**旺财C2S通信协议文档**

修订历史

|  |  |  |  |
| --- | --- | --- | --- |
| 1.0 | 2013-12-08 |  |  |
|  |  |  |  |
|  |  |  |  |

# 协议概述

* 符合http1.1标准
* 请求支持get/post 一般查询类请求用get 更新类请求用post
* 响应支持content-encoding: gzip/transfer-encoding: chunked
* 未特殊注明时 协议字段名与字段值皆为小写

## cookie（具体字段值待定）

* p=iphone5s\_ios7.0.2
* app=wangcai1.0
* net=wifi

## 正常响应时

* http状态码为200 OK
* 包体为utf-8编码的json数据

## 错误码说明

* 400 – Bad Request – 解密失败 数据包错误
* 404 – Not Fount
* 500 – Internal Server Error
* 504 – Gateway Timeout – 网关超时 后端程序异常

## 协议加密

# 协议定义

## 登陆/注册

|  |  |  |  |
| --- | --- | --- | --- |
| POST /0/register | | | |
| Idfa | String |  |  |
| Mac | String | Mac地址 | 不带冒号,Ios7之后固定为020000000000 |
| Phone | String |  | 未绑定时为空 可省 |
| Timestamp | Int |  | 当前系统时间戳,主要用于加密防破解 |

|  |  |  |  |
| --- | --- | --- | --- |
| RESPONSE | | | |
| Res | Int |  |  |
| Msg | String |  |  |
| Session\_id | String |  |  |
| Device\_id | String |  |  |
| Userid | Int |  | 未绑定手机号时为0 |
| Nickname | String |  |  |
| Phone | String |  |  |
| Balance | Int | 余额 |  |

## 发送短信验证码

|  |  |  |  |
| --- | --- | --- | --- |
| POST /0/account/send\_sms\_code | | | |
| Session\_id | String |  |  |
| Device\_id | String |  |  |
| Userid | Int |  |  |
| Phone\_num | String |  |  |
| Code\_length | Int |  |  |

|  |  |  |  |
| --- | --- | --- | --- |
| RESPONSE | | | |
| Res | Int |  |  |
| Msg | String |  |  |
| Token | String |  |  |

## 校验短信验证码

|  |  |  |  |
| --- | --- | --- | --- |
| POST /0/account/check\_sms\_code | | | |
| Session\_id | String |  |  |
| Device\_id | String |  |  |
| Userid | Int |  |  |
| Token | String |  |  |
| Sms\_code | String |  |  |

|  |  |  |  |
| --- | --- | --- | --- |
| RESPONSE | | | |
| Res | Int |  |  |
| Msg | String |  |  |
| Userid | Int |  | 绑定成功可获取到userid |

## 绑定手机号

|  |  |  |  |
| --- | --- | --- | --- |
| POST /0/account/bind\_phone | | | |
| Session\_id | String |  |  |
| Device\_id | String |  |  |
| Userid | Int |  | 尚未绑定过手机时为0 |
| Phone | String |  |  |

|  |  |  |  |
| --- | --- | --- | --- |
| RESPONSE | | | |
| Res | Int |  |  |
| Msg | String |  |  |
| Token | String |  |  |

## 修改个人资料

|  |  |  |  |
| --- | --- | --- | --- |
| POST /0/account/update\_user\_info | | | |
| Session\_id | String |  |  |
| Device\_id | String |  |  |
| Userid | Int |  |  |
| Sex | Int |  |  |
| Age | Int |  |  |
| Interest | String | 兴趣爱好 | 以|分隔 |

|  |  |  |  |
| --- | --- | --- | --- |
| RESPONSE | | | |
| Res | Int |  |  |
| Msg | String |  |  |

## 查询个人资料

|  |  |  |  |
| --- | --- | --- | --- |
| GET /account/info | | | |
| Session\_id | String |  |  |
| Device\_id | String |  |  |
| Userid | Int |  |  |

|  |  |  |  |
| --- | --- | --- | --- |
| RESPONSE | | | |
| Res | Int |  |  |
| Msg | String |  |  |
| Sex | Int | 性别 | 0-女 1-男 |
| Age | Int |  |  |
| Interest | String |  | 类似0|1|3的格式 |

## 查询账户余额

|  |  |  |  |
| --- | --- | --- | --- |
| GET /0/account/balance | | | |
| Session\_id | String |  |  |
| Device\_id | String |  |  |
| Userid | Int |  |  |

|  |  |  |  |
| --- | --- | --- | --- |
| RESPONSE | | | |
| Res | Int |  |  |
| Msg | String |  |  |
| Balance | Int | 余额 |  |

## 查询交易明细

|  |  |  |  |
| --- | --- | --- | --- |
| GET /0/account/ | | | |
| Session\_id | String |  |  |
| Device\_id | String |  |  |
| Userid | Int |  |  |

|  |  |  |  |
| --- | --- | --- | --- |
| RESPONSE | | | |
| Res | Int |  |  |
| Msg | String |  |  |
| Income | Int | 总收入 |  |
| Expense | Int | 总支出 |  |
| Balance | Int | 余额 |  |

## 查询任务列表

|  |  |  |  |
| --- | --- | --- | --- |
| GET /0/task/list | | | |
| Session\_id | String |  |  |
| Device\_id | String |  |  |
| Userid | Int |  |  |
|  | Int |  | 是否只返回已完成任务 |

|  |  |  |  |
| --- | --- | --- | --- |
| RESPONSE | | | |
| Res | Int |  |  |
| Msg | String |  |  |
| Task\_list | Array<Task> |  |  |

|  |  |  |  |
| --- | --- | --- | --- |
| Task | | | |
| Id | Int |  |  |
| Type | Int |  |  |
| Title | String |  |  |
| Icon | String |  |  |
| Intro | String |  |  |
| Status | Int |  | 未完成/已完成 |
| Money | Int |  | 单位为分 |
| Start\_time | Int | 任务开始时间 |  |
| End\_time | Int | 任务结束时间 |  |

## 查询任务详细信息（嵌页面实现，略）

|  |  |  |  |
| --- | --- | --- | --- |
| GET /0/task/detail | | | |
| Session\_id | String |  |  |
| Device\_id | String |  |  |
| Userid | Int |  |  |
| Task\_id | Int |  |  |

|  |  |  |  |
| --- | --- | --- | --- |
| RESPONSE | | | |
| Res | Int |  |  |
| Msg | String |  |  |
| Title | String |  |  |
| Intro | String |  |  |
| Money | Float |  |  |
|  |  |  |  |

## 任务完成通知（走apns下发通知）

|  |  |  |  |
| --- | --- | --- | --- |
|  | | | |
| Cmd | String |  |  |
| Task\_id | Int |  |  |
| Status | Int |  |  |