OCare API文档

base\_url = http://202.120.163.167/Ocare/app

方法：POST JSON传值

注：返回值中的换行符为人工添加，为方便阅读

1. 注册/登陆

①登录：

* URL: base\_url/logon
* 请求参数

|  |  |  |
| --- | --- | --- |
| 字段 | 类型 | 含义 |
| **phoneNum** | String | 手机号，登录名 |
| **password** | String | 密码 |

* 登陆返回值：

|  |  |  |  |
| --- | --- | --- | --- |
| 字段 | 类型 | 含义 | 说明 |
| **error** | boolean | 是否存在错误 | 有错是true |
| **errorMsg** | String | 错误类型 | 有错的时候才会有 |
| **accountType** | String | 账户类型 | 没错才会有 |
| **account** | Pair | 账户 | 如果密码正确，是<账户类型，账户> |

②注册(老人)

* URL:base\_url/register/elder

|  |  |  |
| --- | --- | --- |
| 字段 | 类型 | 含义 |
| **elderId** | String | 身份证 |
| **companyId** | int | 绑定公司的id |
| **elderName** | String | 老人姓名 |
| **elderPhone** | String | 电话号 |
| **elderAddress** | String | 地址 |
| **elderPassword** | String | 密码 |
| **elderImage** | String | 老人照片 |

* 注册（老人）返回值：

|  |  |  |  |
| --- | --- | --- | --- |
| 字段 | 类型 | 含义 | 说明 |
| **error** | boolean | 是否存在错误 | 默认为正确，值为false |
| **account** | Elder | 新建的老人账户 |  |

③注册(亲人或者监护人)

* URL:base\_url/register/relative

|  |  |  |
| --- | --- | --- |
| 字段 | 类型 | 含义 |
| **relativeId** | String | 身份证 |
| **relativeName** | String | 姓名 |
| **relativePhone** | String | 电话 |
| **relativeAddress** | String | 地址 |
| **relativePassword** | String | 密码 |
| **relativeImage** | String | 照片 |

* 注册（亲人或者监护人）返回值：

|  |  |  |  |
| --- | --- | --- | --- |
| 字段 | 类型 | 含义 | 说明 |
| **error** | boolean | 是否存在错误 | 默认为正确，值为false |
| **account** | Elder | 新建的账户 |  |

④注册(志愿者)

* URL:base\_url/register/volunteer

|  |  |  |
| --- | --- | --- |
| 字段 | 类型 | 含义 |
| **volunteerId** | String | 身份证 |
| **volunteerName** | String | 姓名 |
| **volunteerPhone** | String | 电话 |
| **volunteerAddress** | String | 地址 |
| **volunteerEmail** | String | 邮箱 |
| **volunteerCompanyId** | int | 公司ID |
| **volunteerImage** | String | 照片 |

* 注册（志愿者）返回值：

|  |  |  |  |
| --- | --- | --- | --- |
| 字段 | 类型 | 含义 | 说明 |
| **error** | boolean | 是否存在错误 | 默认为正确，值为false |
| **account** | Elder | 新建的账户 |  |

⑤注册(法人)

* URL:base\_url/register/legalperson

|  |  |  |
| --- | --- | --- |
| 字段 | 类型 | 含义 |
| **lpId** | String | 身份证 |
| **lpName** | String | 姓名 |
| **lpPhone** | String | 电话 |
| **lpEmail** | String | 邮箱 |
| **lpPassword** | String | 密码 |
| **lpImage** | String | 照片 |

* 注册（亲人或者监护人）返回值：

|  |  |  |  |
| --- | --- | --- | --- |
| 字段 | 类型 | 含义 | 说明 |
| **error** | boolean | 是否存在错误 | 默认为正确，值为false |
| **account** | Elder | 新建的账户 |  |

1. 提交成为某位老人的监护人的申请

* URL:base\_url/apply/monitor
* 要填的字段

|  |  |  |
| --- | --- | --- |
| 字段 | 类型 | 含义 |
| **relativeId** | String | 申请人的Id |
| **elderId** | String | 老人Id |
| **togetherImg** | String | 合照 |

* 返回值

|  |  |  |  |
| --- | --- | --- | --- |
| 字段 | 类型 | 含义 | 说明 |
| **error** | boolean | 是否存在错误 | 默认为正确，值为false |

1. 监护人或者亲人查看自己的申请状态

* URL:base\_url/status/monitor
* 要填的字段

|  |  |  |
| --- | --- | --- |
| 字段 | 类型 | 含义 |
| **relativeId** | String | 申请人的Id |

* 返回值

|  |  |  |  |
| --- | --- | --- | --- |
| 字段 | 类型 | 含义 | 说明 |
| **error** | boolean | 是否存在错误 |  |
| **errorMsg** | String | 错误的原因 | 只有有错的时候才有 |
| **result** | Map<String,Object> | 该监护人所有请求的集合 | 只有正确的时候才有 |

1. 发送短信验证码

* URL:base\_url/code
* 要填的字段

|  |  |  |
| --- | --- | --- |
| 字段 | 类型 | 含义 |
| **phoneNum** | String | 要发送的手机号 |

* 返回值

|  |  |  |  |
| --- | --- | --- | --- |
| 字段 | 类型 | 含义 | 说明 |
| **error** | boolean | 是否存在错误 | 默认为正确，值为false |
| **code** | int | 发送给用户的四位数字验证码 |  |

1. 验证用户填写的身份证和手机号是否匹配

* URL:base\_url/verify/phone
* 要填的字段

|  |  |  |
| --- | --- | --- |
| 字段 | 类型 | 含义 |
| **id** | String | 需要验证验证码的客户的id |
| **phoneNum** | String | 电话号 |

