**百人牛牛通讯协议**

1 请求加入牌桌 1

2 服务器广播牌桌对战信息 2

3 押注 3

4 查看申请上庄列表 4

5 申请上庄 5

6 广播空闲时段 5

7 广播押注状况 6

8 广播开牌 7

9 广播胜负输赢 8

10 离开牌桌 9

客户端请求类指令

CLIENT\_HEART\_BEAT = 3000, /\* 心跳-30秒一次\*/

CLIENT\_JOIN\_TABLE\_REQ = 3001, /\* 加入牌桌 \*/

CLIENT\_BET\_REQ = 3002, /\* 押注 \*/

CLIENT\_APPLY\_BANKER\_REQ = 3003, /\* 申请上庄 \*/

CLIENT\_BANKER\_LIST\_REQ = 3004, /\* 查看上庄列表 \*/

CLIENT\_LOGOUT\_REQ = 3007, /\* 登出 \*/

服务端广播类指令

SERVER\_JOIN\_TABLE\_SUCC\_UC = 6001, /\* 加入牌桌成功私信 \*/

SERVER\_TABLE\_INFO\_UC = 6003, /\* 广播牌桌信息 \*/

SERVER\_BET\_SUCC\_UC = 6004, /\* 押注成功私信 \*/

SERVER\_BET\_ERR\_UC = 6005, /\* 押注失败私信\*/

SERVER\_APPLY\_BANKER\_SUCC\_UC = 6006, /\* 申请庄家成功私信 \*/

SERVER\_APPLY\_BANKER\_ERR\_UC = 6007, /\* 申请庄家失败私信\*/

SERVER\_BANKER\_LIST\_UC = 6008, /\* 查看庄家列表私信 \*/

SERVER\_LOGOUT\_UC = 6009, /\* 离开牌桌私信 \*/

SERVER\_CHANGE\_BANKER\_BC = 6010 /\* 广播更换庄家 \*/

SERVER\_START\_FREE\_BC = 6011 /\* 广播进入空闲阶段 \*/

SERVER\_START\_BET\_BC = 6012 /\* 广播进入押注阶段 \*/

SERVER\_BET\_INFO\_BC = 6013 /\* 广播押注情况 \*/

SERVER\_OPEN\_CARD\_BC = 6014 /\* 广播开牌 \*/

## 1心跳-30秒一次

|  |  |  |  |
| --- | --- | --- | --- |
| CMD | CLIENT\_HEART\_BEAT = 3000 | | |
| DATE | | | |
|  | |  |  |

## 2请求加入牌桌

|  |  |  |  |
| --- | --- | --- | --- |
| CMD | CLIENT\_JOIN\_TABLE\_REQ = 3001 | | |
| DATA | | | |
| 字段类型 | | 字段定义 | 字段描述 |
| Int | | uid | 玩家Id |
| Int | | vid | 场馆Id |
| String | | skey | 玩家通行证，密钥 |
| String | | ver | 版本号 |

2-R0 加入牌桌失败

|  |  |  |  |
| --- | --- | --- | --- |
| CMD | SERVER\_JOIN\_TABLE\_ERR\_UC = 6002 | | |
| DATA | | | |
| 字段类型 | | 字段定义 | 字段描述 |
| Int | | code | 错误类型  1001：skey校验错误  1002：版本过低 |
| Int | | msg | 错误描述 |

