#### 编码：ACTIVITY\_BANNER\_CHANGE 待更新

待更新

#### 编码：ACTIVITY\_BANNER\_CHANGE\_V2 待更新

待更新

#### 编码：ANCHOR\_LOTTERY\_ACTIVITY 待更新

待更新

#### 编码：ANCHOR\_LOT\_AWARD 天选时刻中奖信息

| **字段名称** | **参数类型** | **说明** |
| --- | --- | --- |
| cmd | String | 命令类型：ANCHOR\_LOT\_AWARD |
| data | Object | 数据体 |
| **data 数据体字段明细** | | |
| award\_dont\_popup | int | 待确认 |
| award\_image | String | 奖品图片地址 |
| award\_name | String | 奖品名称 |
| award\_num | int | 奖品数 |
| award\_type | int | 奖品类型 |
| **award\_users** | **Object[]** | 中奖用户 |
| id | int | 标识ID |
| lot\_status | int | 待确认 |
| url | String | 网页路径（附带URL参数） |
| web\_url | String | 网页路径 |
| **award\_users 数据体字段明细** | | |
| uid | int | 用户UID |
| uname | String | 用户名 |
| face | String | 用户头像地址 |
| level | int | 待确认 |
| color | int | 待确认 |
| num | int | 数量 |
| is\_mystery | boolean | 待确认 |
| **uinfo** | **Object** | 用户信息 |
| **uinfo 数据体字段明细** | | |
| uid | int | 用户UID |
| **base** | **Object** | 用户基础信息 |
| medal | UN Known | 待确认 |
| wealth | UN Known | 待确认 |
| title | UN Known | 待确认 |
| guard | UN Known | 待确认 |
| uhead\_frame | UN Known | 待确认 |
| guard\_leader | UN Known | 待确认 |
| **base 数据体字段明细** | | |
| name | String | 用户名 |
| face | String | 用户头像地址 |
| name\_color | int | 用户名颜色 |
| is\_mystery | boolean | 待确认 |
| risk\_ctrl\_info | UN Known | 待确认 |
| **origin\_info** | **Object** | 用户名&用户头像信息 |
| **official\_info** | **Object** | 认证信息 |
| name\_color\_str | String | 用户名颜色 |
| **origin\_info 数据体字段明细** | | |
| name | String | 用户名 |
| face | String | 用户头像地址 |
| **official\_info 数据体字段明细** | | |
| role | int | 用户角色 |
| title | String | 用户头衔 |
| desc | String | 描述 |
| type | int | 类型 |

|  |
| --- |
| {  "cmd": "ANCHOR\_LOT\_AWARD",  "data": {  "award\_dont\_popup": 1,  "award\_image": "",  "award\_name": "小蜜蜂赛博01",  "award\_num": 1,  "award\_type": 0,  "award\_users": [  {  "uid": 23513338,  "uname": "纯欲年糕",  "face": "https://i1.hdslb.com/bfs/face/6d1ea21904abb65fb9708f17459f7f04a5d4847d.jpg",  "level": 0,  "color": 0,  "num": 1,  "is\_mystery": false,  "uinfo": {  "uid": 23513338,  "base": {  "name": "纯欲年糕",  "face": "https://i1.hdslb.com/bfs/face/6d1ea21904abb65fb9708f17459f7f04a5d4847d.jpg",  "name\_color": 0,  "is\_mystery": false,  "risk\_ctrl\_info": null,  "origin\_info": {  "name": "纯欲年糕",  "face": "https://i1.hdslb.com/bfs/face/6d1ea21904abb65fb9708f17459f7f04a5d4847d.jpg"  },  "official\_info": {  "role": 0,  "title": "",  "desc": "",  "type": -1  },  "name\_color\_str": ""  },  "medal": null,  "wealth": null,  "title": null,  "guard": null,  "uhead\_frame": null,  "guard\_leader": null  }  }  ],  "id": 7714219,  "lot\_status": 2,  "url": "https://live.bilibili.com/p/html/live-lottery/anchor-join.html?is\_live\_half\_webview=1&hybrid\_biz=live-lottery-anchor&hybrid\_half\_ui=1,5,100p,100p,000000,0,30,0,0,1;2,5,100p,100p,000000,0,30,0,0,1;3,5,100p,100p,000000,0,30,0,0,1;4,5,100p,100p,000000,0,30,0,0,1;5,5,100p,100p,000000,0,30,0,0,1;6,5,100p,100p,000000,0,30,0,0,1;7,5,100p,100p,000000,0,30,0,0,1;8,5,100p,100p,000000,0,30,0,0,1",  "web\_url": "https://live.bilibili.com/p/html/live-lottery/anchor-join.html"  }  } |

#### 编码：ANCHOR\_LOT\_CHECKSTATUS 天选时刻状态检查

| **字段名称** | **参数类型** | **说明** |
| --- | --- | --- |
| cmd | String | 命令类型：ANCHOR\_LOT\_CHECKSTATUS |
| data | Object | 数据体 |
| **data 数据体字段明细** | | |
| id | int | 天选时刻标识ID |
| status | int | 天选时刻状态 |
| uid | int | 待确认 |

|  |
| --- |
| {  "cmd": "ANCHOR\_LOT\_CHECKSTATUS",  "data": {  "id": 7714689,  "status": 4,  "uid": 1629467333  }  } |

#### **编码：ANCHOR\_LOT\_END 天选时刻结束**

| **字段名称** | **参数类型** | **说明** |
| --- | --- | --- |
| cmd | String | 命令类型：ANCHOR\_LOT\_END |
| data | Object | 数据体 |
| **data 数据体字段明细** | | |
| id | int | 天选时刻标识ID |

|  |
| --- |
| {  "cmd": "ANCHOR\_LOT\_END",  "data": {  "id": 7714219  }  } |

#### 编码：ANCHOR\_LOT\_START 天选时刻开始

| **字段名称** | **参数类型** | **说明** |
| --- | --- | --- |
| cmd | String | 命令类型：ANCHOR\_LOT\_START |
| **data** | **Object** | 数据体 |
| **data 数据体字段明细** | | |
| asset\_icon | String | 天选时刻图标 |
| asset\_icon\_webp | String | 天选时刻图标（webp） |
| award\_image | String | 天选时刻奖品图片 |
| award\_name | String | 天选时刻奖品名称 |
| award\_num | int | 天选时刻奖品数 |
| award\_type | int | 天选时刻奖品类型 |
| break\_up\_time | int | 待确认 |
| cur\_gift\_num | int | 当前礼物数 |
| current\_time | int | 当前时间（10位时间戳） |
| danmu | String | 待确认 |
| **danmu\_new** | **Object[]** | 待确认 |
| danmu\_type | int | 待确认 |
| gift\_id | int | 礼物标识ID |
| gift\_name | String | 礼物名称 |
| gift\_num | int | 礼物数 |
| gift\_price | int | 礼物价格 |
| goaway\_time | int | 天选时刻结束时间（秒） |
| goods\_id | int | 商品标识ID |
| id | int | 天选时刻标识ID |
| is\_broadcast | int | 是否广播 |
| join\_type | int | 参与类型 |
| lot\_status | int | 待确认 |
| max\_time | int | 最大时间（秒） |
| require\_text | String | 参与条件描述 |
| require\_type | int | 参与条件类型 |
| require\_value | int | 参与条件值 |
| room\_id | int | 直播间ID |
| send\_gift\_ensure | int | 待确认 |
| show\_panel | int | 展示面板 |
| start\_dont\_popup | int | 待确认 |
| status | int | 状态 |
| time | int | 时间 |
| url | String | 网页路径（附带URL参数） |
| web\_url | String | 网页路径 |
| **danmu\_new 数据体字段明细** | | |
| danmu | String | 待确认 |
| danmu\_view | String | 待确认 |
| reject | boolean | 待确认 |

|  |
| --- |
| {  "cmd": "ANCHOR\_LOT\_START",  "data": {  "asset\_icon": "https://i0.hdslb.com/bfs/live/cde7d1a68c0d10c6aa283c4c24b968578fa45d75.png",  "asset\_icon\_webp": "https://i0.hdslb.com/bfs/live/19b8a1b80f71af777ec615b329549224941b7b6c.webp",  "award\_image": "",  "award\_name": "D-GLOW鼠标垫",  "award\_num": 5,  "award\_type": 0,  "break\_up\_time": 0,  "cur\_gift\_num": 0,  "current\_time": 1722501385,  "danmu": "",  "danmu\_new": [  {  "danmu": "",  "danmu\_view": "",  "reject": false  }  ],  "danmu\_type": 0,  "gift\_id": 31164,  "gift\_name": "粉丝团灯牌",  "gift\_num": 1,  "gift\_price": 1000,  "goaway\_time": 180,  "goods\_id": 15,  "id": 7714804,  "is\_broadcast": 1,  "join\_type": 1,  "lot\_status": 0,  "max\_time": 600,  "require\_text": "关注主播",  "require\_type": 1,  "require\_value": 0,  "room\_id": 24160384,  "send\_gift\_ensure": 0,  "show\_panel": 1,  "start\_dont\_popup": 0,  "status": 1,  "time": 599,  "url": "https://live.bilibili.com/p/html/live-lottery/anchor-join.html?is\_live\_half\_webview=1&hybrid\_biz=live-lottery-anchor&hybrid\_half\_ui=1,5,100p,100p,000000,0,30,0,0,1;2,5,100p,100p,000000,0,30,0,0,1;3,5,100p,100p,000000,0,30,0,0,1;4,5,100p,100p,000000,0,30,0,0,1;5,5,100p,100p,000000,0,30,0,0,1;6,5,100p,100p,000000,0,30,0,0,1;7,5,100p,100p,000000,0,30,0,0,1;8,5,100p,100p,000000,0,30,0,0,1",  "web\_url": "https://live.bilibili.com/p/html/live-lottery/anchor-join.html"  }  } |

#### 编码：ANCHOR\_NORMAL\_NOTIFY 天选时刻一般通知

| **字段名称** | **参数类型** | **说明** |
| --- | --- | --- |
| cmd | String | 命令类型：ANCHOR\_NORMAL\_NOTIFY |
| **data** | **Object** | 数据体 |
| **data 数据体字段明细** | | |
| type | int | 类型 |
| show\_type | int | 展示类型 |
| **info** | **Object** | 展示信息 |
| **info 数据体字段明细** | | |
| icon | String | 展示图标（路径） |
| title | String | 展示标题 |
| content | String | 展示内容 |

|  |
| --- |
| {  "cmd": "ANCHOR\_NORMAL\_NOTIFY",  "data": {  "type": 1,  "show\_type": 1,  "info": {  "icon": "https://i0.hdslb.com/bfs/live/f3ebd37ee59991bc45538be58e68a6d3aa43ccca.png",  "title": "",  "content": "恭喜，获得推荐位buff加持，上推荐的几率大大提高，持续时间：1小时。"  }  }  } |

#### 编码：AREA\_RANK\_CHANGED 分区榜单更新

| **字段名称** | **参数类型** | **说明** |
| --- | --- | --- |
| cmd | String | 命令类型：AREA\_RANK\_CHANGED |
| **data** | **Object** | 数据体 |
| **data 数据体字段明细** | | |
| conf\_id | int | 类型 |
| rank\_name | String | 分区名称 |
| uid | int | 待确认 |
| rank | int | 排名 |
| icon\_url\_blue | String | 图标地址（蓝色） |
| icon\_url\_pink | String | 图标地址（粉色） |
| icon\_url\_grey | String | 图标地址（灰色） |
| action\_type | int | 动作类型 |
| timestamp | int | 时间戳（10位） |
| msg\_id | String | 消息标识ID |
| jump\_url\_link | String | 跳转链接 |
| jump\_url\_pc | String | 跳转链接 |
| jump\_url\_pink | String | 跳转链接 |
| jump\_url\_web | String | 跳转链接 |

|  |
| --- |
| {  "cmd": "AREA\_RANK\_CHANGED",  "data": {  "conf\_id": 24,  "rank\_name": "电竞航海",  "uid": 1629467333,  "rank": 4,  "icon\_url\_blue": "https://i0.hdslb.com/bfs/live/18e2990a546d33368200f9058f3d9dbc4038eb5c.png",  "icon\_url\_pink": "https://i0.hdslb.com/bfs/live/a6c490c36e88c7b191a04883a5ec15aed187a8f7.png",  "icon\_url\_grey": "https://i0.hdslb.com/bfs/live/cb7444b1faf1d785df6265bfdc1fcfc993419b76.png",  "action\_type": 1,  "timestamp": 1722507470,  "msg\_id": "dd0518e1-5fb0-494e-bd53-19c797fb5c19",  "jump\_url\_link": "https://live.bilibili.com/p/html/live-app-hotrank/index.html?clientType=3&ruid=1629467333&conf\_id=24&is\_live\_half\_webview=1&hybrid\_rotate\_d=1&is\_cling\_player=1&hybrid\_half\_ui=1,3,100p,70p,f4eefa,0,30,100,0,0;2,2,375,100p,f4eefa,0,30,100,0,0;3,3,100p,70p,f4eefa,0,30,100,0,0;4,2,375,100p,f4eefa,0,30,100,0,0;5,3,100p,70p,f4eefa,0,30,100,0,0;6,3,100p,70p,f4eefa,0,30,100,0,0;7,3,100p,70p,f4eefa,0,30,100,0,0;8,3,100p,70p,f4eefa,0,30,100,0,0#/area-rank",  "jump\_url\_pc": "https://live.bilibili.com/p/html/live-app-hotrank/index.html?clientType=4&ruid=1629467333&conf\_id=24&pc\_ui=338,465,f4eefa,0#/area-rank",  "jump\_url\_pink": "https://live.bilibili.com/p/html/live-app-hotrank/index.html?clientType=1&ruid=1629467333&conf\_id=24&is\_live\_half\_webview=1&hybrid\_rotate\_d=1&hybrid\_half\_ui=1,3,100p,70p,ffffff,0,30,100,12,0;2,2,375,100p,ffffff,0,30,100,0,0;3,3,100p,70p,ffffff,0,30,100,12,0;4,2,375,100p,ffffff,0,30,100,0,0;5,3,100p,70p,ffffff,0,30,100,0,0;6,3,100p,70p,ffffff,0,30,100,0,0;7,3,100p,70p,ffffff,0,30,100,0,0;8,3,100p,70p,ffffff,0,30,100,0,0#/area-rank",  "jump\_url\_web": "https://live.bilibili.com/p/html/live-app-hotrank/index.html?clientType=2&ruid=1629467333&conf\_id=24#/area-rank"  }  } |

#### 编码：BENEFIT\_CARD\_CLEAN 待更新

待更新

#### 编码：BOX\_ACTIVITY\_START 待更新

待更新

#### 编码：CARD\_MSG 卡片消息

| **字段名称** | **参数类型** | **说明** |
| --- | --- | --- |
| cmd | String | 命令类型：CARD\_MSG |
| **data** | **Object** | 数据体 |
| **data 数据体字段明细** | | |
| card\_type | String | 类型 |
| **card\_data** | **Object** |  |
| **card\_data 数据体字段明细** | | |
| arouse | int | 待确认 |
| interval | int | 待确认 |
| msg | String | 消息 |
| room\_id | int | 直播间ID |
| source\_event | int | 待确认 |
| uid | int | 用户UID |

|  |
| --- |
| {  "cmd": "CARD\_MSG",  "data": {  "card\_type": "daily\_recommend",  "card\_data": {  "arouse": 600,  "interval": 3,  "msg": "快来关注我，下次直播不迷路~",  "room\_id": 22719662,  "source\_event": 3,  "uid": 17907117  }  }  } |

#### 编码：CHG\_RANK\_REFRESH 充电榜单更新

| **字段名称** | **参数类型** | **说明** |
| --- | --- | --- |
| cmd | String | 命令类型：CHG\_RANK\_REFRESH |
| **data** | **Object** | 数据体 |
| **data 数据体字段明细** | | |
| cmd | String | 命令类型：CHG\_RANK\_REFRESH |
| rank\_type | int | 榜单类型 |
| rank\_module | String | 榜单模块 |
| room\_id | int | 直播间ID |
| ruid | int | 待确认 |
| need\_refresh | boolean | 刷新状态 |
| version | int | 版本 |

|  |
| --- |
| {  "cmd": "CHG\_RANK\_REFRESH",  "data": {  "cmd": "CHG\_RANK\_REFRESH",  "rank\_type": 3,  "rank\_module": "area",  "room\_id": 5279,  "ruid": 110631,  "need\_refresh": true,  "version": 1723599915239  }  } |