* 返回值

|  |  |  |  |
| --- | --- | --- | --- |
| 字段 | 类型 | 含义 | 说明 |
| **error** | boolean | 是否存在错误 |  |
| **errorMsg** | String | 错误类型 | 错时有 |
| **type** | String | 用户类型 |  |

1. 修改密码

* URL:base\_url/changepassword
* 要填的字段

|  |  |  |
| --- | --- | --- |
| 字段 | 类型 | 含义 |
| **id** | String | 申请人的Id |
| **password** | String | 密码 |

* 返回值

|  |  |  |  |
| --- | --- | --- | --- |
| 字段 | 类型 | 含义 | 说明 |
| **error** | boolean | 是否存在错误 |  |
| **errorMsg** | String | 错误类型 | 错愕时候有 |

1. 根据电话号码得到头像

* URL:base\_url/getImageByPhoneNum
* 要填的字段

|  |  |  |
| --- | --- | --- |
| 字段 | 类型 | 含义 |
| **phoneNum** | String | 手机号 |

* 返回值

|  |  |  |  |
| --- | --- | --- | --- |
| 字段 | 类型 | 含义 | 说明 |
| **error** | boolean | 是否存在错误 |  |
| **errorMsg** | String | 错误类型 | 错的时候有 |
| **image** | Pair | 头像 | 获取头像是否成功的提示和头像的字符串 |

例如：

[http://localhost:8080/OCare/app/getImageByPhoneNum?phoneNum=12345678901](http://base_url/getImageByPhoneNum?phoneNum=12345678901)

返回值json:

{"image":"testAgain","error":false}

例如：

[http://localhost:8080/OCare/app/getImageByPhoneNum?phoneNum=1234567890122](URL:base_url/getImageByPhoneNum?phoneNum=1234567890122)

返回值json:

{"error":true,"errorMsg":"Delete Relation Failed."}

1. 根据电话号码设置头像

* URL:base\_url/setNewImageByPhoneNum
* 要填的字段

|  |  |  |
| --- | --- | --- |
| 字段 | 类型 | 含义 |
| **phoneNum** | String | 手机号 |
| **newImage** | String | 新的照片 |

* 返回值

|  |  |  |  |
| --- | --- | --- | --- |
| 字段 | 类型 | 含义 | 说明 |
| **error** | boolean | 是否存在错误 |  |
| **errorMsg** | String | 错误类型 | 错的时候有 |

例如：

<http://localhost:8080/OCare/app/setNewImageByPhoneNum?phoneNum=130111&newImage=130111222>

返回值json:

{"error":false}

例如：

<http://localhost:8080/OCare/app/setNewImageByPhoneNum?phoneNum=130111222&newImage=130111222>

返回值json:

{"error":true,"errorMsg":"Change Image not Successfully!"}

1. 修改某人个和老人的关系为新的类型

* //2表示监护类型为普通亲戚；1表示监护类型为监护人；3表示在申请监护人;  
  //4表示申请监护人被拒绝;5表示亲属关系;6代表邻居关系;  
  //7.代表原来有关系现在没关系了
* URL:base\_url/changeRelation
* 要填的字段

|  |  |  |
| --- | --- | --- |
| 字段 | 类型 | 含义 |
| **elderId** | String | 老人Id |
| **sbPhoneNum** | String | 某个人的手机号 |
| **newRelationType** | Int | 新的关系类型 |

* 返回值

|  |  |  |  |
| --- | --- | --- | --- |
| 字段 | 类型 | 含义 | 说明 |
| **error** | boolean | 是否存在错误 |  |
| **errorMsg** | String | 错误类型 | 错的时候有 |

例如：

<http://localhost:8080/OCare/app/changeRelation?&elderId=elder000&sbPhoneNum=02169589110&newRelationType=3>

返回值json:

{"error":true,"errorMsg":"Change Relation Failed."}

例如：

<http://localhost:8080/OCare/app/changeRelation?&elderId=elder000&sbPhoneNum=12345678901&newRelationType=3>

返回值json:

{"error":false}

1. 删除某个人和老人的monitor关系

* //2表示监护类型为普通亲戚；1表示监护类型为监护人；3表示在申请监护人;  
  //4表示申请监护人被拒绝;5表示亲属关系;6代表邻居关系;  
  //7.代表原来有关系现在没关系了
* URL:base\_url/deleteRelation
* 要填的字段

|  |  |  |
| --- | --- | --- |
| 字段 | 类型 | 含义 |
| **elderId** | String | 老人Id |
| **sbPhoneNum** | String | 某个人的手机号 |

* 返回值

|  |  |  |  |
| --- | --- | --- | --- |
| 字段 | 类型 | 含义 | 说明 |
| **error** | boolean | 是否存在错误 |  |
| **errorMsg** | String | 错误类型 | 错的时候有 |

例如：

<http://localhost:8080/OCare/app/deleteRelation?&elderId=elder000&sbPhoneNum=02169589110>

返回值json:

{"error":true,"errorMsg":"Change Relation Failed."}

例如：

<http://localhost:8080/OCare/app/deleteRelation?&elderId=elder000&sbPhoneNum=12345678901>

返回值json:

{"error":false}

1. 通过身份证拿到某个老人的全部信息（即为实体集）

* URL:base\_url/getElderInfo
* 要填的字段

|  |  |  |
| --- | --- | --- |
| 字段 | 类型 | 含义 |
| **elderId** | String | 老人Id |

* 返回值

|  |  |  |  |
| --- | --- | --- | --- |
| 字段 | 类型 | 含义 | 说明 |
| **error** | boolean | 是否存在错误 |  |
| **errorMsg** | String | 错误类型 | 错的时候有 |
| **elderEntity** | Elder | 实体 | 对的时候有 |

