# 微信技术应用

* 模板消息推送

## 微信的特性

### 微信授权

#### 获取openId

* 手工方式
* 官方文档 – <https://mp.weixin.qq.com/wiki>
* 设置域名
* 获取code
* 换取access\_token
* 调试 – <https://natapp.cn>
* 利用第三方SDK

<https://github.com/Wechat-Group/WxJava>

# 患者前后端对接说明

## 获取在线医生数

GET /doctor/onlineDoctorNum

### 返回参数

{

"code": 0,

"msg": "成功",

"data": [

{

"doctorNum": "200"

}

]

}

## 选择科室列表 (默认展示科室排列)

GET /department/list/{pageIndex}/{pageNum}

### 返回参数

{

"code": 0,

"msg": "成功",

"data": [

{

"departmentId": "123456",

"departmentName": "科室名称",

"onlineDoctorCount": "6",

"deptIcon": "http://xxx.com",

}

]

}

## 查看科室在线医生

GET /department/selected/{id}/{pageIndex}/{pageNum}

### 返回参数

{

"code": 0,

"msg": "成功",

"data": [

{

"doctorId": "324223",

"deptId": "111",

"doctorName": "张三",

"doctorIcon": "<http://xxx.com/xx.png>",// 备注:医生头像

"onlineState": "0",//备注：是否在线，0-在线，1-离线

"doctorLevel": "亚特兰登",

"doctorSkill": "医生技能",

"consultationMoney": "999",

"consultationNum": 88,

"responseRate": 100%

}

]

}

## 查看医生详情

GET /doctor/detail/{doctorId}/{openId}

### 返回参数

{

"code": 0,

"msg": "成功",

"data":

{

"doctorId": "324223",

"doctorName": "刘新",

"doctorIcon": " http://xxx.com/xx.png",

"deptId": "111",

"doctorLevel": "亚特兰登",

"doctorSkill": "医生技能",

"hospitalName": "所属医院名称"

"deptName": "科室名称",

"qrCodeImg":" <http://xxx.com/xx.png>",// 二维码

"consultationNum": 88, //咨询数

"collectionNum": 10, // 收藏数

"isCollection": "0",//备注：是否收藏，0-为收藏，1-收藏

"onlineState": "0",//备注：是否在线，0-在线，1-离线

"responseRate": 100%,

"doctorIntroduction": "医生简介",

" consulOrder": {

"openId": "324223",

"doctorId": "324223",

"startConsulTime": "2019-06-15 0:58:32",

"endConsulTime": "2019-06-14 19:58:32",

"remainingHours": "6",//备注：离咨询结束剩余小时

},

}

}

### 点击收藏

POST /doctor/activeCollection

#### 返回参数

{

"code": 1,

"msg": "已收藏",

}

### 用户对医生的评价列表

GET /doctor/evaluateList/{doctorId}

#### 返回参数

{

"code": 0,

"msg": "成功",

"data": [

{

"openId": "324223",

"thePatientId": "324223",

"evaluateLabelSeqText": "回复及时，有耐心",

"evaluateContent": "回复内容",

"starLevel": "5",

"wxIcon": "<http://xxx.com/xx.png>",

"patientName": "张\*\*"

},

……

]

}

### 发起咨询

post /doctor/activeConsul/{openId}/{doctorId}

#### 返回参数

{

"code": 0,

"msg": "成功",

"doctor":

{

"doctorId": "324223",

"doctorName": "许中",

"doctorIcon": " http://xxx.com/xx.png",

"deptId": "111",

"doctorLevel": "亚特兰登",

"hospitalName": "所属医院名称"

"deptName": "科室名称",

},

"consulList": [

{

"name": "张三",

"medicalNum": "3242342342"

},

......

]

}

## 咨询记录

GET /doctor/consultationRecords/{openId/{pageIndex}/{page

### 返回参数

{

"code": 0,

"msg": "成功",

"data": [

{

"doctorId": "324223",

"doctorName": "许中",

"doctorIcon": " http://xxx.com/xx.png",

"deptId": "111",

"doctorLevel": "亚特兰登",

"deptName": "科室名称",

}

...