#### 编码：COMBO\_SEND 礼物连击

| **字段名称** | **参数类型** | **说明** |
| --- | --- | --- |
| cmd | String | 命令类型：COMBO\_SEND |
| **data** | **Object** | 数据体 |
| **data 数据体字段明细** | | |
| action | String | 动作 |
| batch\_combo\_id | String | 批量连击标识ID |
| batch\_combo\_num | int | 批量连击数 |
| coin\_type | String | 硬币类型（金瓜子/银瓜子） |
| combo\_id | String | 当前连击标识ID |
| combo\_num | int | 当前连击数 |
| combo\_total\_coin | int | 当前连击总硬币数 |
| dmscore | int | 弹幕分值 |
| gift\_id | int | 礼物标识ID |
| gift\_name | String | 礼物名称 |
| gift\_num | int | 礼物数 |
| group\_medal | UN Known | 待确认 |
| is\_join\_receiver | boolean | 待确认 |
| is\_naming | boolean | 待确认 |
| is\_show | int | 展示状态 |
| **medal\_info** | **Object** | 粉丝牌信息 |
| name\_color | String | 待确认 |
| r\_uname | String | 接收主播名称 |
| **receive\_user\_info** | **Object** | 接收主播信息（UID/主播名称） |
| **receiver\_uinfo** | **Object** | 接收主播详细信息 |
| ruid | int | 接收主播UID |
| send\_master | UN Known | 待确认 |
| **sender\_uinfo** | **Object** | 礼物连击用户详细信息 |
| total\_num | int | 总连击数 |
| uid | int | 礼物连击用户UID |
| uname | String | 礼物连击用户名称 |
| wealth\_level | int | 待确认 |
| **medal\_info 数据体字段明细** | | |
| anchor\_roomid | int | 待确认 |
| anchor\_uname | int | 待确认 |
| guard\_level | int | 待确认 |
| icon\_id | int | 待确认 |
| is\_lighted | int | 粉丝牌是否点亮 |
| medal\_color | int | 粉丝牌颜色 |
| medal\_color\_border | int | 粉丝牌边框颜色 |
| medal\_color\_end | int | 粉丝牌颜色结束 |
| medal\_color\_start | int | 粉丝牌颜色开始 |
| medal\_level | int | 粉丝牌等级 |
| medal\_name | String | 粉丝牌名称 |
| special | String | 待确认 |
| target\_id | int | 粉丝牌所属主播UID |
| **receive\_user\_info 数据体字段明细** | | |
| uid | int | 接收主播UID |
| uname | String | 接收主播名称 |
| **receiver\_uinfo 数据体字段明细** | | |
| **base** | **Object** | 基础信息 |
| guard | UN Known | 待确认 |
| guard\_leader | UN Known | 待确认 |
| medal | UN Known | 待确认 |
| title | UN Known | 待确认 |
| uhead\_frame | UN Known | 待确认 |
| uid | int | 主播UID |
| wealth | UN Known | 待确认 |
| **base 数据体字段明细** | | |
| face | String | 主播用户头像地址 |
| is\_mystery | boolean | 待确认 |
| name | String | 主播用户名 |
| name\_color | int | 主播用户名颜色 |
| name\_color\_str | String | 主播用户名颜色 |
| **official\_info** | **Object** | 主播认证信息 |
| **origin\_info** | **Object** | 主播用户名&用户头像信息 |
| **risk\_ctrl\_info** | **Object** | 待确认 |
| **official\_info 数据体字段明细** | | |
| desc | String | 描述 |
| role | int | 主播用户角色 |
| title | String | 主播用户头衔 |
| type | int | 类型 |
| **origin\_info 数据体字段明细** | | |
| face | String | 主播用户头像地址 |
| name | String | 主播用户名 |
| **risk\_ctrl\_info 数据体字段明细** | | |
| face | String | 主播用户头像地址 |
| name | String | 主播用户名 |
| **sender\_uinfo 数据体字段明细** | | |
| **base** | **Object** | 礼物连击用户信息 |
| guard | UN Known | 待确认 |
| guard\_leader | UN Known | 待确认 |
| **medal** | **Object** | 礼物连击用户佩戴粉丝牌信息 |
| title | UN Known | 待确认 |
| uhead\_frame | UN Known | 待确认 |
| uid | int | 待确认 |
| wealth | UN Known | 待确认 |
| **base 数据体字段明细** | | |
| face | String | 礼物连击用户头像地址 |
| is\_mystery | boolean | 待确认 |
| name | String | 礼物连击用户名 |
| name\_color | int | 礼物连击用户名颜色 |
| name\_color\_str | String | 礼物连击用户名颜色 |
| **official\_info** | **Object** | 礼物连击认证信息 |
| **origin\_info** | **Object** | 礼物连击用户名&用户头像信息 |
| **risk\_ctrl\_info** | **Object** | 待确认 |
| **official\_info 数据体字段明细** | | |
| desc | String | 描述 |
| role | int | 礼物连击用户角色 |
| title | String | 礼物连击用户头衔 |
| type | int | 类型 |
| **origin\_info 数据体字段明细** | | |
| face | String | 礼物连击用户头像地址 |
| name | String | 礼物连击用户名 |
| **risk\_ctrl\_info 数据体字段明细** | | |
| face | String | 礼物连击用户头像地址 |
| name | String | 礼物连击用户名 |
| **medal 数据体字段明细** | | |
| color | int | 粉丝牌颜色 |
| color\_border | int | 粉丝牌边框颜色 |
| color\_end | int | 粉丝牌颜色开始 |
| color\_start | int | 粉丝牌颜色结束 |
| guard\_icon | String | 待确认 |
| guard\_level | int | 待确认 |
| honor\_icon | String | 待确认 |
| id | int | 待确认 |
| is\_light | int | 粉丝牌点亮状态 |
| level | int | 粉丝牌等级 |
| name | String | 粉丝牌名称 |
| ruid | int | 粉丝牌所属主播UID |
| score | int | 粉丝牌分值 |
| typ | int | 待确认 |
| user\_receive\_count | int | 待确认 |
| v2\_medal\_color\_border | String | V2粉丝牌边框颜色 |
| v2\_medal\_color\_end | String | V2粉丝牌颜色结束 |
| v2\_medal\_color\_level | String | V2粉丝牌等级颜色 |
| v2\_medal\_color\_start | String | V2粉丝牌颜色开始 |
| v2\_medal\_color\_text | String | V2粉丝牌文本颜色 |

|  |
| --- |
| {  "cmd": "COMBO\_SEND",  "data": {  "action": "投喂",  "batch\_combo\_id": "batch:gift:combo\_id:102636790:1629467333:34001:1722499328.8177",  "batch\_combo\_num": 4,  "coin\_type": "gold",  "combo\_id": "gift:combo\_id:102636790:1629467333:34001:1722499328.8162",  "combo\_num": 4,  "combo\_total\_coin": 400,  "dmscore": 140,  "gift\_id": 34001,  "gift\_name": "粉丝团灯牌",  "gift\_num": 0,  "group\_medal": null,  "is\_join\_receiver": false,  "is\_naming": false,  "is\_show": 1,  "medal\_info": {  "anchor\_roomid": 0,  "anchor\_uname": "",  "guard\_level": 0,  "icon\_id": 0,  "is\_lighted": 1,  "medal\_color": 12478086,  "medal\_color\_border": 12478086,  "medal\_color\_end": 12478086,  "medal\_color\_start": 12478086,  "medal\_level": 16,  "medal\_name": "莲宝p",  "special": "",  "target\_id": 1629467333  },  "name\_color": "",  "r\_uname": "夜莲Annbbers",  "receive\_user\_info": {  "uid": 1629467333,  "uname": "夜莲Annbbers"  },  "receiver\_uinfo": {  "base": {  "face": "https://i2.hdslb.com/bfs/face/a20ae17bc93de9a31480d8004b422659a052178a.jpg",  "is\_mystery": false,  "name": "夜莲Annbbers",  "name\_color": 0,  "name\_color\_str": "",  "official\_info": {  "desc": "",  "role": 1,  "title": "bilibili 知名游戏UP主",  "type": 0  },  "origin\_info": {  "face": "https://i2.hdslb.com/bfs/face/a20ae17bc93de9a31480d8004b422659a052178a.jpg",  "name": "夜莲Annbbers"  },  "risk\_ctrl\_info": {  "face": "https://i2.hdslb.com/bfs/face/a20ae17bc93de9a31480d8004b422659a052178a.jpg",  "name": "夜莲Annbbers"  }  },  "guard": null,  "guard\_leader": null,  "medal": null,  "title": null,  "uhead\_frame": null,  "uid": 1629467333,  "wealth": null  },  "ruid": 1629467333,  "send\_master": null,  "sender\_uinfo": {  "base": {  "face": "https://i1.hdslb.com/bfs/face/0262f3b80b02e297a2d59637d717725d7c06338a.jpg",  "is\_mystery": false,  "name": "KyeFn",  "name\_color": 0,  "name\_color\_str": "",  "official\_info": {  "desc": "",  "role": 0,  "title": "",  "type": -1  },  "origin\_info": {  "face": "https://i1.hdslb.com/bfs/face/0262f3b80b02e297a2d59637d717725d7c06338a.jpg",  "name": "KyeFn"  },  "risk\_ctrl\_info": {  "face": "https://i1.hdslb.com/bfs/face/0262f3b80b02e297a2d59637d717725d7c06338a.jpg",  "name": "KyeFn"  }  },  "guard": null,  "guard\_leader": null,  "medal": {  "color": 12478086,  "color\_border": 12478086,  "color\_end": 12478086,  "color\_start": 12478086,  "guard\_icon": "",  "guard\_level": 0,  "honor\_icon": "",  "id": 0,  "is\_light": 1,  "level": 16,  "name": "莲宝p",  "ruid": 1629467333,  "score": 137520,  "typ": 0,  "user\_receive\_count": 0,  "v2\_medal\_color\_border": "#C85DC499",  "v2\_medal\_color\_end": "#C85DC499",  "v2\_medal\_color\_level": "#59005699",  "v2\_medal\_color\_start": "#C85DC499",  "v2\_medal\_color\_text": "#FFFFFFFF"  },  "title": null,  "uhead\_frame": null,  "uid": 102636790,  "wealth": null  },  "total\_num": 4,  "uid": 102636790,  "uname": "KyeFn",  "wealth\_level": 6  }  } |

#### 编码：COMMON\_ANIMATION 公共动画

| **字段名称** | **参数类型** | **说明** |
| --- | --- | --- |
| cmd | String | 命令类型：COMMON\_ANIMATION |
| **data** | **Object** | 数据体 |
| **data 数据体字段明细** | | |
| uid | int | 待确认 |
| effect\_id | int | 待确认 |
| demarcation | int | 待确认 |
| order\_id | String | 待确认 |

|  |
| --- |
| {  "cmd": "COMMON\_ANIMATION",  "data": {  "uid": 1820627345,  "effect\_id": 1625,  "demarcation": 3,  "order\_id": "2408161218454782173454702"  }  } |

#### 编码：COMMON\_NOTICE\_DANMAKU 公共通知弹幕

| **字段名称** | **参数类型** | **说明** |
| --- | --- | --- |
| cmd | String | 命令类型：COMMON\_NOTICE\_DANMAKU |
| **data** | **Object** | 数据体 |
| **data 数据体字段明细** | | |
| **content\_segments** | **Object[]** | 通知内容分片 |
| dmscore | int | 弹幕分 |
| **terminals** | **int[]** | 待确认 |
| **content\_segments 数据体字段明细** | | |
| font\_color | String | 字体颜色 |
| font\_color\_dark | String | 字体颜色（黑） |
| highlight\_font\_color | String | 高亮字体颜色 |
| highlight\_font\_color\_dark | String | 高亮字体颜色（黑） |
| text | String | 弹幕通知内容 |
| type | int | 待确认 |

|  |
| --- |
| {  "cmd": "COMMON\_NOTICE\_DANMAKU",  "data": {  "content\_segments": [  {  "font\_color": "#CCCCCC",  "font\_color\_dark": "#CCCCCC",  "highlight\_font\_color": "#FFC73E",  "highlight\_font\_color\_dark": "#FFC73E",  "text": "恭喜用户 尼卡nikani <%荣耀等级升级至11级%>",  "type": 1  }  ],  "dmscore": 1008,  "terminals": [  1,  4,  5  ]  }  } |

#### 编码：COMMON\_NOTICE\_DANMAKU 公共通知弹幕

| **字段名称** | **参数类型** | **说明** |
| --- | --- | --- |
| cmd | String | 命令类型：COMMON\_NOTICE\_DANMAKU |
| **data** | **Object** | 数据体 |
| **data 数据体字段明细** | | |
| **content\_segments** | **Object[]** | 通知内容分片 |
| dmscore | int | 弹幕分 |
| **terminals** | **int[]** | 待确认 |
| **content\_segments 数据体字段明细** | | |
| font\_color | String | 字体颜色 |
| text | String | 弹幕通知内容 |
| type | int |  |

|  |
| --- |
| {  "cmd": "COMMON\_NOTICE\_DANMAKU",  "data": {  "content\_segments": [  {  "font\_color": "#99A5AE",  "type": 1  },  {  "font\_color": "#FF7373",  "text": "芙宁娜和梓宸的狗",  "type": 1  },  {  "font\_color": "#99A5AE",  "text": "投喂",  "type": 1  },  {  "font\_color": "#FF7373",  "text": "超能魔盒",  "type": 1  },  {  "font\_color": "#99A5AE",  "text": "爆出",  "type": 1  },  {  "font\_color": "#FF7373",  "text": "离子超跑",  "type": 1  }  ],  "dmscore": 1008,  "terminals": [  1,  2,  3,  4,  5  ]  }  } |

#### 编码：CUSTOM\_NOTICE\_CARD 用户通知卡片

| **字段名称** | **参数类型** | **说明** |
| --- | --- | --- |
| cmd | String | 命令类型：CUSTOM\_NOTICE\_CARD |
| **data** | **Object** | 数据体 |
| **data 数据体字段明细** | | |
| title | String | 标题 |
| sub\_title | String | 子标题 |
| icon\_img | String | 图标地址 |
| business\_info | String | 业务信息 |
| business\_id | String | 业务信息标识ID |
| business\_status | int | 业务信息状态 |

|  |
| --- |
| {  "cmd": "CUSTOM\_NOTICE\_CARD",  "data": {  "title": "",  "sub\_title": "",  "icon\_img": "",  "business\_info": "",  "business\_id": "LIVE\_OPEN\_PLATFORM\_CARD",  "business\_status": 1  }  } |

#### 编码：CUT\_OFF 待更新

待更新

#### 编码：DANMU\_AGGREGATION 弹幕聚合

| **字段名称** | **参数类型** | **说明** |
| --- | --- | --- |
| cmd | String | 命令类型：DANMU\_AGGREGATION |
| **data** | **Object** | 数据体 |
| **data 数据体字段明细** | | |
| activity\_identity | String | 待确认 |
| activity\_source | int | 待确认 |
| aggregation\_cycle | int | 待确认 |
| aggregation\_icon | String | 待确认 |
| aggregation\_num | int | 弹幕内容聚合数 |
| broadcast\_msg\_type | int | 待确认 |
| msg | String | 弹幕内容 |
| show\_rows | int | 展示行数 |
| show\_time | int | 展示时间 |
| timestamp | int | 当前时间戳（10位） |

|  |
| --- |
| {  "cmd": "DANMU\_AGGREGATION",  "data": {  "activity\_identity": "7714219",  "activity\_source": 1,  "aggregation\_cycle": 1,  "aggregation\_icon": "https://i0.hdslb.com/bfs/live/c8fbaa863bf9099c26b491d06f9efe0c20777721.png",  "aggregation\_num": 999,  "broadcast\_msg\_type": 0,  "msg": "点个牌子",  "show\_rows": 1,  "show\_time": 2,  "timestamp": 1722499332  }  } |

#### 编码：DANMU\_MSG 弹幕消息

| **字段名称** | **参数类型** | **说明** |
| --- | --- | --- |
| cmd | String | 命令类型：DANMU\_MSG |
| dm\_v2 | String |  |
| **info** | **Array[]** | 数据体 |
| **info[0] Array[] 数据体字段明细** | | |
| 0 | int | 待确认 |
| 1 | int | 待确认 |
| 2 | int | 待确认 |
| 3 | int | 待确认 |
| 4 | int | 待确认 |
| 5 | int | 待确认 |
| 6 | int | 待确认 |
| 7 | int | 待确认 |
| 8 | String | 待确认 |
| 9 | int | 待确认 |
| 10 | int | 待确认 |
| 11 | int | 待确认 |
| 12 | String | 待确认 |
| 13 | int | 待确认 |
| **14** | **Object** | 待确认 |
| 15 | String | 待确认 |
| **16** | **Object** | 待确认 |
| **17** | **Object** | 待确认 |
| 18 | int | 待确认 |
| **info[0] Array[14] 数据体字段明细** | | |
| bulge\_display | int | 待确认 |
| emoticon\_unique | String | 待确认 |
| height | int | 图像高度 |
| in\_player\_area | int | 待确认 |
| is\_dynamic | int | 待确认 |
| url | String | 图像路径 |
| width | int | 图像宽度 |
| **info[0] Array[16] 数据体字段明细** | | |
| extra | String | 弹幕扩展信息（JSON） |
| mode | int | 待确认 |
| show\_player\_type | int | 待确认 |
| **user** | **Object** | 用户信息 |
| **info[0] Array[16] user 数据体字段明细** | | |
| **base** | **Object** | 用户基础信息 |
| guard | UN Known | 待确认 |
| **guard\_leader** | **Object** | 待确认 |
| **medal** | **Object** | 弹幕用户佩戴粉丝牌信息 |
| **title** | **Object** | 弹幕用户佩戴头衔信息 |
| uhead\_frame | UN Known | 待确认 |
| uid | int | 弹幕用户UID |
| wealth | UN Known | 待确认 |
| **base 数据体字段明细** | | |
| face | String | 礼物连击用户头像地址 |
| is\_mystery | boolean | 待确认 |
| name | String | 弹幕消息用户名 |
| name\_color | int | 弹幕消息用户名颜色 |
| name\_color\_str | String | 弹幕消息用户名颜色 |
| **official\_info** | **Object** | 弹幕消息用户认证信息 |
| **origin\_info** | **Object** | 弹幕消息用户名&用户头像信息 |
| **risk\_ctrl\_info** | **Object** | 待确认 |
| **official\_info 数据体字段明细** | | |
| desc | String | 描述 |
| role | int | 弹幕消息用户角色 |
| title | String | 弹幕消息用户头衔 |
| type | int | 类型 |
| **origin\_info 数据体字段明细** | | |
| face | String | 弹幕消息用户头像地址 |
| name | String | 弹幕消息用户名 |
| **risk\_ctrl\_info 数据体字段明细** | | |
| face | String | 弹幕消息用户头像地址 |
| name | String | 弹幕消息用户名 |
| **guard\_leader 数据体字段明细** | | |
| is\_guard\_leader | boolean | 待确认 |
| **medal 数据体字段明细** | | |
| color | int | 粉丝牌颜色 |
| color\_border | int | 粉丝牌边框颜色 |
| color\_end | int | 粉丝牌颜色开始 |
| color\_start | int | 粉丝牌颜色结束 |
| guard\_icon | String | 待确认 |
| guard\_level | int | 待确认 |
| honor\_icon | String | 待确认 |
| id | int | 待确认 |
| is\_light | int | 粉丝牌点亮状态 |
| level | int | 粉丝牌等级 |
| name | String | 粉丝牌名称 |
| ruid | int | 粉丝牌所属主播UID |
| score | int | 粉丝牌分值 |
| typ | int | 待确认 |
| user\_receive\_count | int | 待确认 |
| v2\_medal\_color\_border | String | V2粉丝牌边框颜色 |
| v2\_medal\_color\_end | String | V2粉丝牌颜色结束 |
| v2\_medal\_color\_level | String | V2粉丝牌等级颜色 |
| v2\_medal\_color\_start | String | V2粉丝牌颜色开始 |
| v2\_medal\_color\_text | String | V2粉丝牌文本颜色 |
| **title 数据体字段明细** | | |
| old\_title\_css\_id | String | 头衔样式标识ID（旧） |
| title\_css\_id | String | 头衔样式标识ID |
| **info[0] Array[17] 数据体字段明细** | | |
| activity\_identity | String | 待确认 |
| activity\_source | int | 待确认 |
| not\_show | int | 待确认 |
| **info[1] String 数据体字段明细** | | |
| 1 | String | 弹幕消息 |
| **info[2] Array[] 数据体字段明细** | | |
| 0 | int | 弹幕用户UID |
| 1 | String | 弹幕消息用户名 |
| 2 | int | 待确认 |
| 3 | int | 待确认 |
| 4 | int | 待确认 |
| 5 | int | 待确认 |
| 6 | int | 待确认 |
| 7 | String | 待确认 |
| **info[3] Array[] 数据体字段明细** | | |
| 0 | int | 弹幕用户粉丝牌等级 |
| 1 | String | 弹幕用户粉丝牌名称 |
| 2 | String | 弹幕用户粉丝牌所属主播名称 |
| 3 | int | 弹幕用户粉丝牌所属主播UID |
| 4 | int | 待确认 |
| 5 | String | 待确认 |
| 6 | int | 待确认 |
| 7 | int | 待确认 |
| 8 | int | 待确认 |
| 9 | int | 待确认 |
| 10 | int | 待确认 |
| 11 | int | 待确认 |
| 12 | int | 时间戳（10位） |
| **info[4] Array[] 数据体字段明细** | | |
| 0 | int | 待确认 |
| 1 | int | 待确认 |
| 2 | int | 待确认 |
| 3 | String | 待确认 |
| 4 | int | 待确认 |
| **info[5] Array[] 数据体字段明细** | | |
| 0 | String | 待确认 |
| 1 | String | 待确认 |
| **info[6] int 数据体字段明细** | | |
| 6 | int | 待确认 |
| **info[7] int 数据体字段明细** | | |
| 7 | int | 待确认 |
| **info[8] UN Known 数据体字段明细** | | |
| 8 | UN Known | 待确认 |
| **info[9] Object 数据体字段明细** | | |
| ct | String | 待确认 |
| ts | int | 时间戳（10位） |
| **info[10] int 数据体字段明细** | | |
| 10 | int | 待确认 |
| **info[11] int 数据体字段明细** | | |
| 11 | int | 待确认 |
| **info[12] UN Known 数据体字段明细** | | |
| 12 | UN Known | 待确认 |
| **info[13] UN Known 数据体字段明细** | | |
| 13 | UN Known | 待确认 |
| **info[14] UN Known 数据体字段明细** | | |
| 14 | int | 待确认 |
| **info[15] UN Known 数据体字段明细** | | |
| 15 | int | 待确认 |
| **info[16] Array[] 数据体字段明细** | | |
| 0 | int | 待确认 |
| **info[17] UN Known 数据体字段明细** | | |
| 17 | UN Known | 待确认 |