例如：

<http://localhost:8080/OCare/app/getElderInfo?elderId=elder000>

返回值json:

{"error":false,"elderEntity":{"id":"elder000","company\_id":1,"name":"LaoRen","phone":"110","address":"ShanghaiBaoshan","password":"81dc9bdb52d04dc20036dbd8313ed055","image":"HelloWorld"}}

例如：

<http://localhost:8080/OCare/app/getElderInfo?elderId=elder0001111111>

返回值json:

{"error":false,"elderEntity":null}

1. 通过身份证号拿到relative的所有信息（即为实体）

* URL:base\_url/getRelativeInfo
* 要填的字段

|  |  |  |
| --- | --- | --- |
| 字段 | 类型 | 含义 |
| **relativeId** | String | 监护人、邻居等人的Id |

* 返回值

|  |  |  |  |
| --- | --- | --- | --- |
| 字段 | 类型 | 含义 | 说明 |
| **error** | boolean | 是否存在错误 |  |
| **errorMsg** | String | 错误类型 | 错的时候有 |
| **elderEntity** | Elder | 实体 | 对的时候有 |

例如：

<http://localhost:8080/OCare/app/getRelativeInfo?&relativeId=relative000>

返回值json:

{"relativeEntity":{"id":"relative000","name":"relative","phone":"12345678901","address":"Shanghai","password":"81dc9bdb52d04dc20036dbd8313ed055","image":"testAgain"},"error":false}

例如：

<http://localhost:8080/OCare/app/getRelativeInfo?&relativeId=relative000222>

返回值json:

{"relativeEntity":null,"error":false}

1. 通过老人身份证号拿到所有监护人（type为 1）的list

* URL:base\_url/getMonitorsByElderId
* 要填的字段

|  |  |  |
| --- | --- | --- |
| 字段 | 类型 | 含义 |
| **elderId** | String | 老人Id |

* 返回值

|  |  |  |  |
| --- | --- | --- | --- |
| 字段 | 类型 | 含义 | 说明 |
| **error** | boolean | 是否存在错误 |  |
| **errorMsg** | String | 错误类型 | 错的时候有 |
| **MonitorsList** | ArrayList<Relative> | 实体 | 对的时候有 |

例如：

<http://localhost:8080/OCare/app/getMonitorsByElderId?elderId=elder000>

返回值json:

{"MonitorList":[{"id":4,"elder\_id":"elder000","relative\_id":"relative001","type":7,"togetherImg":"HelloWorld"},{"id":6,"elder\_id":"elder000","relative\_id":"relative000","type":7,"togetherImg":"HelloWorld"}],"error":false}

例如：

<http://localhost:8080/OCare/app/getMonitorsByElderId?elderId=elder0002222>

返回值json:

{"error":true,"errorMsg":"Get List Error!"}

1. 机构注册

* URL:base\_url/getMonitorsByElderId
* 要填的字段

|  |  |  |
| --- | --- | --- |
| 字段 | 类型 | 含义 |
| **companyName** | String | 公司名称 |
| **companyLegalPersonId** | String | 公司法人代表身份证 |
| **companyPhone** | String | 公司联系电话 |
| **companyAddress** | String | 公司地址 |

* 返回值

|  |  |  |  |
| --- | --- | --- | --- |
| 字段 | 类型 | 含义 | 说明 |
| **error** | boolean | 是否存在错误 |  |
| **errorMsg** | String | 错误类型 | 错的时候有 |
| **account** | Company | 实体 | 对的时候有 |

例如：

<http://localhost:8080/OCare/app/company/register?&companyName=xuebagongsi&companyLegalPersonId=douniwan&companyPhone=110119120&companyAddress=tongjidaxue>

返回值json:

{"error":false,"account":{"id":0,"name":"xuebagongsi","legal\_person\_id":"douniwan","phone":"110119120","address":"tongjidaxue","status":101}}

1. 机构登录

* URL:base\_url/company/register
* 要填的字段

|  |  |  |
| --- | --- | --- |
| 字段 | 类型 | 含义 |
| companyName | String | 公司名称 |
| **companyLegalPersonId** | String | 公司法人代表身份证 |
| **companyPhone** | String | 公司联系电话 |
| **companyAddress** | String | 公司地址 |

* 返回值

|  |  |  |  |
| --- | --- | --- | --- |
| 字段 | 类型 | 含义 | 说明 |
| **error** | boolean | 是否存在错误 |  |
| **errorMsg** | String | 错误类型 | 错的时候有 |
| **account** | Company | 实体 | 对的时候有 |

例如：

<http://localhost:8080/OCare/app/logon?phoneNum=69581234&password=1234>

返回值json:

{"accountType":"LegalPerson","error":false,"account":{"id":"10010","name":"OCare","phone":"69581234","email":"haello","password":"81dc9bdb52d04dc20036dbd8313ed055","image":"HelloWorld"}}

1. 找人

* http://localhost:8080/OCare/app/getElderInfo?&elderId=elder000
* 要填的字段

|  |  |  |
| --- | --- | --- |
| 字段 | 类型 | 含义 |
| **elderId** | String | 老人Id |

* 返回值

|  |  |  |  |
| --- | --- | --- | --- |
| 字段 | 类型 | 含义 | 说明 |
| **error** | boolean | 是否存在错误 |  |
| **errorMsg** | String | 错误类型 | 错的时候有 |
| **elderEntity** | Elder | 实体 | 对的时候有 |