]

}

## 首页轮播图

GET /home/lunbo

### 返回参数

{

"code": 0,

"msg": "成功",

"data": [

{

"Img": "http://xxx.com",

},

{

"Img": "http://xxx.com",

}

]

}

## 科室在线医生

GET /home/deptOnDocList/{pageIndex}/{pageNum}

### 返回参数

{

"code": 0,

"msg": "成功",

"data": [

{

"deptId": "123456",

"deptName": "科室名称",

"deptIcon": "http://xxx.com",

"onDocList":[

{

"doctorId": "324223",

"doctorIcon": " http://xxx.com/xx.png",

"deptId": "111",

"doctorLevel": "主治医师",

"doctorName": "名称",

"onlineState": "0",//备注：是否在线，0-在线，1-离线

},

......

]

},

……

]

}

## 全文检索

POST /home/fullTextRetrieval/{pageIndex}/{pageNum}

### 返回参数

{

"code": 0,

"msg": "成功",

"data": [

{

"doctorId": "324223",

"deptId": "111",

"doctorLevel": "亚特兰登",

"doctorSkill": "医生技能",

"consultationMoney": "999",

"consultationNum": 88,

"responseRate": 100%

},

……

]

}

## 个人中心

### 我的收藏的医生

GET /home/mycenter/collectDocts/{openId }

#### 返回参数

{

"code": 0,

"msg": "成功",

"data": [

{

"doctorId": "324223",

"doctorName": "哼哈",

"doctorIcon": " http://xxx.com/xx.png",

"deptId": "111",

"deptName": "妇科",

"doctorLevel": "亚特兰登",

"doctorSkill": "医生技能"

},

……

]

}

### 就诊人管理

GET /home/mycenter/consulManger/{openId }

#### 返回参数

{

"code": 0,

"msg": "成功",

"data": [

{

"name": "张三",

"medicalNum": "3242342342",

"electronicsQRCode": "http://xxx.com/xx.png", //电子二维码

"electronicsHealthCard": "http://xxx.com/xx.png" //电子健康卡

},

……

]

}

### 添加就诊卡

POST /home/mycenter/addPatient

#### 返回参数

{

"code": 0,

"msg": "成功"

}

### 我的挂号

# 医生前后端对接说明

## 个人中心

GET /enterprise/mycenter/{doctorID }

#### 返回参数

{

"code": 0,

"msg": "成功",

"data":

{

"doctorId": "324223",

"icon": " http://xxx.com/xx.png",

"departmentId": "111",

"doctorLevel": "亚特兰登",

"hospitalName": "所属医院名称"

"departmentName": "科室名称",

"QRcodeIcon":" <http://xxx.com/xx.png>",

"consultationNum": 88,

"collectionNum": 10,

"evaluateNum": 10,

"isOnline": "0",//备注：是否在线，0-在线，1-离线

"responseRate": 100%,

"doctoRresume": "医生简介"

}

}

## 编辑资料

GET /enterprise/edictDoctor/{doctorID }

#### 返回参数

{

"code": 0,

"msg": "成功",

"data":

{

"doctorId": "324223",

"icon": " <http://xxx.com/xx.png>",

"doctorName": "雅阁",

"departmentId": "111",

"doctorLevel": "医师",

"hospitalName": "所属医院名称"

"departmentName": "科室名称",

"QRcodeIcon":" <http://xxx.com/xx.png>",

"phoneNum": "13678005440",

"workNum":"45416556498",

"doctorSkill":"医生擅长" ,

"doctoRresume": "医生简介"

}

}

## 编辑提交更新（需管理员审核）

POST /enterprise/edictDoctor

#### 返回参数

{

"code": 0,

"msg": "成功"

}

## 我的评价

GET /enterprise/myEvaluateNum/{doctorID }

#### 返回参数

{

"code": 0,

"msg": "成功",

"data":

{

"evaluateQuantity": "324223",

"avgSocre": " 3.5",

"evaluateList": [

{

"evaluateLabel": "回复及时，有耐心",

"evaluateContent": "回复内容",

"starRatingLevel": "5",

"icon": "<http://xxx.com/xx.png>",

"fullName": "张三"

}

]

}

}

## 我的收入

## 常用回复

GET /enterprise/commonReplies

#### 返回参数

{

"code": 0,

"msg": "成功",

"data": [

{

"replieID": "1",

"replieComent": "最近如何",

},

.......