|  |
| --- |
| {  "cmd": "DANMU\_MSG",  "dm\_v2": "",  "info": [  [  0,  1,  25,  5816798,  1722499332706,  -2123018918,  0,  "43727c65",  0,  0,  0,  "",  1,  {  "bulge\_display": 1,  "emoticon\_unique": "room\_24160384\_63168",  "height": 162,  "in\_player\_area": 1,  "is\_dynamic": 0,  "url": "http://i0.hdslb.com/bfs/live/4d48ead731df23e71029b60b36d5e3d446b472f9.png",  "width": 162  },  "{}",  {  "extra": "{\"send\_from\_me\":false,\"mode\":0,\"color\":5816798,\"dm\_type\":1,\"font\_size\":25,\"player\_mode\":1,\"show\_player\_type\":0,\"content\":\"红猪\",\"user\_hash\":\"1131576421\",\"emoticon\_unique\":\"room\_24160384\_63168\",\"bulge\_display\":1,\"recommend\_score\":0,\"main\_state\_dm\_color\":\"\",\"objective\_state\_dm\_color\":\"\",\"direction\":0,\"pk\_direction\":0,\"quartet\_direction\":0,\"anniversary\_crowd\":0,\"yeah\_space\_type\":\"\",\"yeah\_space\_url\":\"\",\"jump\_to\_url\":\"\",\"space\_type\":\"\",\"space\_url\":\"\",\"animation\":{},\"emots\":null,\"is\_audited\":false,\"id\_str\":\"2de68988111b9d55125cf0415666ab4110\",\"icon\":null,\"show\_reply\":true,\"reply\_mid\":0,\"reply\_uname\":\"\",\"reply\_uname\_color\":\"\",\"reply\_is\_mystery\":false,\"hit\_combo\":0}",  "mode": 0,  "show\_player\_type": 0,  "user": {  "base": {  "face": "https://i1.hdslb.com/bfs/face/69c2870efaf0c9f097cdc8df3fb3f3fa80427cc3.jpg",  "is\_mystery": false,  "name": "不会游泳の鲨鱼",  "name\_color": 0,  "name\_color\_str": "",  "official\_info": {  "desc": "",  "role": 0,  "title": "",  "type": -1  },  "origin\_info": {  "face": "https://i1.hdslb.com/bfs/face/69c2870efaf0c9f097cdc8df3fb3f3fa80427cc3.jpg",  "name": "不会游泳の鲨鱼"  },  "risk\_ctrl\_info": null  },  "guard": null,  "guard\_leader": {  "is\_guard\_leader": false  },  "medal": {  "color": 12478086,  "color\_border": 12478086,  "color\_end": 12478086,  "color\_start": 12478086,  "guard\_icon": "",  "guard\_level": 0,  "honor\_icon": "",  "id": 609329,  "is\_light": 1,  "level": 15,  "name": "莲宝p",  "ruid": 1629467333,  "score": 99613,  "typ": 0,  "user\_receive\_count": 0,  "v2\_medal\_color\_border": "#C85DC499",  "v2\_medal\_color\_end": "#C85DC499",  "v2\_medal\_color\_level": "#59005699",  "v2\_medal\_color\_start": "#C85DC499",  "v2\_medal\_color\_text": "#FFFFFFFF"  },  "title": {  "old\_title\_css\_id": "",  "title\_css\_id": ""  },  "uhead\_frame": null,  "uid": 334557511,  "wealth": null  }  },  {  "activity\_identity": "",  "activity\_source": 0,  "not\_show": 0  },  0  ],  "红猪",  [  334557511,  "不会游泳の鲨鱼",  0,  0,  0,  10000,  1,  ""  ],  [  15,  "莲宝p",  "夜莲Annbbers",  24160384,  12478086,  "",  0,  12478086,  12478086,  12478086,  0,  1,  1629467333  ],  [  0,  0,  9868950,  ">50000",  0  ],  [  "",  ""  ],  0,  0,  null,  {  "ct": "F9BCE766",  "ts": 1722499332  },  0,  0,  null,  null,  0,  110,  [  6  ],  null  ]  } |

#### 编码：DANMU\_TAG\_CHANGE 待更新

待更新

#### 编码：DM\_INTERACTION 他们都在说

| **字段名称** | **参数类型** | **说明** |
| --- | --- | --- |
| cmd | String | 命令类型：DM\_INTERACTION |
| **data** | **Object** | 数据体 |
| **data 数据体字段明细** | | |
| data | String | 内容集合（JSON） |
| dmscore | int | 待确认 |
| id | int | 待确认 |
| status | int | 待确认 |
| type | int | 待确认 |
| **data.data 数据体字段明细** | | |
| **combo** | **Object[]** | 弹幕发送连击集合 |
| merge\_interval | int | 合并时间间隔 |
| card\_appear\_interval | int | 待确认 |
| send\_interval | int | 发送时间间隔 |
| reset\_cnt | int | 待确认 |
| display\_flag | int | 待确认 |
| **combo[0] 数据体字段明细** | | |
| id | int | 连击弹幕组标识ID |
| status | int | 连击弹幕组状态 |
| content | String | 连击弹幕组弹幕 |
| cnt | int | 待确认 |
| guide | String | 说明 |
| left\_duration | int | 剩余时间 |
| fade\_duration | int | 进入时间 |
| prefix\_icon | String | 前缀图标地址 |

|  |
| --- |
| {  "cmd": "DM\_INTERACTION",  "data": {  "data": "{\"combo\":[{\"id\":48554360003584,\"status\":4,\"content\":\"点个牌子\",\"cnt\":390,\"guide\":\"他们都在说:\",\"left\_duration\":20000,\"fade\_duration\":10000,\"prefix\_icon\":\"\"},{\"id\":48554513057280,\"status\":4,\"content\":\"111\",\"cnt\":3,\"guide\":\"他们都在说:\",\"left\_duration\":18000,\"fade\_duration\":10000,\"prefix\_icon\":\"\"},{\"id\":48554510946816,\"status\":4,\"content\":\"？\",\"cnt\":3,\"guide\":\"他们都在说:\",\"left\_duration\":17000,\"fade\_duration\":10000,\"prefix\_icon\":\"\"}],\"merge\_interval\":1000,\"card\_appear\_interval\":1000,\"send\_interval\":1000,\"reset\_cnt\":1,\"display\_flag\":0}",  "dmscore": 36,  "id": 48554360003584,  "status": 4,  "type": 102  }  } |

|  |
| --- |
| {  "combo": [  {  "id": 48554360003584,  "status": 4,  "content": "点个牌子",  "cnt": 390,  "guide": "他们都在说:",  "left\_duration": 20000,  "fade\_duration": 10000,  "prefix\_icon": ""  },  {  "id": 48554513057280,  "status": 4,  "content": "111",  "cnt": 3,  "guide": "他们都在说:",  "left\_duration": 18000,  "fade\_duration": 10000,  "prefix\_icon": ""  },  {  "id": 48554510946816,  "status": 4,  "content": "？",  "cnt": 3,  "guide": "他们都在说:",  "left\_duration": 17000,  "fade\_duration": 10000,  "prefix\_icon": ""  }  ],  "merge\_interval": 1000,  "card\_appear\_interval": 1000,  "send\_interval": 1000,  "reset\_cnt": 1,  "display\_flag": 0  } |

#### 编码：ENTRY\_EFFECT 用户入场信息

| **字段名称** | **参数类型** | **说明** |
| --- | --- | --- |
| cmd | String | 命令类型：ENTRY\_EFFECT |
| **data** | **Object** | 数据体 |
| **data 数据体字段明细** | | |
| id | int | 待确认 |
| uid | int | 进入直播间用户UID |
| target\_id | int | 直播间主播用户UID |
| mock\_effect | int | 待确认 |
| face | String | 进入直播间用户头像（路径） |
| privilege\_type | int | 待确认 |
| copy\_writing | String | 带特殊标签<%%>标注的入场信息 |
| copy\_color | String | 字体颜色 |
| highlight\_color | String | 高亮颜色 |
| priority | int | 待确认 |
| basemap\_url | String | 入场信息背景图（路径） |
| show\_avatar | int | 待确认 |
| effective\_time | int | 待确认 |
| web\_basemap\_url | String | 入场信息背景图（路径） |
| web\_effective\_time | int | 待确认 |
| web\_effect\_close | int | 待确认 |
| web\_close\_time | int | 待确认 |
| business | int | 待确认 |
| copy\_writing\_v2 | String | 带特殊标签<%%>标注的入场信息V2 |
| icon\_list | Array[] | 待确认 |
| max\_delay\_time | int | 最大延迟时间 |
| trigger\_time | long | 触发时间 |
| identities | int | 待确认 |
| effect\_silent\_time | int | 入场禁言时间 |
| effective\_time\_new | int | 入场时间（新） |
| web\_dynamic\_url\_webp | String | 待确认 |
| web\_dynamic\_url\_apng | String | 待确认 |
| mobile\_dynamic\_url\_webp | String | 待确认 |
| wealthy\_info | UN Known | 待确认 |
| new\_style | int | 待确认 |
| is\_mystery | boolean | 待确认 |
| **uinfo** | **Object** | 用户信息 |
| full\_cartoon\_id | int | 待确认 |
| priority\_level | int | 待确认 |
| **uinfo 数据体字段明细** | | |
| uid | int | 待确认 |
| **base** | **Object** | 进入直播间用户信息 |
| **medal** | **Object** | 进入直播间用户佩戴粉丝牌信息 |
| **wealth** | **Object** | 待确认 |
| title | UN Known | 待确认 |
| **guard** | **Object** | 待确认 |
| uhead\_frame | UN Known | 待确认 |
| guard\_leader | UN Known | 待确认 |
| **base 数据体字段明细** | | |
| name | String | 弹幕用户名 |
| face | String | 弹幕用户头像地址 |
| name\_color | int | 弹幕用户名颜色 |
| is\_mystery | boolean | 待确认 |
| **risk\_ctrl\_info** | **Object** | 待确认 |
| **origin\_info** | **Object** | 弹幕用户名&用户头像信息 |
| **official\_info** | **Object** | 弹幕认证信息 |
| name\_color\_str | String | 弹幕用户名颜色 |
| **medal 数据体字段明细** | | |
| name | String | 粉丝牌名称 |
| level | int | 粉丝牌等级 |
| color\_end | int | 粉丝牌颜色开始 |
| color\_start | int | 粉丝牌颜色结束 |
| color\_border | int | 粉丝牌边框颜色 |
| color | int | 粉丝牌颜色 |
| id | int | 待确认 |
| typ | int | 待确认 |
| is\_light | int | 粉丝牌点亮状态 |
| ruid | int | 粉丝牌所属主播UID |
| guard\_level | int | 待确认 |
| score | int | 粉丝牌分值 |
| guard\_icon | String | 舰长图标（路径） |
| honor\_icon | String | 待确认 |
| v2\_medal\_color\_start | String | V2粉丝牌颜色开始 |
| v2\_medal\_color\_end | String | V2粉丝牌颜色结束 |
| v2\_medal\_color\_border | String | V2粉丝牌边框颜色 |
| v2\_medal\_color\_text | String | V2粉丝牌文本颜色 |
| v2\_medal\_color\_level | String | V2粉丝牌等级颜色 |
| user\_receive\_count | int | 待确认 |
| **wealth 数据体字段明细** | | |
| level | int | 等级 |
| dm\_icon\_key | String | 弹幕图标字典值 |
| **guard 数据体字段明细** | | |
| level | int | 等级 |
| expired\_str | String | 过期时间 |

|  |
| --- |
| {  "cmd": "ENTRY\_EFFECT",  "data": {  "id": 4,  "uid": 402395167,  "target\_id": 1629467333,  "mock\_effect": 0,  "face": "https://i1.hdslb.com/bfs/face/c3c14da2e60279adfd9b11fcba99268cd72b7f0b.jpg",  "privilege\_type": 3,  "copy\_writing": "<%所梦丶不朽%> 来了",  "copy\_color": "#ffffff",  "highlight\_color": "#E6FF00",  "priority": 1,  "basemap\_url": "https://i0.hdslb.com/bfs/live/mlive/11a6e8eb061c3e715d0a6a2ac0ddea2faa15c15e.png",  "show\_avatar": 1,  "effective\_time": 2,  "web\_basemap\_url": "https://i0.hdslb.com/bfs/live/mlive/11a6e8eb061c3e715d0a6a2ac0ddea2faa15c15e.png",  "web\_effective\_time": 2,  "web\_effect\_close": 0,  "web\_close\_time": 0,  "business": 1,  "copy\_writing\_v2": "<%所梦丶不朽%> 来了",  "icon\_list": [],  "max\_delay\_time": 7,  "trigger\_time": 1722499368722816800,  "identities": 6,  "effect\_silent\_time": 0,  "effective\_time\_new": 0,  "web\_dynamic\_url\_webp": "",  "web\_dynamic\_url\_apng": "",  "mobile\_dynamic\_url\_webp": "",  "wealthy\_info": null,  "new\_style": 0,  "is\_mystery": false,  "uinfo": {  "uid": 402395167,  "base": {  "name": "所梦丶不朽",  "face": "https://i1.hdslb.com/bfs/face/c3c14da2e60279adfd9b11fcba99268cd72b7f0b.jpg",  "name\_color": 0,  "is\_mystery": false,  "risk\_ctrl\_info": null,  "origin\_info": null,  "official\_info": null,  "name\_color\_str": "#00D1F1"  },  "medal": {  "name": "莲宝p",  "level": 21,  "color\_start": 1725515,  "color\_end": 5414290,  "color\_border": 6809855,  "color": 1725515,  "id": 609329,  "typ": 0,  "is\_light": 1,  "ruid": 1629467333,  "guard\_level": 3,  "score": 50001441,  "guard\_icon": "https://i0.hdslb.com/bfs/live/143f5ec3003b4080d1b5f817a9efdca46d631945.png",  "honor\_icon": "",  "v2\_medal\_color\_start": "#43B3E3CC",  "v2\_medal\_color\_end": "#43B3E3CC",  "v2\_medal\_color\_border": "#5FC7F4FF",  "v2\_medal\_color\_text": "#FFFFFFFF",  "v2\_medal\_color\_level": "#00308C99",  "user\_receive\_count": 0  },  "wealth": {  "level": 11,  "dm\_icon\_key": ""  },  "title": null,  "guard": {  "level": 3,  "expired\_str": "2024-08-31 23:59:59"  },  "uhead\_frame": null,  "guard\_leader": null  },  "full\_cartoon\_id": 0,  "priority\_level": 0  }  } |

#### 编码：ENTRY\_EFFECT\_MUST\_RECEIVE 用户入场信息（提示回应）

| **字段名称** | **参数类型** | **说明** |
| --- | --- | --- |
| cmd | String | 命令类型：ENTRY\_EFFECT\_MUST\_RECEIVE |
| **data** | **Object** | 数据体 |
| **data 数据体字段明细** | | |
| id | int | 待确认 |
| uid | int | 进入直播间用户UID |
| target\_id | int | 直播间主播用户UID |
| mock\_effect | int | 待确认 |
| face | String | 进入直播间用户头像（路径） |
| privilege\_type | int | 待确认 |
| copy\_writing | String | 带特殊标签<%%>标注的入场信息 |
| copy\_color | String | 字体颜色 |
| highlight\_color | String | 高亮颜色 |
| priority | int | 待确认 |
| basemap\_url | String | 入场信息背景图（路径） |
| show\_avatar | int | 待确认 |
| effective\_time | int | 待确认 |
| web\_basemap\_url | String | 入场信息背景图（路径） |
| web\_effective\_time | int | 待确认 |
| web\_effect\_close | int | 待确认 |
| web\_close\_time | int | 待确认 |
| business | int | 待确认 |
| copy\_writing\_v2 | String | 带特殊标签<%%>标注的入场信息V2 |
| icon\_list | Array[] | 待确认 |
| max\_delay\_time | int | 最大延迟时间 |
| trigger\_time | long | 触发时间 |
| identities | int | 待确认 |
| effect\_silent\_time | int | 入场禁言时间 |
| effective\_time\_new | int | 入场时间（新） |
| web\_dynamic\_url\_webp | String | 待确认 |
| web\_dynamic\_url\_apng | String | 待确认 |
| mobile\_dynamic\_url\_webp | String | 待确认 |
| **wealthy\_info** | **Object** | 用户财富信息 |
| new\_style | int | 待确认 |
| is\_mystery | boolean | 待确认 |
| **uinfo** | **Object** | 用户信息 |
| full\_cartoon\_id | int | 待确认 |
| priority\_level | int | 待确认 |
| **wealth\_style\_info** | **Object** | 用户财富样式信息 |
| **wealth\_style\_info 数据体字段明细** | | |
| uid | int | 待确认 |
| level | int | 用户财富等级 |
| level\_total\_score | int | 待确认 |
| cur\_score | int | 待确认 |
| upgrade\_need\_score | int | 待确认 |
| status | int | 待确认 |
| dm\_icon\_key | String | 弹幕图标字典值 |
| **uinfo 数据体字段明细** | | |
| uid | int | 待确认 |
| **base** | **Object** | 进入直播间用户信息 |
| **medal** | **Object** | 进入直播间用户佩戴粉丝牌信息 |
| **wealth** | **Object** | 财富信息 |
| title | UN Known | 待确认 |
| **guard** | **Object** | 待确认 |
| uhead\_frame | UN Known | 待确认 |
| guard\_leader | UN Known | 待确认 |
| **base 数据体字段明细** | | |
| name | String | 弹幕用户名 |
| face | String | 弹幕用户头像地址 |
| name\_color | int | 弹幕用户名颜色 |
| is\_mystery | boolean | 待确认 |
| **risk\_ctrl\_info** | **Object** | 待确认 |
| **origin\_info** | **Object** | 弹幕用户名&用户头像信息 |
| **official\_info** | **Object** | 弹幕认证信息 |
| name\_color\_str | String | 弹幕用户名颜色 |
| **medal 数据体字段明细** | | |
| name | String | 粉丝牌名称 |
| level | int | 粉丝牌等级 |
| color\_end | int | 粉丝牌颜色开始 |
| color\_start | int | 粉丝牌颜色结束 |
| color\_border | int | 粉丝牌边框颜色 |
| color | int | 粉丝牌颜色 |
| id | int | 待确认 |
| typ | int | 待确认 |
| is\_light | int | 粉丝牌点亮状态 |
| ruid | int | 粉丝牌所属主播UID |
| guard\_level | int | 待确认 |
| score | int | 粉丝牌分值 |
| guard\_icon | String | 舰长图标（路径） |
| honor\_icon | String | 待确认 |
| v2\_medal\_color\_start | String | V2粉丝牌颜色开始 |
| v2\_medal\_color\_end | String | V2粉丝牌颜色结束 |
| v2\_medal\_color\_border | String | V2粉丝牌边框颜色 |
| v2\_medal\_color\_text | String | V2粉丝牌文本颜色 |
| v2\_medal\_color\_level | String | V2粉丝牌等级颜色 |
| user\_receive\_count | int | 待确认 |
| **wealth 数据体字段明细** | | |
| level | int | 等级 |
| dm\_icon\_key | String | 弹幕图标字典值 |
| **guard 数据体字段明细** | | |
| level | int | 等级 |
| expired\_str | String | 过期时间 |
| **wealth\_style\_info数据体字段明细** | | |
| url | String | 用户财富等级图标（路径） |