例如：

[http://localhost:8080/OCare/app/logon?phoneNum=69581234&password=1234](URL:base_url/logon?phoneNum=69581234&password=1234)

返回值json:

{"accountType":"LegalPerson","error":false,"account":{"id":"10010","name":"OCare","phone":"69581234","email":"haello","password":"81dc9bdb52d04dc20036dbd8313ed055","image":"HelloWorld"}}

1. 查找所有老人

* base\_url/getAllElders
* 要填的字段

|  |  |  |
| --- | --- | --- |
| 字段 | 类型 | 含义 |
| **无** |  |  |

* 返回值

|  |  |  |  |
| --- | --- | --- | --- |
| 字段 | 类型 | 含义 | 说明 |
| **error** | boolean | 是否存在错误 |  |
| **errorMsg** | String | 错误类型 | 错的时候有 |
| **result** | ArrayList<elder> | 实体集合 | 对的时候有 |

例如：

base\_url/getAllElders

返回值json:

{"result":[{"id":"1307023199404020022","company\_id":1,"name":"Fowafolooooo","phone":"3316r2528836","address":"aaaaaaaaaaa","password":"6bd77f1b8f9a9694ced59c7fafca0133","image":"fffff"},{"id":"130703199404020000","company\_id":1,"name":"Fowafolo","phone":"13162528836","address":"aaaaaaaaaaa","password":"6bd77f1b8f9a9694ced59c7fafca0133","image":"ffffff"},{"id":"130703199404020022","company\_id":1,"name":"Fowafolooooo","phone":"33162528836","address":"aaaaaaaaaaa","password":"6bd77f1b8f9a9694ced59c7fafca0133","image":"fffff"},{"id":"43232119490725789X","company\_id":1,"name":"123","phone":"18602171596","address":"","password":"81dc9bdb52d04dc20036dbd8313ed055","image":""},{"id":"elder000","company\_id":1,"name":"LaoRen","phone":"110","address":"ShanghaiBaoshan","password":"81dc9bdb52d04dc20036dbd8313ed055","image":"HelloWorld"},{"id":"elder001","company\_id":1,"name":"lishunran","phone":"13133331111","address":"aaa","password":"caf1a3dfb505ffed0d024130f58c5cfa","image":""},{"id":"elder0012","company\_id":1,"name":"fooo","phone":"13033111","address":"fdkl","password":"516f9eb53923aa686457eaf245f42880","image":"imag0000"},{"id":"elder002","company\_id":1,"name":"yuzihan","phone":"111111111111","address":"bbb","password":"123","image":""},{"id":"elder003","company\_id":1,"name":"laoan","phone":"11111111111","address":"ccc","password":"123","image":""},{"id":"test001","company\_id":1,"name":"fooo","phone":"130111","address":"fdkl","password":"516f9eb53923aa686457eaf245f42880","image":"130111222"}],"error":false}

1. 按条件查找某老人的所有亲属

* base\_url /allRelative
* 要填的字段

|  |  |  |
| --- | --- | --- |
| 字段 | 类型 | 含义 |
| **elderId** | String | 老人Id |

* 返回值

|  |  |  |  |
| --- | --- | --- | --- |
| 字段 | 类型 | 含义 | 说明 |
| **error** | boolean | 是否存在错误 |  |
| **errorMsg** | String | 错误类型 | 错的时候有 |
| **monitorList** | ArrayList<Relative> | 实体集合 | 对的时候有 |

例如：

base\_url/getMonitorsByElderId?&elderId=elder000

返回值json:

{"MonitorList":[{"id":4,"elder\_id":"elder000","relative\_id":"relative001","type":7,"togetherImg":"HelloWorld"},{"id":6,"elder\_id":"elder000","relative\_id":"relative000","type":7,"togetherImg":"HelloWorld"}],"error":false}

1. 通过身份证号（主键）删除员工

* base\_url/employee/delete
* 要填的字段

|  |  |  |
| --- | --- | --- |
| 字段 | 类型 | 含义 |
| **id** | String | 员工身份证号码 |

* 返回值

|  |  |  |  |
| --- | --- | --- | --- |
| 字段 | 类型 | 含义 | 说明 |
| **error** | boolean | 是否存在错误 |  |
| **errorMsg** | String | 错误类型 | 错的时候有 |
| **elderEntity** | Elder | 实体 | 对的时候有 |

例如：

base\_url/employee/delete?&id=1001

返回值json:

{"error":false}

1. 更新员工信息

* base\_url/employee/update
* 要填的字段

|  |  |  |
| --- | --- | --- |
| 字段 | 类型 | 含义 |
| **id** | String | 员工身份证号 |
| **newName** | String | 姓名 |
| **newPhone** | String | 电话 |
| **newAddress** | String | 地址 |
| **newPosition** | **String** | **职位** |
| **newStatus** | **int** | **状态** |
| **newDepartment** | **String** | **部门** |
| **newPassword** | **String** | **密码** |
| **newWorkExperience** | **String** | **经历** |
| **newWorkDetail** | **String** | **工作详细信息** |
| **newImage** | **String** | **照片** |
| **newSuperiot** | **String** | **特权？优先级？等级？** |

* 返回值

|  |  |  |  |
| --- | --- | --- | --- |
| 字段 | 类型 | 含义 | 说明 |
| **error** | boolean | 是否存在错误 |  |
| **errorMsg** | String | 错误类型 | 错的时候有 |
| **elderEntity** | Elder | 实体 | 对的时候有 |

例如：

[http://localhost:8080/OCare/app/logon?phoneNum=69581234&password=1234](URL:base_url/logon?phoneNum=69581234&password=1234)

返回值json:

{"accountType":"LegalPerson","error":false,"account":{"id":"10010","name":"OCare","phone":"69581234","email":"haello","password":"81dc9bdb52d04dc20036dbd8313ed055","image":"HelloWorld"}}

1. 根据身份证号码显示合同内老人的目前状态

* base\_url/contract/showContractInServiceByElderId
* 要填的字段

|  |  |  |
| --- | --- | --- |
| 字段 | 类型 | 含义 |
| **elderId** | String | 老人Id |

* 返回值

|  |  |  |  |
| --- | --- | --- | --- |
| 字段 | 类型 | 含义 | 说明 |
| **error** | boolean | 是否存在错误 |  |
| **errorMsg** | String | 错误类型 | 错的时候有 |
| **contract** | Contract | 实体 | 对的时候有 |
| **contractStatus** | **int** | 状态码 | **status = 101** 代表合同正在进行中  **status = 102** 代表合同已过期作废 |

例如：

http://localhost:8080/OCare/app/contract/showContractInServiceByElderId?&elderId=elder000

返回值json:

{"contractStatus":101,"contract":{"id":1,"company\_id":1,"elder\_id":"elder000","start\_time":1420041600000,"end\_time":1483200000000,"status":101},"error":false}

1. 显示合同内老人的状况记录

* 需要调用两个接口：第一个是通过合同id拿到合同，取到老人id，第二个是通过老人id拿到状况记录
* 第一个 base\_url/contract/id
* 要填的字段

|  |  |  |
| --- | --- | --- |
| 字段 | 类型 | 含义 |
| **id** | int | 合同id |

* 返回值

|  |  |  |  |
| --- | --- | --- | --- |
| 字段 | 类型 | 含义 | 说明 |
| **error** | boolean | 是否存在错误 |  |
| **errorMsg** | String | 错误类型 | 错的时候有 |
| **contracts** | Contract | 实体 | 对的时候有 |

* 第二个 base\_url/elder/condition
* 要填的字段

|  |  |  |
| --- | --- | --- |
| 字段 | 类型 | 含义 |
| **id** | int | 老人id |

* 返回值

|  |  |  |  |
| --- | --- | --- | --- |
| 字段 | 类型 | 含义 | 说明 |
| **error** | boolean | 是否存在错误 |  |
| **errorMsg** | String | 错误类型 | 错的时候有 |
| **contracts** | List<ElderCondition> | 实体集合 | 对的时候有 |

例如：

http://localhost:8080/OCare/app/contract/id?&id=1

返回值json:

{"error":false,"contracts":{"id":1,"company\_id":1,"elder\_id":"elder000","start\_time":1420041600000,"end\_time":1483200000000,"status":101}}

例如：

http://localhost:8080/OCare/app/elder/condition?id=elder001

返回值：

{"error":false,"contracts":[{"id":1,"elder\_id":"elder001","status":1,"latitude":116.72111,"longtitude":39.711,"time":1423595542000}]}

1. 根据老人身份证返回其最新的位置信息

* base\_url/map/getElderPresentLocationById
* 要填的字段

|  |  |  |
| --- | --- | --- |
| 字段 | 类型 | 含义 |
| **elderId** | String | 老人Id |

* 返回值

|  |  |  |  |
| --- | --- | --- | --- |
| 字段 | 类型 | 含义 | 说明 |
| **error** | boolean | 是否存在错误 |  |
| **errorMsg** | String | 错误类型 | 错的时候有 |
| **latitude** | double | 经度 | 对的时候有 |
| **longtitude** | **double** | 纬度 | **对的时候有** |

例如：

<http://localhost:8080/OCare/app/map/getElderPresentLocationById?&elderId=elder001>

返回值json:

{"latitude":116.72111,"longtitude":39.711,"error":false}

20151024O Care API文档

# base\_url = <http://202.120.163.167/Ocare/app>

# 注：返回值中的换行符为人工添加，为方便阅读

## 1. 需求描述：用户本人可建立机器设备与老人的绑定关系,输入(二维码字符 串、机器码、用户身份证号)。其中二维码字符串与机器码至少有

## 一个。即二维码字符串、机器码、用户身份证号三者之间一一对应。 返回绑定成功,或错误。如果错误,给出原因,如该设备与身份证 已绑定;用户不存在。

* URL: base\_url/device/match
* 请求参数

|  |  |  |
| --- | --- | --- |
| 字段 | 类型 | 含义 |
| deviceId | String | 设备编号 |
| elderId | String | 老人身份证号码 |
| QRCode | String | 所谓的二维码字符串 |

* 返回值：

参数输入为空：

{

"error": true,

"errorMsg": "INPUT\_CANNOT\_NULL"

}

设备不存在：

{

"error": true,

"errorMsg": "DEVICE\_NOT\_EXIST"

}

老人不存在：

{

"error": true,

"errorMsg": "ELDER\_NOT\_EXIST"

}

设备已经绑定：

{

"error": true,

"errorMsg": "DEVICE\_ALREADY\_MATCH"

}

正常：

{

"error": false,

"device": {

"image": "789",

"elderId": "elder000",

"deviceId": "0000",

"deviceName": "test",

"communicationType": "123",

"qrcode": "12345678",

"description": "456"

}

}

## 2.普通用户可根据二维码字符串,查询到任何用户(老人)的部分 身份信息,包括用户的姓名、电话、家庭地址、监护人电话。(所 有监护人电话)

* URL: base\_url/device/user/elderInfo
* 请求参数

|  |  |  |
| --- | --- | --- |
| 字段 | 类型 | 含义 |
| userId | String | 用户的身份证号码 |
| QRCode | String | 所谓的二维码字符串 |

