# 调度服务说明

调度服务采用Websocket协议进行通信。

**测试地址：**wss://171.cdfortis.com/ws\_third，

http://172.20.13.156:9096/third\_part/consult

## 协议格式：

JSON：{ Cmd : int ,Data: Object }

|  |  |  |  |
| --- | --- | --- | --- |
| **JSON字段** | **类型** | **含义** | |
| **cmd** | Int | | 命令，详见：[CMD命令详解](#_CMD命令详解) |
| **data** | Object | | 数据对象(JSON字符串)，详见：[Data参数详解](#_Data参数详解) |

## CMD命令详解

|  |  |  |
| --- | --- | --- |
| **Cmd** | **值** | **含义** |
| **FT\_PROTO\_MOBILE\_LOGIN** | 2 | 登录 |
| **FT\_PROTO\_HEARTBEAT** | 7 | 心跳 |
| **FT\_PROTO\_LOGOUT** | 8 | 登出 |
| **FT\_PROTO\_FILE** | 25 | 图片地址 |
| **FT\_PROTO\_END\_BUSINESS** | 27 | 结束业务 |
| **FT\_PROTO\_MATCH\_WAIT** | 10 | 排队等待 |
| **FT\_PROTO\_MATCH\_SUCCESS** | 11 | 匹配成功 |
| **FT\_PROTO\_MATCH\_FAILURE** | 12 | 匹配失败 |
| **FT\_PROTO\_AV\_START** | 20 | 接受业务 |
| **FT\_PROTO\_PUSH\_DRUG** | 26 | 推药 |
| **FT\_PROTO\_END\_BUSINESS** | 27 | 结束业务 |
| FT\_PROTO\_LEAVE | 30 | 医生离开 |
| FT\_PROTO\_MATCHER\_OFFLINE = 31 | 31 |  |
| FT\_PROTO\_PUSH\_MESSAGE = 32 | 32 |  |
| FT\_PROTO\_RECONNECT\_UDP = 50 | 50 |  |
| FT\_PROTO\_FETCH\_PROXY\_SERVERS = 51 | 51 |  |
| FT\_PROTO\_DRUGGIST\_RECONNECT = 60 | 60 |  |
| FT\_PROTO\_USER\_RECONNECT = 61 | 61 |  |
| FT\_PROTO\_MSG\_BLOCK = 69 | 69 |  |
| FT\_PROTO\_WX\_PRESCRIPT\_CHECK = 68 | 68 | 微信小程序上传纸质处方 |

## 各协议命令对应的数据对象Data格式

### FT\_PROTO\_MOBILE\_LOGIN

|  |  |  |
| --- | --- | --- |
| **JSON字段** | **类型** | **含义** |
| **stratey** | int | 1-系统分配 3-指定医生8 -微信小程序上传纸质处方  10 -微信C模式电子审方 |
| **providerId** | string | 医生账号 |
| **deviceId** | string | 设备ID |
| **jsonValue** | string | 自定义消息，详见：[登录调度时JsonValue定义](#_登录调度是JsonValue定义) |

### FT\_PROTO\_MOBILE\_LOGIN

|  |  |  |
| --- | --- | --- |
| **JSON字段** | **类型** | **含义** |
| **intVal** | int | 0-登录成功  -1-无效的token  -2-缺navigate/index权限  -3-缺navigate/assignDoc权限 |

### FT\_PROTO\_FILE

|  |  |  |
| --- | --- | --- |
| **JSON字段** | **类型** | **含义** |
| **businessId** | int | 业务ID |
| **stringValue** | string | 图片地址 |

### FT\_PROTO\_END\_BUSINESS

|  |  |  |
| --- | --- | --- |
| **JSON字段** | **类型** | **含义** |
| **businessId** | int | 业务ID |

### FT\_PROTO\_MATCH\_WAIT

|  |  |  |
| --- | --- | --- |
| **JSON字段** | **类型** | **含义** |
| **intVal** | int | 排队人数 |

### FT\_PROTO\_MATCH\_SUCCESS

|  |  |  |
| --- | --- | --- |
| **JSON字段** | **类型** | **含义** |
| **businessId** | int | 业务ID |
| **provider** | string | 医生ID |
| **jsonValue** | string | 自定义数据 |