|  |
| --- |
| {  "cmd": "ENTRY\_EFFECT",  "data": {  "id": 382,  "uid": 174557839,  "target\_id": 293593268,  "mock\_effect": 0,  "face": "https://i1.hdslb.com/bfs/face/a743f34dd278cac2e2bb642fe5337a6f076e643c.jpg",  "privilege\_type": 0,  "copy\_writing": "<%不浪漫会长%> 来了",  "copy\_color": "#F7F7F7",  "highlight\_color": "#FFFFFF",  "priority": 1,  "basemap\_url": "",  "show\_avatar": 0,  "effective\_time": 0,  "web\_basemap\_url": "https://i0.hdslb.com/bfs/live/mlive/5b14d1fc398f891c01f18e54a3384e75914d9333.png",  "web\_effective\_time": 4,  "web\_effect\_close": 1,  "web\_close\_time": 900,  "business": 6,  "copy\_writing\_v2": "<%不浪漫会长%> 来了",  "icon\_list": [],  "max\_delay\_time": 7,  "trigger\_time": 1733899139234830800,  "identities": 1,  "effect\_silent\_time": 0,  "effective\_time\_new": 0,  "web\_dynamic\_url\_webp": "",  "web\_dynamic\_url\_apng": "",  "mobile\_dynamic\_url\_webp": "",  "wealthy\_info": {  "uid": 0,  "level": 34,  "level\_total\_score": 0,  "cur\_score": 0,  "upgrade\_need\_score": 0,  "status": 0,  "dm\_icon\_key": ""  },  "new\_style": 1,  "is\_mystery": false,  "uinfo": {  "uid": 174557839,  "base": {  "name": "不浪漫会长",  "face": "https://i1.hdslb.com/bfs/face/a743f34dd278cac2e2bb642fe5337a6f076e643c.jpg",  "name\_color": 0,  "is\_mystery": false,  "risk\_ctrl\_info": null,  "origin\_info": null,  "official\_info": null,  "name\_color\_str": ""  },  "medal": {  "name": "清玫酒",  "level": 25,  "color\_start": 398668,  "color\_end": 6850801,  "color\_border": 6809855,  "color": 398668,  "id": 2892332,  "typ": 0,  "is\_light": 1,  "ruid": 3546725413292351,  "guard\_level": 3,  "score": 50019538,  "guard\_icon": "https://i0.hdslb.com/bfs/live/143f5ec3003b4080d1b5f817a9efdca46d631945.png",  "honor\_icon": "",  "v2\_medal\_color\_start": "#4775EFCC",  "v2\_medal\_color\_end": "#4775EFCC",  "v2\_medal\_color\_border": "#58A1F8FF",  "v2\_medal\_color\_text": "#FFFFFFFF",  "v2\_medal\_color\_level": "#000B7099",  "user\_receive\_count": 0  },  "wealth": {  "level": 34,  "dm\_icon\_key": ""  },  "title": null,  "guard": {  "level": 0,  "expired\_str": ""  },  "uhead\_frame": null,  "guard\_leader": null  },  "full\_cartoon\_id": 1800,  "priority\_level": 0,  "wealth\_style\_info": {  "url": "https://i0.hdslb.com/bfs/live/6c8e9dcc45d287ddcacf3ce173adb0e2efae4766.png"  }  }  } |

#### 编码：FULL\_SCREEN\_SPECIAL\_EFFECT 全屏特效

待更新

#### 编码：FUNCTION\_CARD 互动卡片

待更新

#### 编码：GIFT\_PANEL\_PLAN 礼物计划面板

| **字段名称** | **参数类型** | **说明** |
| --- | --- | --- |
| cmd | String | 命令类型：GIFT\_PANEL\_PLAN |
| **data** | **Object** | 数据体 |
| **data 数据体字段明细** | | |
| **gift\_list** | **Object[]** | 礼物列表 |
| **special\_type\_sort** | **int[]** | 特殊类型排序 |
| action | int | 待确认 |
| tab\_id | int | 待确认 |
| **gift\_list[n] 数据体字段明细** | | |
| gift\_id | int | 礼物标识ID |
| **config** | **Object** | 礼物配置信息 |
| full\_sc\_effect | UN Known | 待确认 |
| float\_sc\_effect | UN Known | 待确认 |
| special\_type | int | 待确认 |
| show | boolean | 是否展示 |
| **config 数据体字段明细** | | |
| id | int | 礼物标识ID |
| name | String | 礼物名称 |
| price | int | 礼物价格（厘） |
| type | int | 类型 |
| coin\_type | String | 硬币类型（金瓜子/银瓜子） |
| bag\_gift | int | 待确认 |
| effect | int | 待确认 |
| corner\_mark | String | 待确认 |
| corner\_background | String | 待确认 |
| broadcast | int | 是否广播 |
| draw | int | 待确认 |
| stay\_time | int | 留存时间 |
| animation\_frame\_num | int | 动画帧数 |
| desc | String | 礼物说明 |
| rule | String | 待确认 |
| rights | String | 待确认 |
| privilege\_required | int | 是否特权礼物 |
| **count\_map** | **Object[]** | 礼物赠送连接数预选模板 |
| img\_basic | String | 礼物图标（路径） |
| img\_dynamic | String | 礼物图标（路径） |
| frame\_animation | String | 礼物图标（路径） |
| gif | String | 礼物图标（路径） |
| webp | String | 礼物图标（路径） |
| full\_sc\_web | String | 待确认 |
| full\_sc\_horizontal | String | 待确认 |
| full\_sc\_vertical | String | 待确认 |
| full\_sc\_horizontal\_svga | String | 待确认 |
| full\_sc\_vertical\_svga | String | 待确认 |
| bullet\_head | String | 待确认 |
| bullet\_tail | String | 待确认 |
| limit\_interval | int | 待确认 |
| bind\_ruid | int | 待确认 |
| bind\_roomid | int | 待确认 |
| gift\_type | int | 礼物类型 |
| combo\_resources\_id | int | 待确认 |
| max\_send\_limit | int | 最大赠送数量限制 |
| weight | int | 权重 |
| goods\_id | int | 商品标识ID |
| has\_imaged\_gift | int | 待确认 |
| left\_corner\_text | String | 待确认 |
| left\_corner\_background | String | 待确认 |
| gift\_banner | UN Known | 待确认 |
| diy\_count\_map | int | 待确认 |
| effect\_id | int | 待确认 |
| first\_tips | String | 待确认 |
| **gift\_attrs** | **int[]** | 待确认 |
| corner\_mark\_color | String | 待确认 |
| corner\_color\_bg | String | 待确认 |
| **web\_light** | **Object** | 待确认 |
| **web\_dark** | **Object** | 待确认 |
| **web\_light 数据体字段明细** | | |
| corner\_mark | String | 待确认 |
| corner\_background | String | 待确认 |
| corner\_mark\_color | String | 待确认 |
| corner\_color\_bg | String | 待确认 |
| **web\_dark 数据体字段明细** | | |
| corner\_mark | String | 待确认 |
| corner\_background | String | 待确认 |
| corner\_mark\_color | String | 待确认 |
| corner\_color\_bg | String | 待确认 |

|  |
| --- |
| {  "cmd": "GIFT\_PANEL\_PLAN",  "data": {  "gift\_list": [  {  "gift\_id": 31482,  "config": {  "id": 31482,  "name": "幸运气球",  "price": 1000,  "type": 0,  "coin\_type": "gold",  "bag\_gift": 0,  "effect": 0,  "corner\_mark": "",  "corner\_background": "",  "broadcast": 0,  "draw": 0,  "stay\_time": 3,  "animation\_frame\_num": 16,  "desc": "弹幕宠物将使用气球飘出来",  "rule": "",  "rights": "",  "privilege\_required": 0,  "count\_map": [  {  "num": 1,  "text": "",  "desc": "",  "web\_svga": "",  "vertical\_svga": "",  "horizontal\_svga": "",  "special\_color": "",  "effect\_id": 0  },  {  "num": 10,  "text": "",  "desc": "",  "web\_svga": "",  "vertical\_svga": "",  "horizontal\_svga": "",  "special\_color": "",  "effect\_id": 0  },  {  "num": 100,  "text": "",  "desc": "",  "web\_svga": "",  "vertical\_svga": "",  "horizontal\_svga": "",  "special\_color": "",  "effect\_id": 0  },  {  "num": 520,  "text": "",  "desc": "",  "web\_svga": "",  "vertical\_svga": "",  "horizontal\_svga": "",  "special\_color": "",  "effect\_id": 0  }  ],  "img\_basic": "https://s1.hdslb.com/bfs/live/272dc91179fbb474470bc43058e0a11f68edc4e0.png",  "img\_dynamic": "https://i0.hdslb.com/bfs/live/272dc91179fbb474470bc43058e0a11f68edc4e0.png",  "frame\_animation": "https://i0.hdslb.com/bfs/live/db431b8586c8222ed93a8f4921213d16a79c71e7.png",  "gif": "https://i0.hdslb.com/bfs/live/94e30455fae4c51b8730ef0e28e2edaddef2cb71.gif",  "webp": "https://i0.hdslb.com/bfs/live/69b9b9d4f15b9d7196867a456b3ad11324060a7f.webp",  "full\_sc\_web": "",  "full\_sc\_horizontal": "",  "full\_sc\_vertical": "",  "full\_sc\_horizontal\_svga": "",  "full\_sc\_vertical\_svga": "",  "bullet\_head": "",  "bullet\_tail": "",  "limit\_interval": 0,  "bind\_ruid": 0,  "bind\_roomid": 0,  "gift\_type": 8,  "combo\_resources\_id": 0,  "max\_send\_limit": 5000,  "weight": 1,  "goods\_id": 168,  "has\_imaged\_gift": 0,  "left\_corner\_text": "",  "left\_corner\_background": "",  "gift\_banner": null,  "diy\_count\_map": 1,  "effect\_id": 0,  "first\_tips": "",  "gift\_attrs": [  0  ],  "corner\_mark\_color": "",  "corner\_color\_bg": "",  "web\_light": {  "corner\_mark": "",  "corner\_background": "",  "corner\_mark\_color": "",  "corner\_color\_bg": ""  },  "web\_dark": {  "corner\_mark": "",  "corner\_background": "",  "corner\_mark\_color": "",  "corner\_color\_bg": ""  }  },  "full\_sc\_effect": null,  "float\_sc\_effect": null,  "special\_type": 6,  "show": true  },  {  "gift\_id": 31569,  "config": {  "id": 31569,  "name": "喜庆爆竹",  "price": 100,  "type": 0,  "coin\_type": "gold",  "bag\_gift": 0,  "effect": 0,  "corner\_mark": "",  "corner\_background": "",  "broadcast": 0,  "draw": 0,  "stay\_time": 3,  "animation\_frame\_num": 1,  "desc": "宠物会扔个爆竹出去",  "rule": "",  "rights": "",  "privilege\_required": 0,  "count\_map": [  {  "num": 1,  "text": "",  "desc": "",  "web\_svga": "",  "vertical\_svga": "",  "horizontal\_svga": "",  "special\_color": "",  "effect\_id": 0  },  {  "num": 10,  "text": "",  "desc": "",  "web\_svga": "",  "vertical\_svga": "",  "horizontal\_svga": "",  "special\_color": "",  "effect\_id": 0  },  {  "num": 100,  "text": "",  "desc": "",  "web\_svga": "",  "vertical\_svga": "",  "horizontal\_svga": "",  "special\_color": "",  "effect\_id": 0  },  {  "num": 520,  "text": "",  "desc": "",  "web\_svga": "",  "vertical\_svga": "",  "horizontal\_svga": "",  "special\_color": "",  "effect\_id": 0  }  ],  "img\_basic": "https://s1.hdslb.com/bfs/live/2752ebc099ee9eba484ce86b77f51f9caa8de066.png",  "img\_dynamic": "https://i0.hdslb.com/bfs/live/2752ebc099ee9eba484ce86b77f51f9caa8de066.png",  "frame\_animation": "https://i0.hdslb.com/bfs/live/2752ebc099ee9eba484ce86b77f51f9caa8de066.png",  "gif": "https://i0.hdslb.com/bfs/live/d2243e9823707b444460f705a77cb1259780defd.gif",  "webp": "https://i0.hdslb.com/bfs/live/1a933a6bb330530ec6c47174ed76e18f23fdb3d4.webp",  "full\_sc\_web": "",  "full\_sc\_horizontal": "",  "full\_sc\_vertical": "",  "full\_sc\_horizontal\_svga": 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"玩法",  "corner\_background": "",  "broadcast": 0,  "draw": 0,  "stay\_time": 3,  "animation\_frame\_num": 1,  "desc": "随机开出一个道具给宠物使用",  "rule": "",  "rights": "",  "privilege\_required": 0,  "count\_map": [  {  "num": 1,  "text": "",  "desc": "",  "web\_svga": "",  "vertical\_svga": "",  "horizontal\_svga": "",  "special\_color": "",  "effect\_id": 0  },  {  "num": 10,  "text": "",  "desc": "",  "web\_svga": "",  "vertical\_svga": "",  "horizontal\_svga": "",  "special\_color": "",  "effect\_id": 0  },  {  "num": 100,  "text": "",  "desc": "",  "web\_svga": "",  "vertical\_svga": "",  "horizontal\_svga": "",  "special\_color": "",  "effect\_id": 0  },  {  "num": 520,  "text": "",  "desc": "",  "web\_svga": "",  "vertical\_svga": "",  "horizontal\_svga": "",  "special\_color": "",  "effect\_id": 0  }  ],  "img\_basic": "https://s1.hdslb.com/bfs/open-live/33866e322c682bf36f263cebc76e6f5fb2467800.png",  "img\_dynamic": "https://i0.hdslb.com/bfs/open-live/33866e322c682bf36f263cebc76e6f5fb2467800.png",  "frame\_animation": "https://i0.hdslb.com/bfs/open-live/33866e322c682bf36f263cebc76e6f5fb2467800.png",  "gif": "https://i0.hdslb.com/bfs/open-live/b0eaccd5483012883b39373de49271944ea3cc4c.gif",  "webp": "https://i0.hdslb.com/bfs/open-live/b98e1a34941cf829f980e0297f54392d2af8f324.webp",  "full\_sc\_web": "",  "full\_sc\_horizontal": "",  "full\_sc\_vertical": "",  "full\_sc\_horizontal\_svga": "",  "full\_sc\_vertical\_svga": "",  "bullet\_head": "",  "bullet\_tail": "",  "limit\_interval": 0,  "bind\_ruid": 0,  "bind\_roomid": 0,  "gift\_type": 8,  "combo\_resources\_id": 0,  "max\_send\_limit": 5000,  "weight": 1,  "goods\_id": 168,  "has\_imaged\_gift": 0,  "left\_corner\_text": "",  "left\_corner\_background": "",  "gift\_banner": null,  "diy\_count\_map": 1,  "effect\_id": 0,  "first\_tips": "",  "gift\_attrs": [  0  ],  "corner\_mark\_color": "#FFFFFF",  "corner\_color\_bg": "#D16584",  "web\_light": {  "corner\_mark": "玩法",  "corner\_background": "",  "corner\_mark\_color": "#FFFFFF",  "corner\_color\_bg": "#FD94B2"  },  "web\_dark": {  "corner\_mark": "玩法",  "corner\_background": "",  "corner\_mark\_color": "#FFFFFF",  "corner\_color\_bg": "#B7687F"  }  },  "full\_sc\_effect": null,  "float\_sc\_effect": null,  "special\_type": 6,  "show": true  },  {  "gift\_id": 31570,  "config": {  "id": 31570,  "name": "倍速游泳圈",  "price": 500,  "type": 0,  "coin\_type": "gold",  "bag\_gift": 0,  "effect": 0,  "corner\_mark": "玩法",  "corner\_background": "",  "broadcast": 0,  "draw": 0,  "stay\_time": 3,  "animation\_frame\_num": 1,  "desc": "给宠物带上小黄鸭游泳圈，2分钟2倍基础修仙速度",  "rule": "",  "rights": "",  "privilege\_required": 0,  "count\_map": [  {  "num": 1,  "text": "",  "desc": "",  "web\_svga": "",  "vertical\_svga": "",  "horizontal\_svga": "",  "special\_color": "",  "effect\_id": 0  },  {  "num": 10,  "text": "",  "desc": "",  "web\_svga": "",  "vertical\_svga": "",  "horizontal\_svga": "",  "special\_color": "",  "effect\_id": 0  },  {  "num": 100,  "text": "",  "desc": "",  "web\_svga": "",  "vertical\_svga": "",  "horizontal\_svga": "",  "special\_color": "",  "effect\_id": 0  },  {  "num": 520,  "text": "",  "desc": "",  "web\_svga": "",  "vertical\_svga": "",  "horizontal\_svga": "",  "special\_color": "",  "effect\_id": 0  }  ],  "img\_basic": "https://s1.hdslb.com/bfs/open-live/745320df70e2e93ea37e0456a8d0b40d27a86c7a.png",  "img\_dynamic": "https://i0.hdslb.com/bfs/open-live/745320df70e2e93ea37e0456a8d0b40d27a86c7a.png",  "frame\_animation": "https://i0.hdslb.com/bfs/open-live/745320df70e2e93ea37e0456a8d0b40d27a86c7a.png",  "gif": "https://i0.hdslb.com/bfs/open-live/e4c670b5da3744132b3efa0ddb6c9a0b2c3a0393.gif",  "webp": "https://i0.hdslb.com/bfs/open-live/a1a56c0ba92ade2d1e32b26884840ba700d5635c.webp",  "full\_sc\_web": "",  "full\_sc\_horizontal": "",  "full\_sc\_vertical": "",  "full\_sc\_horizontal\_svga": "",  "full\_sc\_vertical\_svga": "",  "bullet\_head": "",  "bullet\_tail": "",  "limit\_interval": 0,  "bind\_ruid": 0,  "bind\_roomid": 0,  "gift\_type": 8,  "combo\_resources\_id": 0,  "max\_send\_limit": 5000,  "weight": 1,  "goods\_id": 168,  "has\_imaged\_gift": 0,  "left\_corner\_text": "",  "left\_corner\_background": "",  "gift\_banner": null,  "diy\_count\_map": 1,  "effect\_id": 0,  "first\_tips": "",  "gift\_attrs": [  0  ],  "corner\_mark\_color": "#FFFFFF",  "corner\_color\_bg": "#D16584",  "web\_light": {  "corner\_mark": "玩法",  "corner\_background": "",  "corner\_mark\_color": "#FFFFFF",  "corner\_color\_bg": "#FD94B2"  },  "web\_dark": {  "corner\_mark": "玩法",  "corner\_background": "",  "corner\_mark\_color": "#FFFFFF",  "corner\_color\_bg": "#B7687F"  }  },  "full\_sc\_effect": null,  "float\_sc\_effect": null,  "special\_type": 6,  "show": true  }  ],  "special\_type\_sort": [  12,  6,  14,  13,  13,  13,  13,  13,  13,  5,  7,  8,  9  ],  "action": 1,  "tab\_id": 11  }  } |