* 返回值：

参数输入为空：

{

"error": true,

"errorMsg": "INPUT\_CANNOT\_NULL"

}

二维码不存在：

{

"error": true,

"errorMsg": "QRCODE\_NOT\_EXIST"

}

正常：

{

"elderPhone": "110",

"elderName": "LaoRen",

"error": false,

"elderAddress": "ShanghaiBaoshan",

"elderRelativesPhones": [

"02169589110"

]

}

## 3. 系统用户,即系统管理员,可通过二维码字符串或机器码,查询管理公司内用户的身份证号。

* URL: base\_url/device/employee/elderInfo
* 请求参数

|  |  |  |
| --- | --- | --- |
| 字段 | 类型 | 含义 |
| employee | String | 员工的身份证号码 |
| QRCode | String | 所谓的二维码字符串 |

* 返回值：

参数输入为空：

{

"error": true,

"errorMsg": "INPUT\_CANNOT\_NULL"

}

二维码不存在：

{

"error": true,

"errorMsg": "QRCODE\_NOT\_EXIST"

}

员工不存在：

{

"error": true,

"errorMsg": " EMPLOYEE\_NOT\_EXIST"

}

正常：

{

"elderRelatives": [

{

"id": "relative001",

"name": "relative",

"phone": "02169589110",

"address": "Shanghai",

"password": "81dc9bdb52d04dc20036dbd8313ed055",

"image": "HelloWorld"

}

],

"elder": {

"id": "elder000",

"company\_id": 1,

"name": "LaoRen",

"phone": "110",

"address": "ShanghaiBaoshan",

"password": "81dc9bdb52d04dc20036dbd8313ed055",

"image": "Cannot Delete"

},

"error": false

}

## 4. 根据一个二维码字符串查询到设备的身份类型信息,包括名称、 主设备号、通信方式、描述、及图片。

* URL: base\_url/device/ get/设备编号
* 返回值：

参数输入为空：

{

"error": true,

"errorMsg": "INPUT\_CANNOT\_NULL"

}

设备不存在：

{

"error": true,

"errorMsg": " DEVICE\_NOT\_EXIST"

}

正常：

{

"error": false,

"device": {

"image": "789",

"elderId": "elder000",

"deviceId": "0000",

"deviceName": "test",

"communicationType": "123",

"qrcode": "12345678",

"description": "456"

}

}

## 5.创建设备信息

* URL: base\_url/ device/modify
* 请求参数

|  |  |  |
| --- | --- | --- |
| 字段 | 类型 | 含义 |
| Id | String | 设备编号 |
| name | String | 设备名称 |
| communicationType | String | 交互方式 |
| description | String | 描述 |
| image | String | 图片 |

* 返回值：

参数输入为空：

{

"error": true,

"errorMsg": "INPUT\_CANNOT\_NULL"

}

设备已经存在：

{

"error": true,

"errorMsg": "DEVICE\_ALREADY\_EXIST"

}

正常：

{

"error": false,

"device": {

"image": "789",

"elderId": "elder000",

"deviceId": "1110000",

"deviceName": "test",

"communicationType": "123",

"qrcode": "00000000",

"description": "456"

}

}

## 6. 修改设备信息

* URL: base\_url/ device/create
* 请求参数

|  |  |  |
| --- | --- | --- |
| 字段 | 类型 | 含义 |
| Id | String | 设备编号 |
| name | String | 设备名称 |
| communicationType | String | 交互方式 |
| description | String | 描述 |
| image | String | 图片 |

* 返回值：

参数输入为空：

{

"error": true,

"errorMsg": "INPUT\_CANNOT\_NULL"

}

设备不存在：

{

"error": true,

"errorMsg": " DEVICE\_NOT\_EXIST"

}

正常：

{

"error": false,

"device": {

"image": "7890",

"elderId": "elder000",

"deviceId": "1110000",

"deviceName": "test",

"communicationType": "123",

"qrcode": "00000000",

"description": "456"

}

}

## 7.重置设备的绑定信息

* URL: base\_url/ device/refresh/设备编号
* 返回值：

参数输入为空：

{

"error": true,

"errorMsg": "INPUT\_CANNOT\_NULL"

}

设备不存在：

{

"error": true,

"errorMsg": " DEVICE\_NOT\_EXIST"

}

正常：

{

"error": false,

"device": {

"image": "789",

"elderId": "elder000",

"deviceId": "1110000",

"deviceName": "test",

"communicationType": "123",

"qrcode": "00000000",

"description": "456"

}

}

## 8.生成一个二维码字符串

* URL: base\_url/app/device/QRCode
* 输入：空
* 返回值：一个二维码字符串（不会对数据库产生影响）

## 9. 房间管理员查到所有成员的所有信息。

* URL: base\_url/openfire/admin/members
* 请求参数

|  |  |  |
| --- | --- | --- |
| 字段 | 类型 | 含义 |
| phoneNum | String | 想查询别人信息的人的电话号 |
| roomId | String | 房间号码 |

* 返回值：

|  |  |  |  |
| --- | --- | --- | --- |
| 字段 | 类型 | 含义 | 注意 |
| error | bool | 是否有错 |  |
| errorMsg | String | 错误信息 | 错的时候有，分好几种，如不能为空，没有权限，没有相应房间等 |
| members | List<ofMucMember> | 所有成员 | 对的时候有 |

例如：

<http://localhost:8080/OCare/app/openfire/admin/members?phoneNum=18918031709&roomId=7>

