288fd8a4306ad6ec71eab9c322eb18",
                "member_id_type": "open_id",
                "name": "高原",
                "tenant_key": "2c6a32f81195575e"
            },
            {
                "member_id": "ou_c3b4fac396850cc1a77c93d72d1da4a7",
                "member_id_type": "open_id",
                "name": "郑波",
```

项 目 进 展

- 更新api版本，熟悉飞书api和wechaty。
- 实现之前未实现的函数

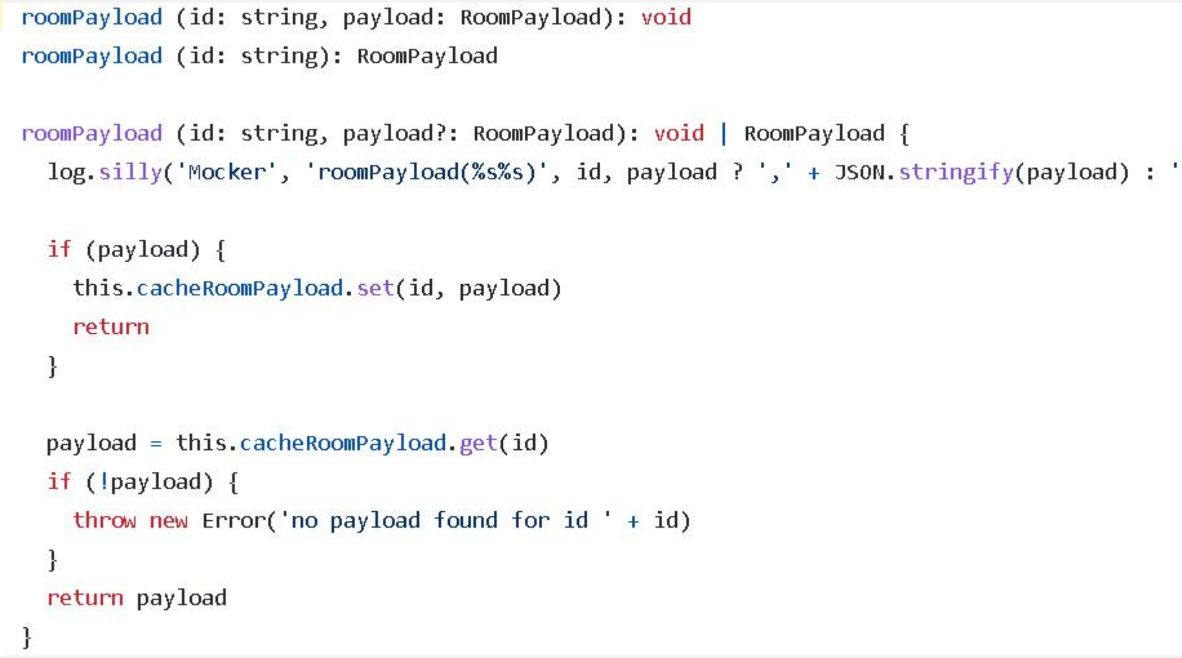


```
contactPayload (id: string, payload: ContactPayload): void
contactPayload (id: string): ContactPayload

contactPayload (id: string, payload?: ContactPayload): void | ContactPayload {
  log.silly('Mocker', 'contactPayload(%s%s)', id, payload ? ',' + JSON.stringify(payload) : '')

  if (payload) {
    this.cacheContactPayload.set(id, payload)
    return
  }

  payload = this.cacheContactPayload.get(id)
  if (!payload) {
    throw new Error('no payload found for id ' + id)
  }
  return payload
}
```