#### 编码：GIFT\_STAR\_PROCESS 礼物处理开始

| **字段名称** | **参数类型** | **说明** |
| --- | --- | --- |
| cmd | String | 命令类型：GIFT\_STAR\_PROCESS |
| **data** | **Object** | 数据体 |
| **data 数据体字段明细** | | |
| status | int | 状态 |
| tip | String | 提示信息 |

|  |
| --- |
| {  "cmd": "GIFT\_STAR\_PROCESS",  "data": {  "status": 1,  "tip": "这个好诶已点亮"  }  } |

#### 编码：GOTO\_BUY\_FLOW 去购买

待更新

#### 编码：GUARD\_ACHIEVEMENT\_ROOM 待更新

待更新

#### 编码：GUARD\_BUY 购买舰长（开通舰长）

| **字段名称** | **参数类型** | **说明** |
| --- | --- | --- |
| cmd | String | 命令类型：GUARD\_BUY |
| **data** | **Object** | 数据体 |
| **data 数据体字段明细** | | |
| uid | int | 观众用户UID |
| username | String | 观众用户名 |
| guard\_level | int | 舰长等级 |
| num | int | 数量 |
| price | int | 价格（金瓜子/厘） |
| gift\_id | int | 礼物标识ID |
| gift\_name | String | 礼物名称 |
| start\_time | int | 开始时间 |
| end\_time | int | 结束时间 |

|  |
| --- |
| {  "cmd": "GUARD\_BUY",  "data": {  "uid": 415315711,  "username": "乂三金",  "guard\_level": 3,  "num": 1,  "price": 198000,  "gift\_id": 10003,  "gift\_name": "舰长",  "start\_time": 1722499367,  "end\_time": 1722499367  }  } |

#### 编码：GUARD\_HONOR\_THOUSAND 守卫荣誉千舰

待更新

#### 编码：HOT\_BUY\_NUM 待更新

待更新

#### 编码：HOT\_RANK\_CHANGED 待更新

待更新

#### 编码：HOT\_RANK\_CHANGED\_V2待更新

待更新

#### 编码：HOT\_RANK\_SETTLEMENT 待更新

待更新

#### 编码：HOT\_RANK\_SETTLEMENT\_V2 待更新

待更新

#### 编码：HOT\_ROOM\_NOTIFY 热门直播间通知

| **字段名称** | **参数类型** | **说明** |
| --- | --- | --- |
| cmd | String | 命令类型：HOT\_ROOM\_NOTIFY |
| **data** | **Object** | 数据体 |
| **data 数据体字段明细** | | |
| threshold | int | 阀值 |
| ttl | int | 生存时间 |
| exit\_no\_refresh | int | 退出不刷新 |
| **random\_delay\_req\_v2** | **Object[]** | 随机延迟请求 |
| **random\_delay\_req\_v2 数据体字段明细** | | |
| path | String | 请求地址 |
| delay | int | 延迟时间（毫秒） |

|  |
| --- |
| {  "cmd": "HOT\_ROOM\_NOTIFY",  "data": {  "threshold": 10000,  "ttl": 300,  "exit\_no\_refresh": 1,  "random\_delay\_req\_v2": [  {  "path": "/live/getRoundPlayVideo",  "delay": 10  },  {  "path": "/xlive/web-room/v1/index/getOffLiveList",  "delay": 120000  }  ]  }  } |

#### 编码：INTERACTIVE\_USER 待更新

待更新

#### 编码：INTERACT\_WORD 直播间进场提示

| **字段名称** | **参数类型** | **说明** |
| --- | --- | --- |
| cmd | String | 命令类型：INTERACT\_WORD |
| **data** | **Object** | 数据体 |
| **data 数据体字段明细** | | |
| **contribution** | **Object** | 直播间贡献信息 |
| **contribution\_v2** | **Object** | 直播间贡献信息V2 |
| core\_user\_type | int | 待确认 |
| dmscore | int | 弹幕分 |
| **fans\_medal** | **Object** | 粉丝牌信息 |
| group\_medal | int | 待确认 |
| **identities** | **int[]** | 待确认 |
| is\_mystery | boolean | 待确认 |
| is\_spread | int | 待确认 |
| msg\_type | int | 消息类型 |
| privilege\_type | int | 权限类型 |
| roomid | int | 直播间房间号ID |
| score | int | 待确认 |
| spread\_desc | String | 待确认 |
| spread\_info | String | 待确认 |
| tail\_icon | int | 待确认 |
| tail\_text | String | 待确认 |
| timestamp | int | 时间戳（10位） |
| trigger\_time | int | 触发时间（19位） |
| uid | int | 观众用户UID |
| **uinfo** | **Object** | 观众用户信息 |
| uname | String | 观众用户名 |
| uname\_color | String | 观众用户名颜色 |
| **contribution 数据体字段明细** | | |
| grade | int | 等级 |
| **contribution\_v2 数据体字段明细** | | |
| grade | int | 等级 |
| rank\_type | String | 排行榜类型 |
| text | String | 文本信息 |
| **fans\_medal 数据体字段明细** | | |
| anchor\_roomid | int | 待确认 |
| guard\_level | int | 待确认 |
| icon\_id | int | 待确认 |
| is\_lighted | int | 粉丝牌是否点亮 |
| medal\_color | int | 粉丝牌颜色 |
| medal\_color\_border | int | 粉丝牌边框颜色 |
| medal\_color\_end | int | 粉丝牌颜色结束 |
| medal\_color\_start | int | 粉丝牌颜色开始 |
| medal\_level | int | 粉丝牌等级 |
| medal\_name | String | 粉丝牌名称 |
| score | int | 评分 |
| special | String | 待确认 |
| target\_id | int | 粉丝牌所属主播UID |
| **uinfo 数据体字段明细** | | |
| **base** | **Object** | 观众用户基本信息 |
| guard | UN Known | 待确认 |
| guard\_leader | UN Known | 待确认 |
| **medal** | **Object** | 观众用户佩戴粉丝牌信息 |
| title | UN Known | 待确认 |
| uhead\_frame | UN Known | 待确认 |
| uid | int | 观众用户UID |
| **wealth** | **Object** | 观众用户财富信息 |
| **base 数据体字段明细** | | |
| face | String | 礼物连击用户头像地址 |
| is\_mystery | boolean | 待确认 |
| name | String | 礼物连击用户名 |
| name\_color | int | 礼物连击用户名颜色 |
| name\_color\_str | String | 礼物连击用户名颜色 |
| **official\_info** | **Object** | 礼物连击认证信息 |
| **origin\_info** | **Object** | 礼物连击用户名&用户头像信息 |
| **risk\_ctrl\_info** | **Object** | 待确认 |
| **official\_info 数据体字段明细** | | |
| desc | String | 描述 |
| role | int | 礼物连击用户角色 |
| title | String | 礼物连击用户头衔 |
| type | int | 类型 |
| **origin\_info 数据体字段明细** | | |
| face | String | 礼物连击用户头像地址 |
| name | String | 礼物连击用户名 |
| **risk\_ctrl\_info 数据体字段明细** | | |
| face | String | 礼物连击用户头像地址 |
| name | String | 礼物连击用户名 |
| **medal 数据体字段明细** | | |
| color | int | 粉丝牌颜色 |
| color\_border | int | 粉丝牌边框颜色 |
| color\_end | int | 粉丝牌颜色开始 |
| color\_start | int | 粉丝牌颜色结束 |
| guard\_icon | String | 待确认 |
| guard\_level | int | 待确认 |
| honor\_icon | String | 待确认 |
| id | int | 待确认 |
| is\_light | int | 粉丝牌点亮状态 |
| level | int | 粉丝牌等级 |
| name | String | 粉丝牌名称 |
| ruid | int | 粉丝牌所属主播UID |
| score | int | 粉丝牌分值 |
| typ | int | 待确认 |
| user\_receive\_count | int | 待确认 |
| v2\_medal\_color\_border | String | V2粉丝牌边框颜色 |
| v2\_medal\_color\_end | String | V2粉丝牌颜色结束 |
| v2\_medal\_color\_level | String | V2粉丝牌等级颜色 |
| v2\_medal\_color\_start | String | V2粉丝牌颜色开始 |
| v2\_medal\_color\_text | String | V2粉丝牌文本颜色 |
| **wealth 数据体字段明细** | | |
| dm\_icon\_key | String | 弹幕图标字典值 |
| level | int | 等级 |

|  |
| --- |
| {  "cmd": "INTERACT\_WORD",  "data": {  "contribution": {  "grade": 0  },  "contribution\_v2": {  "grade": 0,  "rank\_type": "",  "text": ""  },  "core\_user\_type": 0,  "dmscore": 10,  "fans\_medal": {  "anchor\_roomid": 24160384,  "guard\_level": 0,  "icon\_id": 0,  "is\_lighted": 0,  "medal\_color": 13081892,  "medal\_color\_border": 12632256,  "medal\_color\_end": 12632256,  "medal\_color\_start": 12632256,  "medal\_level": 18,  "medal\_name": "莲宝p",  "score": 250190,  "special": "",  "target\_id": 1629467333  },  "group\_medal": null,  "identities": [  1  ],  "is\_mystery": false,  "is\_spread": 0,  "msg\_type": 1,  "privilege\_type": 0,  "roomid": 24160384,  "score": 1722499332988,  "spread\_desc": "",  "spread\_info": "",  "tail\_icon": 0,  "tail\_text": "",  "timestamp": 1722499332,  "trigger\_time": 1722499331860188700,  "uid": 37887533,  "uinfo": {  "base": {  "face": "https://i2.hdslb.com/bfs/face/104cd9a00f286c07ca995b36d665d291a945651b.jpg",  "is\_mystery": false,  "name": "叫我阿段就好啦",  "name\_color": 0,  "name\_color\_str": "",  "official\_info": null,  "origin\_info": null,  "risk\_ctrl\_info": null  },  "guard": {  "expired\_str": "",  "level": 0  },  "guard\_leader": null,  "medal": {  "color": 13081892,  "color\_border": 12632256,  "color\_end": 12632256,  "color\_start": 12632256,  "guard\_icon": "",  "guard\_level": 0,  "honor\_icon": "",  "id": 609329,  "is\_light": 0,  "level": 18,  "name": "莲宝p",  "ruid": 1629467333,  "score": 250190,  "typ": 0,  "user\_receive\_count": 0,  "v2\_medal\_color\_border": "#919298CC",  "v2\_medal\_color\_end": "#919298CC",  "v2\_medal\_color\_level": "#6C6C7299",  "v2\_medal\_color\_start": "#919298CC",  "v2\_medal\_color\_text": "#FFFFFFFF"  },  "title": null,  "uhead\_frame": null,  "uid": 37887533,  "wealth": {  "dm\_icon\_key": "",  "level": 7  }  },  "uname": "叫我阿段就好啦",  "uname\_color": ""  }  } |

#### 编码：LIKE\_GUIDE\_USER 直播间用户点赞引导

| **字段名称** | **参数类型** | **说明** |
| --- | --- | --- |
| cmd | String | 命令类型：LIKE\_GUIDE\_USER |
| **data** | **Object** | 数据体 |
| **data 数据体字段明细** | | |
| show\_area | int | 展示区域 |
| like\_text | String | 点赞引导文本 |
| uid | int | 观众用户UID |
| **identities** | **int[]** | 身份 |
| msg\_type | int | 消息类型 |
| dmscore | int | 弹幕分值 |

|  |
| --- |
| {  "cmd": "LIKE\_GUIDE\_USER",  "data": {  "show\_area": 0,  "like\_text": "主播@你：点点赞支持一下我吧",  "uid": 17907117,  "identities": [  1  ],  "msg\_type": 6,  "dmscore": 20  }  } |

#### 编码：LIKE\_INFO\_V3\_CLICK 直播间用户点赞V3

| **字段名称** | **参数类型** | **说明** |
| --- | --- | --- |
| cmd | String | 命令类型：LIKE\_INFO\_V3\_CLICK |
| **data** | **Object** | 数据体 |
| **data 数据体字段明细** | | |
| **contribution\_info** | **Object** | 观众用户贡献信息 |
| dmscore | int | 弹幕分值 |
| **fans\_medal** | **Object** | 观众用户佩戴粉丝牌信息 |
| group\_medal | UN Known | 待确认 |
| **identities** | **int[]** | 身份 |
| is\_mystery | boolean | 待确认 |
| like\_icon | String | 点赞提示图标（路径） |
| like\_text | String | 点赞提示文本 |
| msg\_type | int | 消息类型 |
| show\_area | int | 显示区域 |
| uid | int | 观众用户UID |
| **uinfo** | **Object** | 观众用户信息 |
| uname | String | 观众用户名 |
| uname\_color | String | 观众用户名颜色 |
| **contribution\_info 数据体字段明细** | | |
| grade | int | 等级 |
| **fans\_medal 数据体字段明细** | | |
| anchor\_roomid | int | 待确认 |
| guard\_level | int | 待确认 |
| icon\_id | int | 待确认 |
| is\_lighted | int | 粉丝牌是否点亮 |
| medal\_color | int | 粉丝牌颜色 |
| medal\_color\_border | int | 粉丝牌边框颜色 |
| medal\_color\_end | int | 粉丝牌颜色结束 |
| medal\_color\_start | int | 粉丝牌颜色开始 |
| medal\_level | int | 粉丝牌等级 |
| medal\_name | String | 粉丝牌名称 |
| score | int | 评分 |
| special | String | 待确认 |
| target\_id | int | 粉丝牌所属主播UID |
| **uinfo 数据体字段明细** | | |
| **base** | **Object** | 观众用户基本信息 |
| guard | UN Known | 待确认 |
| guard\_leader | UN Known | 待确认 |
| **medal** | **Object** | 观众用户佩戴粉丝牌信息 |
| title | UN Known | 待确认 |
| uhead\_frame | UN Known | 待确认 |
| uid | int | 观众用户UID |
| **wealth** | **Object** | 观众用户财富信息 |
| **base 数据体字段明细** | | |
| face | String | 观众用户用户头像地址 |
| is\_mystery | boolean | 待确认 |
| name | String | 观众用户名 |
| name\_color | int | 观众用户名颜色 |
| name\_color\_str | String | 观众用户名颜色 |
| **official\_info** | **Object** | 观众用户认证信息 |
| **origin\_info** | **Object** | 观众用户名&用户头像信息 |
| **risk\_ctrl\_info** | **Object** | 待确认 |
| **official\_info 数据体字段明细** | | |
| desc | String | 描述 |
| role | int | 观众用户角色 |
| title | String | 观众用户头衔 |
| type | int | 类型 |
| **origin\_info 数据体字段明细** | | |
| face | String | 观众用户头像地址 |
| name | String | 观众用户名 |
| **risk\_ctrl\_info 数据体字段明细** | | |
| face | String | 观众用户头像地址 |
| name | String | 观众用户名 |
| **medal 数据体字段明细** | | |
| color | int | 粉丝牌颜色 |
| color\_border | int | 粉丝牌边框颜色 |
| color\_end | int | 粉丝牌颜色开始 |
| color\_start | int | 粉丝牌颜色结束 |
| guard\_icon | String | 待确认 |
| guard\_level | int | 待确认 |
| honor\_icon | String | 待确认 |
| id | int | 待确认 |
| is\_light | int | 粉丝牌点亮状态 |
| level | int | 粉丝牌等级 |
| name | String | 粉丝牌名称 |
| ruid | int | 粉丝牌所属主播UID |
| score | int | 粉丝牌分值 |
| typ | int | 待确认 |
| user\_receive\_count | int | 待确认 |
| v2\_medal\_color\_border | String | V2粉丝牌边框颜色 |
| v2\_medal\_color\_end | String | V2粉丝牌颜色结束 |
| v2\_medal\_color\_level | String | V2粉丝牌等级颜色 |
| v2\_medal\_color\_start | String | V2粉丝牌颜色开始 |
| v2\_medal\_color\_text | String | V2粉丝牌文本颜色 |
| **wealth 数据体字段明细** | | |
| dm\_icon\_key | String | 弹幕图标字典值 |
| level | int | 等级 |

|  |
| --- |
| {  "cmd": "LIKE\_INFO\_V3\_CLICK",  "data": {  "contribution\_info": {  "grade": 0  },  "dmscore": 20,  "fans\_medal": {  "anchor\_roomid": 0,  "guard\_level": 0,  "icon\_id": 0,  "is\_lighted": 0,  "medal\_color": 12478086,  "medal\_color\_border": 12632256,  "medal\_color\_end": 12632256,  "medal\_color\_start": 12632256,  "medal\_level": 16,  "medal\_name": "莲宝p",  "score": 121210,  "special": "",  "target\_id": 1629467333  },  "group\_medal": null,  "identities": [  1  ],  "is\_mystery": false,  "like\_icon": "https://i0.hdslb.com/bfs/live/23678e3d90402bea6a65251b3e728044c21b1f0f.png",  "like\_text": "为主播点赞了",  "msg\_type": 6,  "show\_area": 0,  "uid": 475503878,  "uinfo": {  "base": {  "face": "https://i2.hdslb.com/bfs/face/9f6502fb3ca343f47039d0e4b3ef2205ae5afd32.jpg",  "is\_mystery": false,  "name": "kaoshangxiada",  "name\_color": 0,  "name\_color\_str": "",  "official\_info": {  "desc": "",  "role": 0,  "title": "",  "type": -1  },  "origin\_info": {  "face": "https://i2.hdslb.com/bfs/face/9f6502fb3ca343f47039d0e4b3ef2205ae5afd32.jpg",  "name": "kaoshangxiada"  },  "risk\_ctrl\_info": null  },  "guard": {  "expired\_str": "",  "level": 0  },  "guard\_leader": null,  "medal": {  "color": 12478086,  "color\_border": 12632256,  "color\_end": 12632256,  "color\_start": 12632256,  "guard\_icon": "",  "guard\_level": 0,  "honor\_icon": "",  "id": 0,  "is\_light": 0,  "level": 16,  "name": "莲宝p",  "ruid": 1629467333,  "score": 121210,  "typ": 0,  "user\_receive\_count": 0,  "v2\_medal\_color\_border": "#919298CC",  "v2\_medal\_color\_end": "#919298CC",  "v2\_medal\_color\_level": "#6C6C7299",  "v2\_medal\_color\_start": "#919298CC",  "v2\_medal\_color\_text": "#FFFFFFFF"  },  "title": null,  "uhead\_frame": null,  "uid": 475503878,  "wealth": null  },  "uname": "kaoshangxiada",  "uname\_color": ""  }  } |