{"members":[{"id":2,"roomID":7,"jid":"13818649523@rjxy-test-lyg","nickname":null,"firstName":null,"lastName":null,"url":null,"email":null,"faqentry":null,"relation":null,"ofMucMembercol":null},{"id":3,"roomID":7,"jid":"18602171596@rjxy-test-lyg","nickname":null,"firstName":null,"lastName":null,"url":null,"email":null,"faqentry":null,"relation":null,"ofMucMembercol":null},{"id":4,"roomID":7,"jid":"13120986252@rjxy-test-lyg","nickname":null,"firstName":null,"lastName":null,"url":null,"email":null,"faqentry":null,"relation":null,"ofMucMembercol":null}],"error":false}

10. 房间成员输入房间ID与成员电话,可查询到任一成员的昵称、 图像、在该房间中的地位(是不是管理员,被踢的,publisher, none)、与老人的关系(如果该房间是养老房间)。

* URL: base\_url/openfire/user/member
* 请求参数

|  |  |  |
| --- | --- | --- |
| 字段 | 类型 | 含义 |
| phoneNum | String | 想查的人的电话号 |
| roomId | String | 此人所在房间号码 |

* 返回值：

|  |  |  |  |
| --- | --- | --- | --- |
| 字段 | 类型 | 含义 | 注意 |
| error | bool | 是否有错 |  |
| errorMsg | String | 错误信息 | 错的时候有，分好几种，如不能为空，没有权限，没有相应房间等 |
| member | List<ofMucMember> | 所有成员 | 对的时候有 |

例如：

<http://localhost:8080/OCare/app/openfire/user/member?&roomId=7&phoneNum=18602171596>

{"member":{"id":3,"roomID":7,"jid":"18602171596@rjxy-test-lyg","nickname":null,"firstName":null,"lastName":null,"url":null,"email":null,"faqentry":null,"relation":null,"ofMucMembercol":null},"error":false,"room":{"id":1,"serviceID":1,"roomID":7,"creationDate":"001438916945230","modificationDate":"001442841077484","name":"18918031709","naturalName":"18918031709","description":"yanglao","lockedDate":"000000000000000","emptyDate":"001445932701946","canChangeSubject":0,"maxUsers":30,"publicRoom":1,"moderated":0,"membersOnly":0,"canInvite":0,"roomPassword":"1234","canDiscoverJID":1,"logEnabled":0,"subject":"","rolesToBroadcast":7,"useReservedNick":0,"canChangeNick":1,"canRegister":1,"isOCareRoom":1},"relative":"IS\_NOT\_RELATIVE"}

再如：

<http://localhost:8080/OCare/app/openfire/user/member?&roomId=6&phoneNum=18602171596>

{"error":true,"errorMsg":"MEMBER\_NOT\_EXIST"}

11. 房间成员或者管理员通过房间ID和自己的电话号码可以拿到房间所有成员的电话号码

* URL: base\_url/openfire/getRoomMembersPhone
* 请求参数

|  |  |  |
| --- | --- | --- |
| 字段 | 类型 | 含义 |
| phoneNum | String | 自己的电话号 |
| roomId | String | 所在房间号码 |

* 返回值：

|  |  |  |  |
| --- | --- | --- | --- |
| 字段 | 类型 | 含义 | 注意 |
| error | bool | 是否有错 |  |
| errorMsg | String | 错误信息 | 错的时候有，分好几种，如不能为空，人不在房间内，没有相应房间等 |
| phones | List<String> | 所有成员电话 | 对的时候有 |

例如：

<http://localhost:8080/OCare/app/openfire/getRoomMembersPhone?&roomId=7&phoneNum=13818649523>

{

"phones": [

"13818649523",

"18602171596",

"13120986252"

],

"error": false

}

再如：

<http://localhost:8080/OCare/app/openfire/getRoomMembersPhone?&roomId=7&phoneNum=110>

{"error":true,"errorMsg":"MEMBER\_NOT\_EXIST"}

## 12.通过老人电话找老人信息

* URL: base\_url/ elder/phone/电话号码
* 返回值：
* 注意：未做权限控制

参数输入为空：

{

"error": true,

"errorMsg": "INPUT\_CANNOT\_NULL"

}

找不到匹配的老人

{

"error": true,

"errorMsg": "ELDER\_NOT\_EXIST"

}

正常：

{

"elder": [

{

"id": "elder000",

"company\_id": 1,

"name": "LaoRen",

"phone": "110",

"address": "ShanghaiBaoshan",

"password": "81dc9bdb52d04dc20036dbd8313ed055",

"image": "Cannot Delete"

}

],

"error": false

}

## 13.通过老人电话找老人信息

* URL: base\_url/ getElderInfoByPhone/监护人手机号/老人手机号
* 返回值：
* 注意：已做权限控制

例如

<http://localhost:8080/OCare/app/getElderInfoByPhone/18918031709/13162528836>

{

"elder": {

"id": "130703199404020000",

"company\_id": 1,

"name": "Fowafolo",

"phone": "13162528836",

"address": "aaaaaaaaaaa",

"password": "6bd77f1b8f9a9694ced59c7fafca0133",

"image": "ffffff"

},

"error": false

}

再如

<http://localhost:8080/OCare/app/getElderInfoByPhone/18918031709/111>

{

"error": true,

"errorMsg": "ELDER\_NOT\_EXIST"

}

再如

<http://localhost:8080/OCare/app/getElderInfoByPhone/18918031695/13162528836>

{

"error": true,

"errorMsg": "RELATIVE\_AND\_ELDER\_NOT\_MATCH"

}

OCare接口10.25 -（李顺然要的接口）

实现合同查找功能（详细流程见”系统流程UI-找合同找人.html“）



以下6个接口为了实现上图功能。

1.