### FT\_PROTO\_MATCH\_FAILURE

|  |  |  |
| --- | --- | --- |
| **JSON字段** | **类型** | **含义** |
| **intVal** | int | 2-没有医生  4-指定医生不在线 |

### FT\_PROTO\_PUSH\_DRUG

|  |  |  |
| --- | --- | --- |
| **JSON字段** | **类型** | **含义** |
| **businessId** | int | 业务ID |
| **stringValue** | string | 自定义数据 |
| **jsonValue** | string | 自定义数据 |

## 登录调度是JsonValue定义

|  |  |  |  |
| --- | --- | --- | --- |
| **Key** | **类型** | **是否必填** | **含义** |
| source | String | 是 | 用户来源,填写ftappid |
| appid | String | 是 | 商户授权码 |
| token | String | 是 | 访问接口所需的token，生成参考：[获取token](#_获取Token) |
| deviceId | String | 是 | 用户的unionId |
| orderId | String | 是 | 商户订单编号 |
| chainId | long | 是 | 开放平台商户所属连锁编号 |
| storeId | long | 是 | 开放平台商户所属药店编号 |
| saleFlag | int | 是 | 销售清单（0-来自连锁，1-来自药店） |
| docMode | String | 是 | 医生模式（获取商户权限接口有返回，默认H00080001  “”） |
| drugList | List<WxDrug> | 是 | 药品列表,参考：[WxDrug参数详解](#_WxDrug参数详解) |
| custInfo | WxCust | 是 | 问诊人信息对象，参考：[WxCust参数详解](#_WxCust参数详解) |
| consultType | Int | 否 | 在指定医生问诊时传递：consultType=3 |
|  |  |  | C模式在指定医生问诊时传递：consultType=5 |

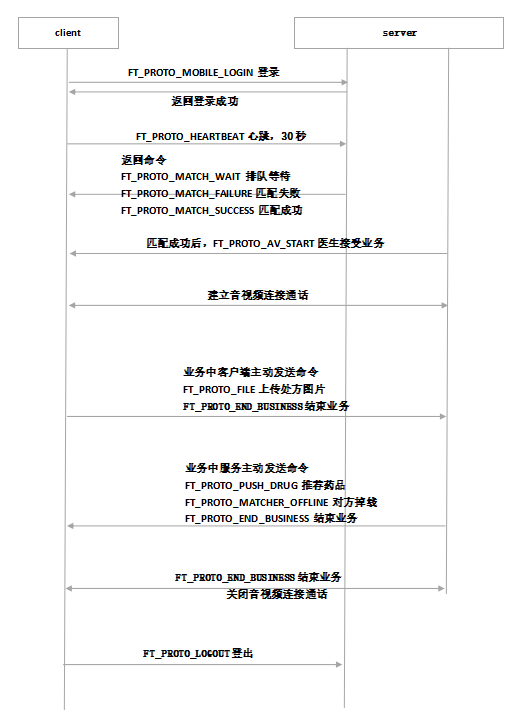
### WxDrug参数详解

|  |  |  |  |
| --- | --- | --- | --- |
| **Key** | **类型** | **是否必填** | **含义** |
| **onsellId** | Long | 是 | 药品在的在售ID |
| **count** | int | 是 | 购药的数量 |

### WxCust参数详解

|  |  |  |  |
| --- | --- | --- | --- |
| **Key** | **类型** | **是否必填** | **含义** |
| custName | string | 是 | 问诊人姓名 |
| custAge | string | 是 | 问诊人年龄 |
| custMonth | string | 是 | 问诊人月份年龄 例：25岁x12=300月 |
| custSex | string | 是 | 问诊人性别  男：S00030001  女：S00030002  未知：S00030000 |
| custWeight | string | 是 | 问诊人体重,单位kg |

## 业务流程



## 1.6JSON实例:

连接医生的命令

{

"data":{

"providerId":"wys|c1|gxy",

"stratey":9,

"jsonValue":{

"consultType":"5",

"busiId":"7275698",

"storeName":"测试药店",

"storeId":"43211"

}

},

"cmd":"2"

}

连接药剂师的命令：

{

"data":{

"stratey":7,

"providerId":"yy",

"jsonValue":{

"busiId":"7275698",

"presUrl":"https://171.cdfortis.com/fpsm/routing/presTemplate.pg?busiId=7275698&storeId=43211",