#### 编码：LIKE\_INFO\_V3\_NOTICE 直播间用户点赞引导V3

| **字段名称** | **参数类型** | **说明** |
| --- | --- | --- |
| cmd | String | 命令类型：LIKE\_INFO\_V3\_NOTICE |
| **data** | **Object** | 数据体 |
| **data 数据体字段明细** | | |
| **terminals** | **int[]** | 终端 |
| **danmaku\_style** | **Object** |  |
| **content\_segments** | **Object[]** |  |
| **danmaku\_style 数据体字段明细** | | |
| background\_color | UN Known | 待确认 |
| **content\_segments[n] 数据体字段明细** | | |
| type | int | 类型 |
| font\_color | String | 字体颜色 |
| text | String | 点赞引导文本 |

|  |
| --- |
| {  "cmd": "LIKE\_INFO\_V3\_NOTICE",  "data": {  "terminals": [  1,  4  ],  "danmaku\_style": {  "background\_color": null  },  "content\_segments": [  {  "type": 1,  "font\_color": "#F494AF",  "text": "试试双击点赞，让主播被更多人看到吧～"  }  ]  }  } |

#### 编码：LIKE\_INFO\_V3\_UPDATE 直播间点赞数更新V3

| **字段名称** | **参数类型** | **说明** |
| --- | --- | --- |
| cmd | String | 命令类型：LIKE\_INFO\_V3\_UPDATE |
| **data** | **Object** | 数据体 |
| **data 数据体字段明细** | | |
| click\_count | int | 点赞数 |

|  |
| --- |
| {  "cmd": "LIKE\_INFO\_V3\_UPDATE",  "data": {  "click\_count": 82149  }  } |

#### 编码：LIKE\_SO\_HOT 待更新

待更新

#### 编码：LIVE 开播通知

| **字段名称** | **参数类型** | **说明** |
| --- | --- | --- |
| cmd | String | 命令类型：LIVE |
| live\_key | int | 直播键值 |
| voice\_background | String | 背景音 |
| sub\_session\_key | String | 直播子会话键值 |
| live\_platform | String | 直播平台（PC） |
| live\_model | int | 直播模式 |
| roomid | int | 直播房间号ID |
| live\_time | int | 直播时间，时间戳（10位） |

|  |
| --- |
| {  "cmd": "LIVE",  "live\_key": "515939659490044032",  "voice\_background": "",  "sub\_session\_key": "515939659490044032sub\_time:1722583634",  "live\_platform": "pc",  "live\_model": 0,  "roomid": 24160384,  "live\_time": 1722583634  } |

#### 编码：LIVE\_ANI\_RES\_UPDATE 直播动态资源更新

| **字段名称** | **参数类型** | **说明** |
| --- | --- | --- |
| cmd | String | 命令类型：LIVE\_ANI\_RES\_UPDATE |
| **data** | **Object** | 数据体 |
| **data 数据体字段明细** | | |
| **list** | **Object[]** | 更新资源列表 |
| **list[n] 数据体字段明细** | | |
| id | int | 标识ID |
| type | int | 类型 |
| weight | int | 权重 |
| web\_mp4\_json | String | 页面MP4视频信息 |
| web\_svga | String | 待确认 |
| horizontal\_svga | String | 待确认 |
| vertical\_svga | String | 待确认 |
| web\_mp4 | String | 页面MP4视频（路径） |
| horizontal\_mp4 | String | 页面横版MP4视频（路径） |
| vertical\_mp4 | String | 页面竖版MP4视频（路径） |
| horizontal\_mp4\_md5 | String | 页面横版MP4视频（MD5值） |
| vertical\_mp4\_md5 | String | 页面竖版MP4视频（MD5值） |
| web\_mp4\_md5 | String | 页面MP4视频（MD5值） |
| horizontal\_mp4\_crc32 | int | 页面横版MP4视频（CRC32值） |
| vertical\_mp4\_crc32 | int | 页面竖版MP4视频（CRC32值） |
| web\_mp4\_crc32 | int | 页面MP4视频（CRC32值） |
| horizontal\_mp4\_file\_size | int | 页面横版MP4视频（大小） |
| vertical\_mp4\_file\_size | int | 页面竖版MP4视频（大小） |
| web\_mp4\_file\_size | int | 页面MP4视频（大小） |
| **h265\_conf** | **Object** | h265配置 |
| **plan\_platform** | **int[]** | 计划平台 |
| broadcast\_scope | int | 广播范围 |
| **bind\_giftids** | **int[]** | 绑定礼物列表 |
| title | int | 标题 |
| online\_time | int | 上线时间，时间戳（10位） |
| offline\_time | int | 下线时间 |
| ctime | int | 创建时间，时间戳（10位） |
| mtime | int | 修改时间，时间戳（10位） |
| **data 数据体字段明细** | | |
| **horizontal\_mp4** | **Object** | 横版视频信息 |
| **vertical\_mp4** | **Object** | 竖版视频信息 |
| **horizontal\_mp4 数据体字段明细** | | |
| mp4 | String | 视频（路径） |
| mp4\_md5 | String | 视频（MD5值） |
| mp4\_json | String | 视频信息 |
| mp4\_crc32 | int | 视频（CRC32值） |
| mp4\_file\_size | int | 视频（大小） |
| **vertical\_mp4 数据体字段明细** | | |
| mp4 | String | 视频（路径） |
| mp4\_md5 | String | 视频（MD5值） |
| mp4\_json | String | 视频信息 |
| mp4\_crc32 | int | 视频（CRC32值） |
| mp4\_file\_size | int | 视频（大小） |

|  |
| --- |
| {  "cmd": "LIVE\_ANI\_RES\_UPDATE",  "data": {  "list": [  {  "id": 1913,  "type": 1,  "weight": 1,  "web\_mp4\_json": "https://i0.hdslb.com/bfs/live/4198f2c8fe616c57d592a23b82e3d1712738e66a.json",  "web\_svga": "",  "horizontal\_svga": "",  "vertical\_svga": "",  "web\_mp4": "https://i0.hdslb.com/bfs/live/ae5e03fa705db22ff55102483a3217e750615c80.mp4",  "horizontal\_mp4": "https://i0.hdslb.com/bfs/live/ae5e03fa705db22ff55102483a3217e750615c80.mp4",  "vertical\_mp4": "https://i0.hdslb.com/bfs/live/ae5e03fa705db22ff55102483a3217e750615c80.mp4",  "horizontal\_mp4\_md5": "f1b09008cc2fc8e2556048e36c95fdc6",  "vertical\_mp4\_md5": "f1b09008cc2fc8e2556048e36c95fdc6",  "web\_mp4\_md5": "f1b09008cc2fc8e2556048e36c95fdc6",  "horizontal\_mp4\_crc32": 2761577025,  "vertical\_mp4\_crc32": 2761577025,  "web\_mp4\_crc32": 2761577025,  "horizontal\_mp4\_file\_size": 546918,  "vertical\_mp4\_file\_size": 546918,  "web\_mp4\_file\_size": 546918,  "h265\_conf": {  "horizontal\_mp4": {  "mp4": "https://i0.hdslb.com/bfs/live/785aaaf46e119a2414af09970765f8727253be25.mp4",  "mp4\_md5": "b599faab4957a3b34c82854b1491e3c6",  "mp4\_json": "",  "mp4\_crc32": 3418793513,  "mp4\_file\_size": 224635  },  "vertical\_mp4": {  "mp4": "https://i0.hdslb.com/bfs/live/785aaaf46e119a2414af09970765f8727253be25.mp4",  "mp4\_md5": "b599faab4957a3b34c82854b1491e3c6",  "mp4\_json": "",  "mp4\_crc32": 3418793513,  "mp4\_file\_size": 224635  }  },  "plan\_platform": [  1,  2  ],  "broadcast\_scope": 1,  "bind\_giftids": [  34684  ],  "title": "花的告白test",  "online\_time": 1733833259,  "offline\_time": 0,  "ctime": 1733833261,  "mtime": 1733906510  }  ]  }  } |

#### 编码：LIVE\_INTERACTIVE\_GAME 待更新

待更新

#### 编码：LIVE\_INTERACT\_GAME\_STATE\_CHANGE 直播互动游戏舞台更新

| **字段名称** | **参数类型** | **说明** |
| --- | --- | --- |
| cmd | String | 命令类型：LIVE\_INTERACT\_GAME\_STATE\_CHANGE |
| **data** | **Object** | 数据体 |
| recv\_time | String | 接收时间（年-月-日 时:分:秒） |
| **data 数据体字段明细** | | |
| game\_name | String | 游戏名称 |
| game\_id | String | 游戏标识ID |
| action | int | 待确认 |

|  |
| --- |
| {  "cmd": "LIVE\_INTERACT\_GAME\_STATE\_CHANGE",  "data": {  "game\_name": "弹幕宠物互动玩法",  "game\_id": "7727eadd-0663-45d1-986e-b0f583c27105",  "action": 1  },  "recv\_time": "2024-08-06 15:37:06"  } |

#### 编码：LIVE\_MULTI\_VIEW\_NEW\_INFO 更多解说信息

| **字段名称** | **参数类型** | **说明** |
| --- | --- | --- |
| cmd | String | 命令类型：LIVE\_MULTI\_VIEW\_NEW\_INFO |
| **data** | **Object** | 数据体 |
| **data 数据体字段明细** | | |
| title |  |  |
| room\_id | int | 直播房间号ID |
| copy\_writing | String | 多主播视角提示信息 |
| bg\_image | String | 背景图（路径） |
| sub\_slt\_color | String | 弹幕指令颜色 |
| sub\_bg\_color | String | 弹幕背景颜色 |
| sub\_text\_color | String | 弹幕文本颜色 |
| view\_type | int | 视图类型 |
| **room\_list** | **Object[]** | 更多直播解说房间列表 |
| **relation\_view** | **Object[]** | 更多直播解说视图信息 |
| view\_pattern | int | 视图模式 |
| gather\_room\_list | UN Known | 待确认 |
| **room\_list[n] 数据体字段明细** | | |
| order\_id | int | 排序ID |
| room\_id | int | 直播房间号 |
| room\_name | String | 直播房间名 |
| live\_status | int | 直播状态 |
| jump\_url | String | 跳转链接（路径） |
| **relation\_view[n] 数据体字段明细** | | |
| order\_id | int | 排序ID |
| view\_type | int | 视图类型 |
| view\_id | int | 直播房间号 |
| view\_name | String | 直播主播名 |
| title | String | 直播房间名 |
| cover | String | 直播封面 |
| jump\_url | String | 跳转链接（路径） |
| switch | boolean | 待确认 |
| num | int | 直播观看人数 |
| watch\_icon | String | 观看图标（路径） |
| live\_status | int | 直播状态 |
| text\_small | String | 直播观看人数文本 |
| use\_view\_vt | boolean | 待确认 |
| anchor\_face | String | 待确认 |
| match\_live\_room | boolean | 待确认 |
| match\_info | UN Known | 待确认 |
| duration | int | 待确认 |
| up\_name | String | 待确认 |
| pub\_date | String | 待确认 |
| gather\_id | int | 待确认 |

|  |
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#### 编码：LIVE\_OPEN\_PLATFORM\_GAME 直播开放平台互通游戏开启

| **字段名称** | **参数类型** | **说明** |
| --- | --- | --- |
| cmd | String | 命令类型：LIVE\_OPEN\_PLATFORM\_GAME |
| **data** | **Object** | 数据体 |
| **data 数据体字段明细** | | |
| msg\_type | String | 消息类型 |
| msg\_sub\_type | String | 消息子类型 |
| game\_name | String | 游戏名称 |
| game\_code | String | 游戏编码 |
| game\_id | String | 游戏标识ID |
| game\_status | String | 游戏状态 |
| game\_msg | String | 游戏介绍信息（JSON文本） |
| game\_conf | String | 游戏配置信息 |
| interactive\_panel\_conf | String | 游戏互动面板配置（JSON文本） |
| timestamp | String | 时间戳（10位） |
| block\_uids | int[] | 黑名单用户UID |

|  |
| --- |
| {  "cmd": "LIVE\_OPEN\_PLATFORM\_GAME",  "data": {  "msg\_type": "game\_start",  "msg\_sub\_type": "game\_start",  "game\_name": "弹幕宠物",  "game\_code": "1656845582759",  "game\_id": "7727eadd-0663-45d1-986e-b0f583c27105",  "game\_status": "",  "game\_msg": "{\"play\_name\":\"弹幕宠物\",\"play\_instructions\":\"弹幕宠物功能\\n每条弹幕只能一条指令。\\n指令：左、右、前、后，加上数字0到20，表示移动距离，比如：左9\\n跳、嗨起来、小拳拳、来一脚、躺下、坐下，趴下、瞧一瞧、飞踢、亲亲、飞吻、切换模型\\n发送”查询”金币和可用皮肤，数据可能有延迟，金币来自弹幕宠物定制礼物消费。当前可以购买的皮肤是”孙悟空”，“火龙”，发送”购买孙悟空”\\n赠送幸运气球，可以使用气球到处飘动。赠送越多就显示越多气球，最多显示三十个\\n还增加专有指令：上、下，主播双击气球可以点爆气球\\n如果赠送了盲盒道具，可以发送”嘿哈”使用该道具\\n模型卡住抖动，发送弹幕”重置”来恢复\\n如果主播开启了修仙模式，发送弹幕“打坐”或者“修仙”可以提高修炼速度，如果提示可突破，发送弹幕“突破”，尝试突破和升级\",\"dm\_command\":[{\"dm\_text\":\"前\",\"dm\_key\":\"前\",\"dm\_effect\":\"宠物移动，弹幕后面可加数字控制距离\"},{\"dm\_text\":\"后\",\"dm\_key\":\"后\",\"dm\_effect\":\"宠物移动，弹幕后面可加数字控制距离\"},{\"dm\_text\":\"左\",\"dm\_key\":\"左\",\"dm\_effect\":\"宠物移动，弹幕后面可加数字控制距离\"},{\"dm\_text\":\"右\",\"dm\_key\":\"右\",\"dm\_effect\":\"宠物移动，弹幕后面可加数字控制距离\"},{\"dm\_text\":\"修炼\",\"dm\_key\":\"修炼\",\"dm\_effect\":\"宠物打坐修炼，加速升级\"},{\"dm\_text\":\"小拳拳\",\"dm\_key\":\"小拳拳\",\"dm\_effect\":\"宠物小拳拳\"},{\"dm\_text\":\"来一脚\",\"dm\_key\":\"来一脚\",\"dm\_effect\":\"宠物踢一脚\"},{\"dm\_text\":\"飞踢\",\"dm\_key\":\"飞踢\",\"dm\_effect\":\"宠物飞踢\"},{\"dm\_text\":\"嗨起来\",\"dm\_key\":\"嗨起来\",\"dm\_effect\":\"宠物跳舞，弹幕后面可加数字切换舞蹈\"},{\"dm\_text\":\"使用道具\",\"dm\_key\":\"嘿哈\",\"dm\_effect\":\"如果赠送了盲盒道具，可使用盲盒道具\"},{\"dm\_text\":\"坐下\",\"dm\_key\":\"坐下\",\"dm\_effect\":\"宠物坐下\"},{\"dm\_text\":\"躺下\",\"dm\_key\":\"躺下\",\"dm\_effect\":\"宠物躺下\"},{\"dm\_text\":\"趴下\",\"dm\_key\":\"趴下\",\"dm\_effect\":\"宠物趴下\"},{\"dm\_text\":\"重置\",\"dm\_key\":\"重置\",\"dm\_effect\":\"重置位置\"},{\"dm\_text\":\"突破\",\"dm\_key\":\"突破\",\"dm\_effect\":\"突破\"}],\"gift\_command\":[{\"gift\_id\":31570,\"gift\_desc\":\"给宠物带上小黄鸭游泳圈，2分钟2倍基础修仙速度\",\"gift\_name\":\"倍速游泳圈\",\"gift\_icon\":\"http://i0.hdslb.com/bfs/open-live/745320df70e2e93ea37e0456a8d0b40d27a86c7a.png\",\"gift\_price\_gold\":500,\"gift\_price\_cell\":5,\"diy\_count\_map\":1,\"max\_send\_limit\":520,\"batch\_map\":[10,100,520]},{\"gift\_id\":31569,\"gift\_desc\":\"宠物会扔个爆竹出去\",\"gift\_name\":\"喜庆爆竹\",\"gift\_icon\":\"https://i0.hdslb.com/bfs/live/2752ebc099ee9eba484ce86b77f51f9caa8de066.png\",\"gift\_price\_gold\":100,\"gift\_price\_cell\":1,\"diy\_count\_map\":1,\"max\_send\_limit\":520,\"batch\_map\":[10,100,520]},{\"gift\_id\":31482,\"gift\_desc\":\"弹幕宠物将使用气球飘出来\",\"gift\_name\":\"幸运气球\",\"gift\_icon\":\"https://i0.hdslb.com/bfs/live/272dc91179fbb474470bc43058e0a11f68edc4e0.png\",\"gift\_price\_gold\":1000,\"gift\_price\_cell\":10,\"diy\_count\_map\":1,\"max\_send\_limit\":520,\"batch\_map\":[10,100,520]},{\"gift\_id\":31646,\"gift\_desc\":\"随机开出一个道具给宠物使用\",\"gift\_name\":\"盲盒道具\",\"gift\_icon\":\"http://i0.hdslb.com/bfs/open-live/33866e322c682bf36f263cebc76e6f5fb2467800.png\",\"gift\_price\_gold\":1000,\"gift\_price\_cell\":10,\"diy\_count\_map\":1,\"max\_send\_limit\":520,\"batch\_map\":[10,100,520]}],\"enable\_custom\_status\":1}",  "game\_conf": "",  "interactive\_panel\_conf": "{\"dragHeight\":50,\"dragPosition\":[225,0],\"dragWidth\":100,\"dragable\":true,\"general\_panel\":true,\"iframeHeight\":316,\"iframeWidth\":375,\"mode\":\"absolute\",\"padding\":30,\"position\":\"RightBottom\",\"url\":\"//live.bilibili.com/blackboard/activity-rjZIC2Uwy6.html\",\"zoomPosition\":[345,0],\"zoomable\":true,\"zoompic\":[\"//i0.hdslb.com/bfs/activity-plat/static/20220526/faba1267af4f618319b80230b8d343e5/g6U9fafjS2.png\",\"//i0.hdslb.com/bfs/activity-plat/static/20220527/faba1267af4f618319b80230b8d343e5/RB5aUlBmxM.png\"]}",  "timestamp": 1722929826,  "block\_uids": []  }  } |