```
roomPayload (id: string, payload: RoomPayload): void
roomPayload (id: string): RoomPayload

roomPayload (id: string, payload?: RoomPayload): void | RoomPayload {
  log.silly('Mocker', 'roomPayload(%s%s)', id, payload ? ',' + JSON.stringify(payload) : '

  if (payload) {
    this.cacheRoomPayload.set(id, payload)
    return
  }

  payload = this.cacheRoomPayload.get(id)
  if (!payload) {
    throw new Error('no payload found for id ' + id)
  }
  return payload
}
```

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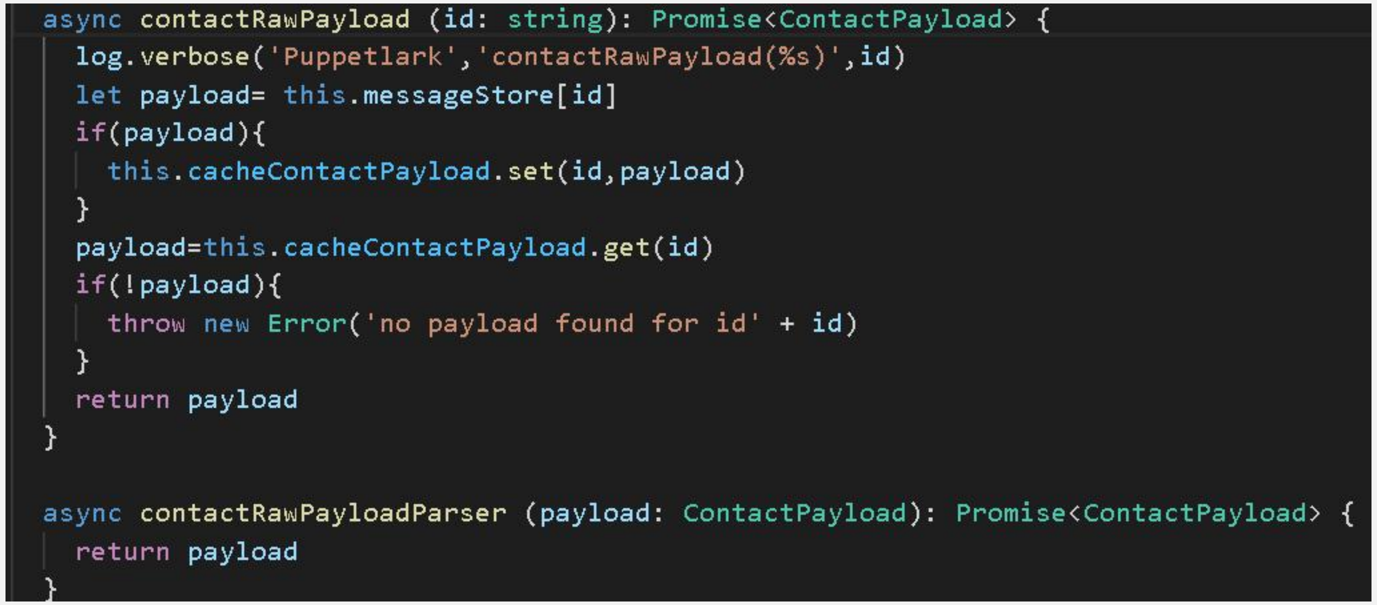
中后期进展

项目介绍

- 实现payload对接，对接wechaty的接口，参考
- 做代码测试
- 发布npm包
- 参考：https://github.com/wechaty/wechaty-puppet-mock/blob/main/src/puppet-mock.ts



```
async contactRawPayload (id: string): Promise<ContactPayload> {
  log.verbose('Puppetlark','contactRawPayload(%s)',id)
  let payload= this.messageStore[id]
  if(payload){
    this.cacheContactPayload.set(id,payload)
  }
  payload=this.cacheContactPayload.get(id)
  if(!payload){
    throw new Error('no payload found for id' + id)
  }
  return payload
}

async contactRawPayloadParser (payload: ContactPayload): Promise<ContactPayload> {
  return payload
}
```

实际应用

- 飞书方面权限配置要求
- 飞书的官方文档也在持续更新，需要关注官方文档的变化
- 可以将飞书方面不同的功能调用不同的api