## 2-R1加入牌桌成功

|  |  |  |  |
| --- | --- | --- | --- |
| CMD | SERVER\_TABLE\_INFO\_UC = 6003 | | |
| DATA | | | |
| 字段类型 | | 字段定义 | 字段描述 |
| banker：庄家信息  player：玩家信息  tid：牌桌ID  state：游戏阶段0-空闲阶段，1-下注阶段，2-开牌阶段  time：本阶段剩余时间，秒数  seats：5个位置的当前状态，依次为庄家-吉-星-高-照  res：金币赢输情况[1000,3000]，[庄家,我的] | | | |
| banker/ player | | | |
| Int | | uid | 玩家Id |
| String | | name | 昵称 |
| Int | | sex | 性别 |
| Int | | money | 金币 |
| Int | | coin | 元宝 |
| Int | | total\_board | 输牌局数 |
| Int | | total\_win | 赢牌局数 |
| Int | | avatar | 自定义上传头像 |
| Int | | exp | 经验值 |
| Int | | level | 等级 |
| String | | title | 头衔 |
| Int | | charm | 魅力值 |
| Int | | vip | vip值 |
| String | | sign | 签名 |
| int | | bankerNum | 剩余坐庄次数（非庄家为-1） |
| seats | | | |
| int | | seatId | 座位ID：0~4，依次为：  庄家-吉-星-高-照 |
| int | | betNum | 下注金额 |
| card[5] | | cards | 牌信息 |
| int | | isWin | 比牌后的胜负结果  0：输  1：赢 |
| int | | cardType | 牌型 |
| int | | myBet | 我的押注情况 |

## 4 押注请求

|  |  |  |  |
| --- | --- | --- | --- |
| CMD | CLIENT\_BET\_REQ = 3002 | | |
| DATA | | | |
| 字段类型 | | 字段定义 | 字段描述 |
| Int | | uid | 玩家Id |
| int | | seatId | 位置ID，1~4 |
| int | | betNum | 下注额度 |

4-R0 押注成功返回

|  |  |  |  |
| --- | --- | --- | --- |
| CMD | SERVER\_BET\_SUCC\_UC = 6004 | | |
| DATA | | | |
| 字段类型 | | 字段定义 | 字段描述 |
| Int | | uid | 玩家Id |
| Int | | seatId | 位置ID |
| int | | currNum | 当次我押注的数额 |
| Int | | totalNum | 当前我押注的总额 |

4-R1 押注失败返回

|  |  |  |  |
| --- | --- | --- | --- |
| CMD | SERVER\_BET\_ERR\_UC = 6005 | | |
| DATA | | | |
| 字段类型 | | 字段定义 | 字段描述 |
| Int | | uid | 玩家Id |
| Int | | errorCode | 失败错误码  2001：金币不足  2002：庄家不能押注  2003：不是押注阶段  2004：已经达到押注上限  2005：参数错误  2006：金币不足，请充值 |

## 5 申请上庄

|  |  |  |  |
| --- | --- | --- | --- |
| CMD | CLIENT\_APPLY\_BANKER\_REQ= 3003 | | |
| DATA | | | |
| 字段类型 | | 字段定义 | 字段描述 |
| Int | | uid | 玩家Id |

5-R0申请庄家成功返回

|  |  |  |  |
| --- | --- | --- | --- |
| CMD | SERVER\_APPLY\_BANKER\_SUCC\_UC = 6006 | | |
| DATA | | | |
| 字段类型 | | 字段定义 | 字段描述 |
| Int | | uid | 玩家ID |
| Int | | waitNum | 已申请上庄人数 |

5-R1申请庄家失败返回

|  |  |  |  |
| --- | --- | --- | --- |
| CMD | SERVER\_APPLY\_BANKER\_ERR\_UC = 6007 | | |
| DATA | | | |
| 字段类型 | | 字段定义 | 字段描述 |
| Int | | uid | 玩家ID |
| Int | | errorCode | 失败错误码  3001：金币不足，请充值  3002：列表已满 |

## 6 查看上庄列表

|  |  |  |  |
| --- | --- | --- | --- |
| CMD | CLIENT\_BANKER\_LIST\_REQ = 3004 | | |
| DATA | | | |
| 字段类型 | | 字段定义 | 字段描述 |
| Int | | uid | 玩家Id |