#### 编码：LIVE\_PANEL\_CHANGE\_CONTENT 直播面板内容更新

| **字段名称** | **参数类型** | **说明** |
| --- | --- | --- |
| cmd | String | 命令类型：LIVE\_PANEL\_CHANGE\_CONTENT |
| **data** | **Object** | 数据体 |
| **data 数据体字段明细** | | |
| **setting\_list** | **Object[]** | 配置功能列表 |
| **interaction\_list** | **Object[]** | 互动功能列表 |
| **outer\_list** | **Object[]** | 外部功能列表 |
| panel\_data | UN Known | 待确认 |
| is\_fixed | int | 是否修复 |
| is\_match | int | 是否匹配 |
| match\_cristina | String | 待确认 |
| match\_icon | String | 匹配图标（路径） |
| match\_bg\_image | String | 匹配背景图片（路径） |

|  |
| --- |
| {  "cmd": "LIVE\_PANEL\_CHANGE\_CONTENT",  "data": {  "setting\_list": [  {  "biz\_id": 1001,  "icon": "http://i0.hdslb.com/bfs/live/afd5bc2424ebf7c7c9c68d71ba5a1f7d08154519.png",  "title": "分享",  "note": "分享",  "weight": 100,  "status\_type": 1,  "notification": null,  "custom": null,  "jump\_url": "",  "type\_id": 1,  "tab": null,  "dynamic\_icon": "",  "sub\_icon": "",  "panel\_icon": "https://i0.hdslb.com/bfs/live/98e692836d408ab7f2b321c717e866a8fd9b3bfd.png",  "match\_entrance": 0,  "icon\_info": null  },  {  "biz\_id": 1012,  "icon": "http://i0.hdslb.com/bfs/live/1e3cb35056ebbcc1af5f08f4fe7916f095db26a5.png",  "title": "管理员",  "note": "管理员",  "weight": 36,  "status\_type": 1,  "notification": null,  "custom": null,  "jump\_url": "https://live.bilibili.com/p/html/live-app-room-admin/index.html?is\_live\_half\_webview=1#/roomManagement",  "type\_id": 1,  "tab": null,  "dynamic\_icon": "",  "sub\_icon": "",  "panel\_icon": 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"icon\_info": null  },  {  "biz\_id": 1004,  "icon": "http://i0.hdslb.com/bfs/live/1a1b3b9819f78df76f66b3657a6be2cc0e9b8853.png",  "title": "弹幕设置",  "note": "弹幕设置",  "weight": 8,  "status\_type": 1,  "notification": null,  "custom": null,  "jump\_url": "",  "type\_id": 1,  "tab": null,  "dynamic\_icon": "",  "sub\_icon": "",  "panel\_icon": "https://i0.hdslb.com/bfs/live/98e692836d408ab7f2b321c717e866a8fd9b3bfd.png",  "match\_entrance": 0,  "icon\_info": null  },  {  "biz\_id": 1002,  "icon": "http://i0.hdslb.com/bfs/live/1b19309441c997d8e9a19ddb939ff6dda2a04a64.png",  "title": "画质",  "note": "画质",  "weight": 7,  "status\_type": 1,  "notification": null,  "custom": null,  "jump\_url": "",  "type\_id": 1,  "tab": null,  "dynamic\_icon": "",  "sub\_icon": "",  "panel\_icon": "https://i0.hdslb.com/bfs/live/98e692836d408ab7f2b321c717e866a8fd9b3bfd.png",  "match\_entrance": 0,  "icon\_info": null  },  {  "biz\_id": 1005,  "icon": 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"weight": 5,  "status\_type": 1,  "notification": null,  "custom": null,  "jump\_url": "",  "type\_id": 1,  "tab": null,  "dynamic\_icon": "",  "sub\_icon": "",  "panel\_icon": "https://i0.hdslb.com/bfs/live/98e692836d408ab7f2b321c717e866a8fd9b3bfd.png",  "match\_entrance": 0,  "icon\_info": null  },  {  "biz\_id": 1009,  "icon": "http://i0.hdslb.com/bfs/live/8e41f28e574952208fe73d09d464c8b369a1a4e9.png",  "title": "反馈",  "note": "反馈",  "weight": 4,  "status\_type": 1,  "notification": null,  "custom": null,  "jump\_url": "",  "type\_id": 1,  "tab": null,  "dynamic\_icon": "",  "sub\_icon": "",  "panel\_icon": "https://i0.hdslb.com/bfs/live/98e692836d408ab7f2b321c717e866a8fd9b3bfd.png",  "match\_entrance": 0,  "icon\_info": null  },  {  "biz\_id": 1013,  "icon": "https://i0.hdslb.com/bfs/live/856061fa98257d996a34850ef4f7a052af6fb3a3.png",  "title": "清屏",  "note": "清屏",  "weight": 3,  "status\_type": 1,  "notification": null,  "custom": null,  "jump\_url": "",  "type\_id": 1,  "tab": 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"https://i0.hdslb.com/bfs/live/98e692836d408ab7f2b321c717e866a8fd9b3bfd.png",  "match\_entrance": 0,  "icon\_info": null  }  ],  "outer\_list": [  {  "biz\_id": 33,  "icon": "https://i0.hdslb.com/bfs/live/a0e4a9381f9627d2ed89ab67d5ccce1bc1de7ea3.png",  "title": "购物车",  "note": "购物车",  "weight": 99,  "status\_type": 1,  "notification": null,  "custom": null,  "jump\_url": "",  "type\_id": 2,  "tab": null,  "dynamic\_icon": "",  "sub\_icon": "https://i0.hdslb.com/bfs/live/76b00ae4363ab572be565dbb62fd44d7c6c7d198.png",  "panel\_icon": "https://i0.hdslb.com/bfs/live/98e692836d408ab7f2b321c717e866a8fd9b3bfd.png",  "match\_entrance": 0,  "icon\_info": null  },  {  "biz\_id": 998,  "icon": "https://i0.hdslb.com/bfs/live/ec39c5ec3185f58608e4c143f2461726794403b0.png",  "title": "更多",  "note": "",  "weight": 98,  "status\_type": 1,  "notification": null,  "custom": null,  "jump\_url": "",  "type\_id": 2,  "tab": null,  "dynamic\_icon": "",  "sub\_icon": "",  "panel\_icon": 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"show\_guide\_bubble": "",  "global\_id": "319576855ef9a321f0931e7b76e9bb15",  "biz\_info": "hermes\_interact\_game"  },  "dynamic\_icon": "https://i0.hdslb.com/bfs/live/c5bf8382a97aca4dcf1dd47cf49708cef9d86f66.webp",  "sub\_icon": "https://i0.hdslb.com/bfs/activity-plat/static/20230809/b5e210ef68e55c042f407870de28894b/FooLxvkbqR.png",  "panel\_icon": "",  "match\_entrance": 0,  "icon\_info": null  },  {  "biz\_id": 30,  "icon": "https://s1.hdslb.com/bfs/live/a35788775f12a349d40928e09dc2d6266459cd48.png",  "title": "快捷送礼",  "note": "快捷送礼",  "weight": 97,  "status\_type": 1,  "notification": null,  "custom": [  {  "icon": "https://s1.hdslb.com/bfs/live/a35788775f12a349d40928e09dc2d6266459cd48.png",  "title": "",  "note": "{\"bubble\_text\":\"点击投喂一个%s，让主播感受到你的支持！\",\"desc\_text\":\"投喂一个%s支持主播~\",\"duration\":5,\"gift\_id\":34300}",  "jump\_url": "",  "status": 0,  "sub\_icon": "https://s1.hdslb.com/bfs/live/a35788775f12a349d40928e09dc2d6266459cd48.png"  }  ],  "jump\_url": "",  "type\_id": 2,  "tab": null,  "dynamic\_icon": "",  "sub\_icon": "https://s1.hdslb.com/bfs/live/a35788775f12a349d40928e09dc2d6266459cd48.png",  "panel\_icon": "https://i0.hdslb.com/bfs/live/98e692836d408ab7f2b321c717e866a8fd9b3bfd.png",  "match\_entrance": 0,  "icon\_info": null  },  {  "biz\_id": 16,  "icon": "https://i0.hdslb.com/bfs/live/024b6050b1cf11ed656a499f013ca14681a131c6.png",  "title": "表情包",  "note": "表情包",  "weight": 96,  "status\_type": 1,  "notification": null,  "custom": null,  "jump\_url": "",  "type\_id": 2,  "tab": null,  "dynamic\_icon": "",  "sub\_icon": "https://i0.hdslb.com/bfs/live/57b7d3953b5663931c59f7e889cef76950591f03.png",  "panel\_icon": "https://i0.hdslb.com/bfs/live/98e692836d408ab7f2b321c717e866a8fd9b3bfd.png",  "match\_entrance": 0,  "icon\_info": null  },  {  "biz\_id": 2,  "icon": " ",  "title": "语音连麦",  "note": " ",  "weight": 94,  "status\_type": 1,  "notification": null,  "custom": [  {  "icon": "https://i0.hdslb.com/bfs/live/e3a8c212bc493b88a33fe1853a16270e22d9a70b.png",  "title": "",  "note": "连麦功能关闭",  "jump\_url": "",  "status": 2,  "sub\_icon": "https://i0.hdslb.com/bfs/live/e429e283dbd9e25092a5a73b604527a646cbad32.png"  },  {  "icon": "https://i0.hdslb.com/bfs/live/b8cabd73def53d85bd092f4e8b3f9f6534ec2dc6.png",  "title": "",  "note": "连麦",  "jump\_url": "",  "status": 1,  "sub\_icon": "https://i0.hdslb.com/bfs/live/9500b71c99451040e96312a0f60f269f5c6f0100.png"  },  {  "icon": "https://i0.hdslb.com/bfs/live/c25451d846c5c36a56874626c6496743e6c8b726.webp",  "title": "",  "note": "等待中",  "jump\_url": "",  "status": 3,  "sub\_icon": "https://i0.hdslb.com/bfs/live/0a4e8a81ccc673d7985b6a3c9ecc88baaa0c1e35.webp"  },  {  "icon": "https://i0.hdslb.com/bfs/live/bcf5f48883ddbb96c8680bcc9ed2d4c11798e526.webp",  "title": "",  "note": "连麦中",  "jump\_url": "",  "status": 4,  "sub\_icon": "https://i0.hdslb.com/bfs/live/846230df75319bbe171db0e0d18ec5a8a80e514b.webp"  }  ],  "jump\_url": "",  "type\_id": 2,  "tab": null,  "dynamic\_icon": "",  "sub\_icon": "",  "panel\_icon": "https://i0.hdslb.com/bfs/live/98e692836d408ab7f2b321c717e866a8fd9b3bfd.png",  "match\_entrance": 0,  "icon\_info": null  },  {  "biz\_id": 997,  "icon": "https://i0.hdslb.com/bfs/live/273904e5c84d293f5f9df5ade5ac0fadc34e9fad.png",  "title": "送礼",  "note": "",  "weight": 93,  "status\_type": 1,  "notification": null,  "custom": null,  "jump\_url": "",  "type\_id": 2,  "tab": null,  "dynamic\_icon": "https://i0.hdslb.com/bfs/live/a812dfafd427714b3623a352618ca70fa0379c75.webp",  "sub\_icon": "https://i0.hdslb.com/bfs/live/b0b675140c28310a0ff54b05b2fd9a11a5898acf.png",  "panel\_icon": "https://i0.hdslb.com/bfs/live/98e692836d408ab7f2b321c717e866a8fd9b3bfd.png",  "match\_entrance": 0,  "icon\_info": null  }  ],  "panel\_data": null,  "is\_fixed": 0,  "is\_match": 0,  "match\_cristina": "",  "match\_icon": "",  "match\_bg\_image": ""  }  } |

#### 编码：LOG\_IN\_NOTICE 登录提示

| **字段名称** | **参数类型** | **说明** |
| --- | --- | --- |
| cmd | String | 命令类型：LOG\_IN\_NOTICE |
| **data** | **Object** | 数据体 |
| **data 数据体字段明细** | | |
| notice\_msg | String | 登录提示通知消息 |
| image\_web | String | 网页提示图片（路径） |
| image\_app | String | APP提示图片（路径） |

|  |
| --- |
| {  "cmd": "LOG\_IN\_NOTICE",  "data": {  "notice\_msg": "为保护用户隐私，未登录无法查看他人昵称",  "image\_web": "http://i0.hdslb.com/bfs/dm/75e7c16b99208df259fe0a93354fd3440cbab412.png",  "image\_app": "http://i0.hdslb.com/bfs/dm/b632f7dcd3acf47deffb5f9ccc9546ae97a3415b.png"  }  } |

#### 编码：LPL\_REALTIME\_STATUS\_CHANGED 待更新

待更新

#### 编码：NOTICE\_MSG 直播通知消息

|  |  |  |
| --- | --- | --- |
| cmd | String | 命令类型：NOTICE\_MSG |
| id | int | 通知消息标识ID |
| name | String | 通知名称 |
| **full** | **Object** | 整体信息 |
| **half** | **Object** | 一半信息 |
| **side** | **Object** | 边部信息 |
| roomid | int | 房间号（短ID） |
| real\_roomid | int | 真实房间号 |
| msg\_common | String | 公共消息 |
| msg\_self | String | 通知消息内容 |
| link\_url | String | 跳转链接（路径） |
| msg\_type | int | 消息类型 |
| shield\_uid | int | 待确认 |
| business\_id | String | 业务标识ID |
| **scatter** | **Object** | 散射 |
| marquee\_id | String | 选取框标识ID |
| notice\_type | int | 通知类型 |
| **full 数据体字段明细** | | |
| head\_icon | String | 通知消息头部图标（路径） |
| tail\_icon | String | 通知消息尾部图标（路径） |
| head\_icon\_fa | String | 通知消息头部大图标（路径） |
| tail\_icon\_fa | String | 通知消息尾部大图标（路径） |
| head\_icon\_fan | int | 通知消息头部粉丝图标（路径） |
| tail\_icon\_fan | int | 通知消息头部粉丝图标（路径） |
| background | String | 通知消息背景色 |
| color | String | 通知消息字体色 |
| highlight | String | 通知消息高亮色 |
| time | int | 待确认 |
| **half 数据体字段明细** | | |
| head\_icon | String | 通知消息头部图标（路径） |
| tail\_icon | String | 通知消息尾部图标（路径） |
| background | String | 通知消息背景色 |
| color | String | 通知消息字体色 |
| highlight | String | 通知消息高亮色 |
| time | int | 待确认 |
| **side 数据体字段明细** | | |
| head\_icon | String | 通知消息头部图标（路径） |
| background | String | 通知消息尾部图标（路径） |
| color | String | 通知消息背景色 |
| highlight | String | 通知消息字体色 |
| border | String | 通知消息高亮色 |
| **scatter 数据体字段明细** | | |
| min | int | 待确认 |
| max | int | 待确认 |

|  |
| --- |
| {  "cmd": "NOTICE\_MSG",  "id": 968,  "name": "舰长1个月",  "full": {  "head\_icon": "https://i0.hdslb.com/bfs/live/82665c9d263c8673f3f934e23d09c1d0f6bc8f50.png",  "tail\_icon": "",  "head\_icon\_fa": "https://i0.hdslb.com/bfs/live/82665c9d263c8673f3f934e23d09c1d0f6bc8f50.png",  "tail\_icon\_fa": "",  "head\_icon\_fan": 1,  "tail\_icon\_fan": 0,  "background": "#FFE2B2",  "color": "#B87436",  "highlight": "#E37921",  "time": 10  },  "half": {  "head\_icon": "",  "tail\_icon": "",  "background": "",  "color": "",  "highlight": "",  "time": 0  },  "side": {  "head\_icon": "https://i0.hdslb.com/bfs/live/82665c9d263c8673f3f934e23d09c1d0f6bc8f50.png",  "background": "#FFE9C8FF",  "color": "#EF903AFF",  "highlight": "#D54900FF",  "border": "#FFCFA4FF"  },  "roomid": 24160384,  "real\_roomid": 24160384,  "msg\_common": "",  "msg\_self": "<%乂三金%> 在主播 <%夜莲Annbbers%>的直播间开通了舰长，感谢上船陪伴",  "link\_url": "",  "msg\_type": 4,  "shield\_uid": -1,  "business\_id": "xuser-guard",  "scatter": {  "min": 0,  "max": 0  },  "marquee\_id": "",  "notice\_type": 0  } |

#### 编码：ONLINE\_RANK\_COUNT 在线排行榜统计

| **字段名称** | **参数类型** | **说明** |
| --- | --- | --- |
| cmd | String | 命令类型：ONLINE\_RANK\_COUNT |
| **data** | **Object** | 数据体 |
| **data 数据体字段明细** | | |
| count | int | 总计数 |
| count\_text | String | 总技术文本 |
| online\_count | int | 在线计数 |
| online\_count\_text | int | 在线计数文本 |

|  |
| --- |
| {  "cmd": "ONLINE\_RANK\_COUNT",  "data": {  "count": 24451,  "count\_text": "2万+",  "online\_count": 24423,  "online\_count\_text": "2万+"  }  } |

#### 编码：ONLINE\_RANK\_TOP3 在线排行榜前三

| **字段名称** | **参数类型** | **说明** |
| --- | --- | --- |
| cmd | String | 命令类型：ONLINE\_RANK\_TOP3 |
| **data** | **Object** | 数据体 |
| **data 数据体字段明细** | | |
| dmscore | int | 弹幕评分 |
| **list** | **Object[]** | 在线排行榜前三名单 |
| **list[n] 数据体字段明细** | | |
| is\_mystery | boolean | 待确认 |
| msg | int | 弹幕消息 |
| rank | int | 在线排行榜排名 |
| uid | int | 在线排行榜观众用户UID |

|  |
| --- |
| {  "cmd": "ONLINE\_RANK\_TOP3",  "data": {  "dmscore": 784,  "list": [  {  "is\_mystery": false,  "msg": "恭喜 <%鱼禾大猫%> 成为高能用户",  "rank": 2,  "uid": 1545227874  }  ]  }  } |