]

}

## 删除常用回复

DELETE /enterprise/deleteReplie/{replieID}

#### 返回参数

{

"code": 0,

"msg": "成功"

}

## 添加常用回复

POST/enterprise/addReplie

#### 返回参数

{

"code": 0,

"msg": "成功"

}

## 编辑常用回复

POST/enterprise/editReplie

#### 返回参数

{

"code": 0,

"msg": "成功"

}

## 咨询记录

POST /enterprise/consultationRecords/{doctorID}

#### 返回参数

{

"code": 0,

"msg": "成功",

"data": [

{

"recordID": "1",

"userID": "1",

"gender": "男",

"age": "23",

"consulDate": "2019/06/14",

},

.......

]

}

## 咨询记录内容

MySQL关系数据库:

咨询记录表

|  |  |
| --- | --- |
| **主键** | **其他.......** |
| 1 | 咨询记录1 |

MongDB非关系数据库：

咨询内容表

|  |  |  |  |
| --- | --- | --- | --- |
| **主键** | **关联外键** | **咨询人** | **医生** |
| 1 | 1 | 张三：{} |  |
| 2 | 1 |  | 李四：{} |
| 3 | 1 | 张三：{} |  |
| 4 | 1 |  | 李四：{} |

|  |  |
| --- | --- |
| **咨询人** | ***IdentityInfo***：{头像，姓名，年龄，性别，开始咨询时间}，***replieContent***：语言，文字，图片 |

|  |  |
| --- | --- |
| **医生** | ***IdentityInfo***：{头像，姓名，年龄，性别，开始咨询时间}，***replieContent***：语言，文字，图片 |

POST /enterprise/consulContent/{recordID}

#### 返回参数

{

"code": 0,

"msg": "成功",

"data":{

"consulContent":[

{

"uIdentityInfo":{

"userID": "1",

"userName": "张三",

"age": "23",

"gender": "张三",

"icon": "头像.ico"

},

"uConsulTime": "15:33:27",

"uConsulDatetime": "2019/06/15 15:33:27",

"uReplieContent":语言，文字，图片,

"uReplieType": 1,//备注：1-语音，2-文字，3-图片

"identityType": 1,// 备注：1-用户，2-医生

},

{

"dIdentityInfo":{

"doctorID": "1",

"doctorName": "李四",

"icon": "头像.ico"

}

"dConsulTime": "15:33:27",

"dConsulDatetime": "2019/06/15 15:33:27",

"dReplieContent":语言，文字，图片

"dReplieType": 2,//备注：1-语音，2-文字，3-图片

"identityType": 2// 备注：1-用户，2-医生

}

],

endConsulTime: "2019/06/15 15:33:27",

isEndConsul: 0,//备注：0-未结束咨询，-1 结束咨询

whoIsEnd:1,//备注：1-医生结束咨询，0-患者结束咨询

evaluateLevel: 5,// 评价星级

evaluateLabel:"有耐心，细心",

evaluateContent: "very good~!"

}

}

## 患者管理

Get /enterprise/findPatients/{doctorID}/{pageIndex}/{pageNum}

#### 返回参数

{

"code": 0,

"msg": "成功",

"data": [

{

"userID": "1",

"medicalNum": "1324243223",

"gender": "男",

"age": "23",

"userName": "张三",

"icon": "头像.icon",

"consulDate": "2019/06/14",

"medicalRecordNum": "4",

"inspectionReportNum": "2"

},

.......

]

}

## 查看患者信息

Get /enterprise/getPatientInfo/{userID}

#### 返回参数

{

"code": 0,

"msg": "成功",

"data":

{

"userID": "1",

"medicalNum": "1324243223",

"gender": "男",

"age": "23",

"userName": "张三",

"icon": "头像.icon",

"consulDate": "2019/06/14",

"isStar": "1",//备注：是否星标1-是，0-否

}

}

## 标记星标患者

Get /enterprise/addStar/{userId}/{doctorId}

#### 返回参数

{

"code": 0,

"msg": "成功"

}

## 医生任务

# 生患者前后端通信对接说明