"prescript\_check":"3",

"storeName":"测试药店",

"storeId":"43211"

}

},

"cmd":"2"

}

package main

const (

FT\_PROTO\_CLIENT\_LOGIN = 1

FT\_PROTO\_MOBILE\_LOGIN = 2

FT\_PROTO\_DRUGGIST\_LOGIN = 3

FT\_PROTO\_DOCTOR\_LOGIN = 4

FT\_PROTO\_MONITOR\_LOGIN = 5

FT\_PROTO\_PROXY\_LOGIN = 6

FT\_PROTO\_HEARTBEAT = 7

FT\_PROTO\_LOGOUT = 8

FT\_PROTO\_DISCONNECT = 9

FT\_PROTO\_MATCH\_WAIT = 10

FT\_PROTO\_MATCH\_SUCCESS = 11

FT\_PROTO\_MATCH\_FAILURE = 12

FT\_PROTO\_FREE = 13

FT\_PROTO\_PAUSE\_SERVICE = 14

FT\_PROTO\_RESTORE\_SERVICE = 15

FT\_PROTO\_CALLBACK\_MOBILE = 16

FT\_PROTO\_MATCH\_CHANGE = 17

FT\_PROTO\_AV\_START = 20

FT\_PROTO\_AV\_CONTROL = 21

FT\_PROTO\_FILE = 25

FT\_PROTO\_PUSH\_DRUG = 26

FT\_PROTO\_END\_BUSINESS = 27

FT\_PROTO\_GPS\_INFO = 28

FT\_PROTO\_PRESCRIPT\_CHECK = 29

FT\_PROTO\_REPORT\_USER = 24

FT\_PROTO\_TO\_LEAVE = 23 //active

FT\_PROTO\_LEAVE = 30 //passive

FT\_PROTO\_MATCHER\_OFFLINE = 31

FT\_PROTO\_PUSH\_MESSAGE = 32

FT\_PROTO\_RECONNECT\_UDP = 50

FT\_PROTO\_FETCH\_PROXY\_SERVERS = 51

FT\_PROTO\_DRUGGIST\_RECONNECT = 60

FT\_PROTO\_USER\_RECONNECT = 61

FT\_PROTO\_MSG\_BLOCK = 69

FT\_PROTO\_WX\_PRESCRIPT\_CHECK = 68 //微信小程序上传纸质处方

FT\_PROTO\_FINISH = 99

)

const 策略(

RANDOM\_DOCTOR = 1

RANDOM\_DRUGGIST = 2

ASSIGN\_DOCTOR = 3

ASSIGN\_DRUGGIST = 4

RANDOM\_CP = 5

RANDOM\_WP = 6

ASSIGN\_DRUGGIST\_EX = 7

WX\_RECIPE\_CHECK = 8 //微信小程序上传纸质处方

ASSIGN\_DOCTOR\_EX = 9

WX\_C\_RECIPE\_CHECK = 10 //微信C模式电子审方

)

const 返回值 (

NO\_DRUGGIST = 1

NO\_DOCTOR = 2

NO\_ASSIGN\_DRUGGIST = 3

NO\_ASSIGN\_DOCTOR = 4

NO\_PROXY\_SERVER = 5

NO\_INSURER = 6

DOCTOR\_CHANGE = 7

UNKNOW\_ERROR = 99

)

const 医生类型(

CHINESE\_PHARMACIST = iota

WESTERN\_PHARMACIST

PRACTICE\_CP

PRACTICE\_WP

DOCTOR //常用

INSURER

)

const (

USER = iota

MOBILE\_USER

PHARMACIST\_USER

MONITOR\_USER

PROXY\_USER

ANDROID\_HD\_USER

HTTP\_MODULE\_USER

GOOZTON\_USER

ANDROID\_PC\_GOOZTON

WX\_USER

VIRTUAL\_USER

WX\_THIRDPART\_USER = 13

NEW\_ANDROID\_HD\_USER = 14

YAN\_KANG = 15

ELEMA\_USER = 17

)

const (

UserEnd = iota

PharmacistEnd

UserExceptionEnd

PharmacistExceptionEnd

PharmacistLeave

UserCancel

UserMatchFail

UserCancelAfterMacth

)