## 6-R0查看上庄列表返回

|  |  |  |  |
| --- | --- | --- | --- |
| CMD | SERVER\_BANKER\_LIST\_UC = 6008 | | |
| DATA | | | |
| 字段类型 | | 字段定义 | 字段描述 |
| Int | | uid | 玩家Id |
| players已申请上庄的玩家列表 | | | |
| Int | | uid | 玩家Id |
| String | | name | 玩家昵称 |
| Int | | money | 玩家金币 |
| int | | sex | 玩家性别 |

## 7-离开牌桌

|  |  |  |  |
| --- | --- | --- | --- |
| CMD | CLIENT\_LOGOUT\_REQ = 3007 | | |
| DATA | | | |
| 字段类型 | | 字段定义 | 字段描述 |
| Int | | uid | 玩家Id |

## 7-R0离开牌桌返回

|  |  |  |  |
| --- | --- | --- | --- |
| CMD | SERVER\_LOGOUT\_UC = 6009 | | |
| DATA | | | |
| 字段类型 | | 字段定义 | 字段描述 |
| Int | | uid | 玩家Id |
| int | | type | 离开牌桌类型：  0：默认  1：网络出错  2：主动退出  3：金币不足 |
| int | | err | 错误码  0：离开成功  1：非空闲期，不能离开  2：本局有押注，结束后才能离开 |

## 8广播更换庄家

|  |  |  |  |
| --- | --- | --- | --- |
| CMD | SERVER\_CHANGE\_BANKER\_BC= 5010 | | |
| DATA | | | |
| 字段类型 | | 字段定义 | 字段描述 |
| banker：庄家信息（明细同SERVER\_TABLE\_INFO\_UC = 6003） | | | |

## 9广播进入空闲阶段

|  |  |  |  |
| --- | --- | --- | --- |
| CMD | SERVER\_START\_FREE\_BC= 5011 | | |
| DATA | | | |
| 字段类型 | | 字段定义 | 字段描述 |
| Int | | time | 空闲等待时间 |

## 10广播进入押注阶段

|  |  |  |  |
| --- | --- | --- | --- |
| CMD | SERVER\_START\_BET\_BC = 5012 | | |
| DATA | | | |
| 字段类型 | | 字段定义 | 字段描述 |
| Int | | time | 下注时间 |

## 11广播押注情况

|  |  |  |  |
| --- | --- | --- | --- |
| CMD | SERVER\_BET\_INFO\_BC = 5013 | | |
| DATA | | | |
| 字段类型 | | 字段定义 | 字段描述 |
| Int | | seatId | 座位Id |
| Int | | betNum | 当前总下注额 |
| Int | | lastNum | 上一次广播的下注额 |

## 12广播开牌

|  |  |  |  |
| --- | --- | --- | --- |
| CMD | SERVER\_OPEN\_CARD\_BC = 5014 | | |
| DATA | | | |
| 字段类型 | | 字段定义 | 字段描述 |
| Int | | uid | 玩家Id |
| Int | | myWinMoney | 我的赢输 |
| Int | | bankerWinMoney | 庄家赢输 |
| Int | | myCurrMoney | 我的金币 |
| Int | | bankerCurrMoney | 庄家金币 |
| int | | bankerRemainTime | 庄家剩余坐庄次数 |
| seats(明细同SERVER\_TABLE\_INFO\_UC = 6003) | | | |

## 13 查看胜负走势

|  |  |  |  |
| --- | --- | --- | --- |
| CMD | CLIENT\_WIN\_STATUS\_REQ = 3005 | | |
| DATA | | | |
| 字段类型 | | 字段定义 | 字段描述 |
| Int | | uid | 玩家Id |

## 13-R0返回胜负走势

|  |  |  |  |
| --- | --- | --- | --- |
| CMD | SERVER\_WIN\_STATUS\_UC = 6015 | | |
| DATA | | | |
| 字段类型 | | 字段定义 | 字段描述 |
| seats | | | |
| Int | | seatId | 座位ID |
| int[] | | isWin | 胜负：  0：输  1：胜 |