传入参数:

|  |  |  |
| --- | --- | --- |
| 字段 | 类型 | 含义 |
| 无 | 无 | 列出所有合同 |

返回json:

|  |  |  |  |
| --- | --- | --- | --- |
| 字段 | 类型 | 含义 | 说明 |
| error | String | 是否错误 |  |
| elderContract | Contract | 某一条合同 | -是一个实体集，含有这个表所有内容 |
| monitors | Arraylist<Relatives> | 合同对应老人的所有监护人 |  |

例如

URL：<http://localhost:8080/OCare/app/contract/listAllEldersContractAndMonitors>

{"error":false,"info":[{"elderContract":{"id":1,"company\_id":1,"elder\_id":"elder000","start\_time":1420041600000,"end\_time":1483200000000,"status":101},"monitors":[{"id":"relative001","name":"relative","phone":"02169589110","address":"Shanghai","password":"81dc9bdb52d04dc20036dbd8313ed055","image":"HelloWorld"}]},{"elderContract":{"id":2,"company\_id":1,"elder\_id":"elder000","start\_time":1388505600000,"end\_time":1451577600000,"status":101},"monitors":[{"id":"relative001","name":"relative","phone":"02169589110","address":"Shanghai","password":"81dc9bdb52d04dc20036dbd8313ed055","image":"HelloWorld"}]}]}

2.

传入参数:

|  |  |  |
| --- | --- | --- |
| 字段 | 类型 | 含义 |
| elderId | String | 老人身份证号 |

返回json:

|  |  |  |  |
| --- | --- | --- | --- |
| 字段 | 类型 | 含义 | 说明 |
| error | String | 是否错误 |  |
| errorMsg | String | 错误原因 |  |
| elderContract | Contract | 这个老人的合同 | -是一个实体集，含有这个表所有内容 |
| monitors | Arraylist<Relatives> | 合同对应老人的所有监护人 |  |

例如

URL：<http://localhost:8080/OCare/app/contract/listOneElderContractAndMonitors?&elderId=elder000>

{"error":false,"info":[{"elderContract":{"id":1,"company\_id":1,"elder\_id":"elder000","start\_time":1420041600000,"end\_time":1483200000000,"status":101},"monitors":[{"id":"relative001","name":"relative","phone":"02169589110","address":"Shanghai","password":"81dc9bdb52d04dc20036dbd8313ed055","image":"HelloWorld"}]}]}

3.

传入参数:

|  |  |  |
| --- | --- | --- |
| 字段 | 类型 | 含义 |
| contractId | int | 合同编号 |

返回json:

同上两个差不多，请参考下面的URL

例如

URL： <http://localhost:8080/OCare/app/contract/listOneContractAndMonitorsByContractId?&contractId=1>

{"error":false,"info":[{"elderContract":{"id":1,"company\_id":1,"elder\_id":"elder000","start\_time":1420041600000,"end\_time":1483200000000,"status":101},"monitors":[{"id":"relative001","name":"relative","phone":"02169589110","address":"Shanghai","password":"81dc9bdb52d04dc20036dbd8313ed055","image":"HelloWorld"}]}]}

4.

传入参数:

|  |  |  |
| --- | --- | --- |
| 字段 | 类型 | 含义 |
| guardId | String | 监护人身份证号 |

返回json:

同上

例如

URL : <http://localhost:8080/OCare/app/contract/listOneContractAndMonitorsByMonitorId?&monitorId=relative001>

{"error":false,"info":[{"elderContract":{"id":1,"company\_id":1,"elder\_id":"elder000","start\_time":1420041600000,"end\_time":1483200000000,"status":101},"monitors":[{"id":"relative001","name":"relative","phone":"02169589110","address":"Shanghai","password":"81dc9bdb52d04dc20036dbd8313ed055","image":"HelloWorld"}]}]}

<http://localhost:8080/OCare/app/contract/listOneContractAndMonitorsByMonitorId?&monitorId=relative0012>

{"error":true,"errorMsg":"There is no related elder of this monitor available"}

5.

传入参数:

|  |  |  |
| --- | --- | --- |
| 字段 | 类型 | 含义 |
| elderName | String | 老年人姓名 |

返回json:

同上

例如

URL

<http://localhost:8080/OCare/app/contract/listOneContractAndMonitorsByElderName?&elderName=LaoRen>

{"error":false,"info":[{"elderContract":{"id":1,"company\_id":1,"elder\_id":"elder000","start\_time":1420041600000,"end\_time":1483200000000,"status":101},"monitors":[{"id":"relative001","name":"relative","phone":"02169589110","address":"Shanghai","password":"81dc9bdb52d04dc20036dbd8313ed055","image":"HelloWorld"}]}]}

<http://localhost:8080/OCare/app/contract/listOneContractAndMonitorsByElderName?&elderName=1aa>

{"error":false,"errorMsg":"There is no related elder contract of this elder name"}

6.

传入参数:

|  |  |  |
| --- | --- | --- |
| 字段 | 类型 | 含义 |
| guardName | String | 监护人姓名 |

返回json:

同上

例如

URL

<http://localhost:8080/OCare/app/contract/listOneContractAndMonitorsByMonitorName?&monitorName=relative0>

{"error":false,"info":[{"elderContract":{"id":2,"company\_id":1,"elder\_id":"elder001","start\_time":1388505600000,"end\_time":1451577600000,"status":101},"monitors":[{"id":"relative000","name":"relative0","phone":"12345678901","address":"Shanghai","password":"81dc9bdb52d04dc20036dbd8313ed055","image":"testAgain"}]}]}

<http://localhost:8080/OCare/app/contract/listOneContractAndMonitorsByMonitorName?&monitorName=relative0aa>

{"error":true,"errorMsg":"No related info about this monitor name"}