#### 编码：ONLINE\_RANK\_V2 在线排行榜V2

| **字段名称** | **参数类型** | **说明** |
| --- | --- | --- |
| cmd | String | 命令类型：ONLINE\_RANK\_V2 |
| **data** | **Object** | 数据体 |
| **data 数据体字段明细** | | |
| **list | online\_list** | **Object[]** | 在线排行榜排名 |
| rank\_type | String | 在线排行榜类型 |
| **list[n] 数据体字段明细** | | |
| uid | int | 观众用户UID |
| face | String | 观众用户头像地址 |
| score | String | 观众评分 |
| uname | String | 观众用户名 |
| rank | int | 观众用户排名 |
| guard\_level | int | 荣耀等级 |
| is\_mystery | boolean | 待确认 |
| **uinfo** | **Object** | 观众用户信息 |
| **uinfo 数据体字段明细** | | |
| uid | int | 观众用户UID |
| **base** | **Object** | 观众用户基本信息 |
| **medal** | **Object** | 观众用户佩戴粉丝牌信息 |
| **wealth** | **Object** | 观众用户财富信息 |
| title | UN Known | 待确认 |
| **guard** | **Object** | 观众用户荣耀信息 |
| uhead\_frame | UN Known | 待确认 |
| guard\_leader | UN Known | 待确认 |
| **base 数据体字段明细** | | |
| name | String | 观众用户名 |
| face | String | 观众用户用户头像地址 |
| name\_color | int | 观众用户名颜色 |
| is\_mystery | boolean | 待确认 |
| **risk\_ctrl\_info** | **Object** | 待确认 |
| **origin\_info** | **Object** | 观众用户名&用户头像信息 |
| **official\_info** | **Object** | 观众用户认证信息 |
| name\_color\_str | String | 观众用户名颜色 |
| **risk\_ctrl\_info 数据体字段明细** | | |
| face | String | 观众用户头像地址 |
| name | String | 观众用户名 |
| **origin\_info 数据体字段明细** | | |
| face | String | 观众用户头像地址 |
| name | String | 观众用户名 |
| **official\_info 数据体字段明细** | | |
| desc | String | 描述 |
| role | int | 观众用户角色 |
| title | String | 观众用户头衔 |
| type | int | 类型 |
| **medal 数据体字段明细** | | |
| color | int | 粉丝牌颜色 |
| color\_border | int | 粉丝牌边框颜色 |
| color\_end | int | 粉丝牌颜色开始 |
| color\_start | int | 粉丝牌颜色结束 |
| guard\_icon | String | 待确认 |
| guard\_level | int | 待确认 |
| honor\_icon | String | 待确认 |
| id | int | 待确认 |
| is\_light | int | 粉丝牌点亮状态 |
| level | int | 粉丝牌等级 |
| name | String | 粉丝牌名称 |
| ruid | int | 粉丝牌所属主播UID |
| score | int | 粉丝牌分值 |
| typ | int | 待确认 |
| user\_receive\_count | int | 待确认 |
| v2\_medal\_color\_border | String | V2粉丝牌边框颜色 |
| v2\_medal\_color\_end | String | V2粉丝牌颜色结束 |
| v2\_medal\_color\_level | String | V2粉丝牌等级颜色 |
| v2\_medal\_color\_start | String | V2粉丝牌颜色开始 |
| v2\_medal\_color\_text | String | V2粉丝牌文本颜色 |
| **wealth 数据体字段明细** | | |
| dm\_icon\_key | String | 弹幕图标字典值 |
| level | int | 等级 |
| **guard 数据体字段明细** | | |
| level | int | 荣耀等级 |
| expired\_str | String | 过期时间（年-月-日 时:分:秒） |

|  |
| --- |
| {  "cmd": "ONLINE\_RANK\_V2",  "data": {  "list": [  {  "uid": 37020620,  "face": "https://i2.hdslb.com/bfs/face/5d57e19a44060be20724b00fcabf9d9b9259590e.jpg",  "score": "1898",  "uname": "鲶亲人",  "rank": 1,  "guard\_level": 3,  "is\_mystery": false,  "uinfo": {  "uid": 37020620,  "base": {  "name": "鲶亲人",  "face": "https://i2.hdslb.com/bfs/face/5d57e19a44060be20724b00fcabf9d9b9259590e.jpg",  "name\_color": 0,  "is\_mystery": false,  "risk\_ctrl\_info": {  "name": "鲶亲人",  "face": "https://i2.hdslb.com/bfs/face/5d57e19a44060be20724b00fcabf9d9b9259590e.jpg"  },  "origin\_info": {  "name": "鲶亲人",  "face": "https://i2.hdslb.com/bfs/face/5d57e19a44060be20724b00fcabf9d9b9259590e.jpg"  },  "official\_info": {  "role": 0,  "title": "",  "desc": "",  "type": -1  },  "name\_color\_str": ""  },  "medal": null,  "wealth": null,  "title": null,  "guard": {  "level": 3,  "expired\_str": "2024-08-31 23:59:59"  },  "uhead\_frame": null,  "guard\_leader": null  }  },  {  "uid": 360361565,  "face": "https://i2.hdslb.com/bfs/face/831795ac6a4a34c031cbc1471315c190846bba34.webp",  "score": "1695",  "uname": "moonlightwhitebo",  "rank": 2,  "guard\_level": 3,  "is\_mystery": false,  "uinfo": {  "uid": 360361565,  "base": {  "name": "moonlightwhitebo",  "face": "https://i2.hdslb.com/bfs/face/831795ac6a4a34c031cbc1471315c190846bba34.webp",  "name\_color": 0,  "is\_mystery": false,  "risk\_ctrl\_info": {  "name": "moonlightwhitebo",  "face": "https://i2.hdslb.com/bfs/face/831795ac6a4a34c031cbc1471315c190846bba34.webp"  },  "origin\_info": {  "name": "moonlightwhitebo",  "face": "https://i2.hdslb.com/bfs/face/831795ac6a4a34c031cbc1471315c190846bba34.webp"  },  "official\_info": {  "role": 0,  "title": "",  "desc": "",  "type": -1  },  "name\_color\_str": ""  },  "medal": null,  "wealth": null,  "title": null,  "guard": {  "level": 3,  "expired\_str": "2024-08-31 23:59:59"  },  "uhead\_frame": null,  "guard\_leader": null  }  },  {  "uid": 1545227874,  "face": "https://i0.hdslb.com/bfs/face/f3f1c7a9302b597a3f7a8cdda959ed4f09b7d577.jpg",  "score": "1695",  "uname": "鱼禾大猫",  "rank": 3,  "guard\_level": 3,  "is\_mystery": false,  "uinfo": {  "uid": 1545227874,  "base": {  "name": "鱼禾大猫",  "face": "https://i0.hdslb.com/bfs/face/f3f1c7a9302b597a3f7a8cdda959ed4f09b7d577.jpg",  "name\_color": 0,  "is\_mystery": false,  "risk\_ctrl\_info": {  "name": "鱼禾大猫",  "face": "https://i0.hdslb.com/bfs/face/f3f1c7a9302b597a3f7a8cdda959ed4f09b7d577.jpg"  },  "origin\_info": {  "name": "鱼禾大猫",  "face": "https://i0.hdslb.com/bfs/face/f3f1c7a9302b597a3f7a8cdda959ed4f09b7d577.jpg"  },  "official\_info": {  "role": 0,  "title": "",  "desc": "",  "type": -1  },  "name\_color\_str": ""  },  "medal": null,  "wealth": null,  "title": null,  "guard": {  "level": 3,  "expired\_str": "2024-09-20 23:59:59"  },  "uhead\_frame": null,  "guard\_leader": null  }  },  {  "uid": 34561014,  "face": "https://i0.hdslb.com/bfs/face/cfa361c105695aec14aecac60f5bb2245e590cb5.jpg",  "score": "1694",  "uname": "巴把吧ba",  "rank": 4,  "guard\_level": 3,  "is\_mystery": false,  "uinfo": {  "uid": 34561014,  "base": {  "name": "巴把吧ba",  "face": "https://i0.hdslb.com/bfs/face/cfa361c105695aec14aecac60f5bb2245e590cb5.jpg",  "name\_color": 0,  "is\_mystery": false,  "risk\_ctrl\_info": {  "name": "巴把吧ba",  "face": "https://i0.hdslb.com/bfs/face/cfa361c105695aec14aecac60f5bb2245e590cb5.jpg"  },  "origin\_info": {  "name": "巴把吧ba",  "face": "https://i0.hdslb.com/bfs/face/cfa361c105695aec14aecac60f5bb2245e590cb5.jpg"  },  "official\_info": {  "role": 0,  "title": "",  "desc": "",  "type": -1  },  "name\_color\_str": ""  },  "medal": null,  "wealth": null,  "title": null,  "guard": {  "level": 3,  "expired\_str": "2024-08-31 23:59:59"  },  "uhead\_frame": null,  "guard\_leader": null  }  },  {  "uid": 4333213,  "face": "https://i1.hdslb.com/bfs/face/e9c1a9b906365258e9fcf3f3fce4aef837f51398.jpg",  "score": "1691",  "uname": "niioh",  "rank": 5,  "guard\_level": 3,  "is\_mystery": false,  "uinfo": {  "uid": 4333213,  "base": {  "name": "niioh",  "face": "https://i1.hdslb.com/bfs/face/e9c1a9b906365258e9fcf3f3fce4aef837f51398.jpg",  "name\_color": 0,  "is\_mystery": false,  "risk\_ctrl\_info": {  "name": "niioh",  "face": "https://i1.hdslb.com/bfs/face/e9c1a9b906365258e9fcf3f3fce4aef837f51398.jpg"  },  "origin\_info": {  "name": "niioh",  "face": "https://i1.hdslb.com/bfs/face/e9c1a9b906365258e9fcf3f3fce4aef837f51398.jpg"  },  "official\_info": {  "role": 0,  "title": "",  "desc": "",  "type": -1  },  "name\_color\_str": ""  },  "medal": null,  "wealth": null,  "title": null,  "guard": {  "level": 3,  "expired\_str": "2024-09-20 23:59:59"  },  "uhead\_frame": null,  "guard\_leader": null  }  },  {  "uid": 251023011,  "face": "https://i0.hdslb.com/bfs/face/36c90f806c57f6bc9b9175fa30309859540af3d6.jpg",  "score": "1690",  "uname": "彷彿借风声跟我话",  "rank": 6,  "guard\_level": 3,  "is\_mystery": false,  "uinfo": {  "uid": 251023011,  "base": {  "name": "彷彿借风声跟我话",  "face": "https://i0.hdslb.com/bfs/face/36c90f806c57f6bc9b9175fa30309859540af3d6.jpg",  "name\_color": 0,  "is\_mystery": false,  "risk\_ctrl\_info": {  "name": "彷彿借风声跟我话",  "face": "https://i0.hdslb.com/bfs/face/36c90f806c57f6bc9b9175fa30309859540af3d6.jpg"  },  "origin\_info": {  "name": "彷彿借风声跟我话",  "face": "https://i0.hdslb.com/bfs/face/36c90f806c57f6bc9b9175fa30309859540af3d6.jpg"  },  "official\_info": {  "role": 0,  "title": "",  "desc": "",  "type": -1  },  "name\_color\_str": ""  },  "medal": null,  "wealth": null,  "title": null,  "guard": {  "level": 3,  "expired\_str": "2024-09-14 23:59:59"  },  "uhead\_frame": null,  "guard\_leader": null  }  },  {  "uid": 20712449,  "face": "https://i2.hdslb.com/bfs/face/5db5599ebe9b9ab8c4905698b85f45afd4769676.jpg",  "score": "1680",  "uname": "Kiseuoo",  "rank": 7,  "guard\_level": 3,  "is\_mystery": false,  "uinfo": {  "uid": 20712449,  "base": {  "name": "Kiseuoo",  "face": "https://i2.hdslb.com/bfs/face/5db5599ebe9b9ab8c4905698b85f45afd4769676.jpg",  "name\_color": 0,  "is\_mystery": false,  "risk\_ctrl\_info": {  "name": "Kiseuoo",  "face": "https://i2.hdslb.com/bfs/face/5db5599ebe9b9ab8c4905698b85f45afd4769676.jpg"  },  "origin\_info": {  "name": "Kiseuoo",  "face": "https://i2.hdslb.com/bfs/face/5db5599ebe9b9ab8c4905698b85f45afd4769676.jpg"  },  "official\_info": {  "role": 0,  "title": "",  "desc": "",  "type": -1  },  "name\_color\_str": ""  },  "medal": null,  "wealth": null,  "title": null,  "guard": {  "level": 3,  "expired\_str": "2024-08-31 23:59:59"  },  "uhead\_frame": null,  "guard\_leader": null  }  }  ],  "rank\_type": "gold-rank"  }  } |

#### 编码：PANEL\_INTERACTIVE\_NOTIFY\_CHANGE 待更新

待更新

#### 编码：PK\_BATTLE\_END 战斗对决结束

| **字段名称** | **参数类型** | **说明** |
| --- | --- | --- |
| cmd | String | 命令类型：PK\_BATTLE\_END |
| **data** | **Object** | 数据体 |
| msg\_id | int | 消息标识ID |
| p\_is\_ack | boolean | 状态确认 |
| p\_msg\_type | int | 消息类型 |
| pk\_id | String | 战斗对决标识ID |
| pk\_status | int | 战斗对决状态 |
| roomid | String | 战斗对决直播房间号ID |
| send\_time | int | 发送时间，时间戳（13位） |
| timestamp | int | 时间戳（10位） |
| **data 数据体字段明细** | | |
| battle\_sub\_type | int | 战斗子类 |
| battle\_type | int | 战斗类型 |
| **dm\_conf** | **Object** | 弹幕配置 |
| **init\_info** | **Object** | 初始化信息（发起方/对战方） |
| **match\_info** | **Object** | 匹配信息（对战方/发起方） |
| show\_streak | boolean | 展示速度 |
| timer | int | 计时器 |
| **dm\_conf 数据体字段明细** | | |
| bg\_color | String | 弹幕背景颜色 |
| font\_color | String | 弹幕字体颜色 |
| **init\_info 数据体字段明细** | | |
| **assist\_info** | **Object[]** | 观众用户应援信息 |
| best\_uname | String | 最大贡献用户 |
| room\_id | int | 战斗对决直播房间号ID |
| votes | int | 票数 |
| winner\_type | int | 赢家类型 |
| **assist\_info[n] 数据体字段明细** | | |
| award\_content | String | 奖励内容 |
| face | String | 观众应援用户头像（路径） |
| is\_mystery | boolean | 待确认 |
| rank | String | 观众应援用户排名 |
| score | String | 观众应援分 |
| uid | String | 观众应援用户UID |
| **uinfo** | **Object** | 观众应援用户信息 |
| uname | String | 观众应援用户名 |
| **uinfo 数据体字段明细** | | |
| **base** | **Object** |  |
| **base 数据体字段明细** | | |
| award\_content | String | 奖励内容 |
| face | String | 应援用户头像（路径） |
| is\_mystery | boolean | 待确认 |
| **match\_info 数据体字段明细** | | |
| **assist\_info** | **Object[]** | 观众用户应援信息 |
| best\_uname | String | 最大贡献用户 |
| room\_id | int | 战斗对决直播房间号ID |
| votes | int | 票数 |
| winner\_type | int | 赢家类型 |

|  |
| --- |
| {  "cmd": "PK\_BATTLE\_END",  "data": {  "battle\_sub\_type": 0,  "battle\_type": 1,  "dm\_conf": {  "bg\_color": "#72C5E2",  "font\_color": "#FFE10B"  },  "init\_info": {  "assist\_info": [  {  "award\_content": "",  "face": "https://i1.hdslb.com/bfs/face/402323e3b034d55b42ddeac785f0fdcef5168a19.jpg",  "is\_mystery": false,  "rank": "1",  "score": "11170",  "uid": "490731637",  "uinfo": {  "base": {  "face": "https://i1.hdslb.com/bfs/face/402323e3b034d55b42ddeac785f0fdcef5168a19.jpg",  "is\_mystery": false,  "uname": "左道铁血脆鲨"  }  },  "uname": "左道铁血脆鲨"  },  {  "award\_content": "",  "face": "https://i2.hdslb.com/bfs/face/e5a6ab39a550e4953b64bdf93ac84f175d0b524b.jpg",  "is\_mystery": false,  "rank": "2",  "score": "2702",  "uid": "9110894",  "uinfo": {  "base": {  "face": "https://i2.hdslb.com/bfs/face/e5a6ab39a550e4953b64bdf93ac84f175d0b524b.jpg",  "is\_mystery": false,  "uname": "喜欢画画的鼬uu"  }  },  "uname": "喜欢画画的鼬uu"  },  {  "award\_content": "",  "face": "https://i1.hdslb.com/bfs/face/e9201f765fb353a60f415d8b2da824816ab57488.jpg",  "is\_mystery": false,  "rank": "3",  "score": "1460",  "uid": "7990069",  "uinfo": {  "base": {  "face": "https://i1.hdslb.com/bfs/face/e9201f765fb353a60f415d8b2da824816ab57488.jpg",  "is\_mystery": false,  "uname": "一碗培根蛋炒饭"  }  },  "uname": "一碗培根蛋炒饭"  }  ],  "best\_uname": "左道铁血脆鲨",  "room\_id": 24323935,  "votes": 16772,  "winner\_type": 3  },  "match\_info": {  "assist\_info": [],  "best\_uname": "",  "room\_id": 32084131,  "votes": 0,  "winner\_type": -1  },  "show\_streak": false,  "timer": 10  },  "msg\_id": "17529993017980416:1000:1000",  "p\_is\_ack": true,  "p\_msg\_type": 1,  "pk\_id": "353915775",  "pk\_status": 501,  "roomid": "24323935",  "send\_time": 1721989688216,  "timestamp": 1721989688  } |

#### 编码：PK\_BATTLE\_FINAL\_PROCESS 战斗对接最终处理

| **字段名称** | **参数类型** | **说明** |
| --- | --- | --- |
| cmd | String | 命令类型：PK\_BATTLE\_FINAL\_PROCESS |
| **data** | **Object** | 数据体 |
| msg\_id | int | 消息标识ID |
| p\_is\_ack | boolean | 状态确认 |
| p\_msg\_type | int | 消息类型 |
| pk\_id | int | 战斗对决标识ID |
| pk\_status | int | 战斗对决状态 |
| send\_time | int | 发送时间，时间戳（13位） |
| timestamp | int | 时间戳（10位） |
| **data 数据体字段明细** | | |
| battle\_sub\_type | int | 战斗子类 |
| battle\_type | int | 战斗类型 |
| pk\_frozen\_time | int | 对决冷冻时间，时间戳（10位） |

|  |
| --- |
| {  "cmd": "PK\_BATTLE\_FINAL\_PROCESS",  "data": {  "battle\_sub\_type": 0,  "battle\_type": 1,  "pk\_frozen\_time": 1721989806  },  "msg\_id": "17529960434515456:1000:1000",  "p\_is\_ack": true,  "p\_msg\_type": 1,  "pk\_id": 353915775,  "pk\_status": 301,  "send\_time": 1721989626068,  "timestamp": 1721989626  } |

#### 编码：PK\_BATTLE\_MULTIPLE\_AWARD 战斗对决加倍奖励

| **字段名称** | **参数类型** | **说明** |
| --- | --- | --- |
| cmd | String | 命令类型：PK\_BATTLE\_MULTIPLE\_AWARD |
| **data** | **Object** | 数据体 |
| **data 数据体字段明细** | | |
| pkid | int | 对决标识ID |
| pk\_status | int | 对决状态 |
| award\_room | int | 奖励房间号 |
| award\_no | int | 奖励编号 |
| award\_name | String | 奖励名称 |
| award\_value | int | 奖励值 |
| multiple\_time | int | 加倍奖励时间 |
| start\_time | int | 加倍奖励开始时间，时间戳（10位） |
| end\_time | int | 加倍奖励结束时间，时间戳（10位） |
| status | int | 状态 |

|  |
| --- |
| {  "cmd": "PK\_BATTLE\_MULTIPLE\_AWARD",  "data": {  "pkid": 353898817,  "pk\_status": 201,  "award\_room": 1883621428,  "award\_no": 3,  "award\_name": "2",  "award\_value": 200,  "multiple\_time": 40,  "start\_time": 1721974477,  "end\_time": 1721974517,  "status": 5  }  } |

#### 编码：PK\_BATTLE\_MULTIPLE\_BEGIN 战斗对决加倍开始

| **字段名称** | **参数类型** | **说明** |
| --- | --- | --- |
| cmd | String | 命令类型：PK\_BATTLE\_MULTIPLE\_BEGIN |
| **data** | **Object** | 数据体 |
| **data 数据体字段明细** | | |
| pkid | int | 对决标识ID |
| pk\_status | int | 对决状态 |
| target\_votes | int | 目标投票 |
| rule\_url | String | 规则说明（路径） |
| start\_time | int | 开始时间（0） |
| end\_time | int | 结束时间，时间戳（10位） |
| duration | int | 持续时间 |
| award\_name | String | 奖励名称 |
| guide\_str | String | 引导文本 |

|  |
| --- |
| {  "cmd": "PK\_BATTLE\_MULTIPLE\_BEGIN",  "data": {  "pkid": 353898817,  "pk\_status": 201,  "target\_votes": 500,  "rule\_url": "https://www.bilibili.com/blackboard/era/D3H4n4qCFWiVGkj7.html",  "start\_time": 0,  "end\_time": 1721974505,  "duration": 60,  "award\_name": "PK加倍卡",  "guide\_str": "PK值达500 抽<%PK值加倍卡%>"  }  } |

#### 编码：PK\_BATTLE\_MULTIPLE\_DRAW\_RES 战斗对决加倍绘制资源

| **字段名称** | **参数类型** | **说明** |
| --- | --- | --- |
| cmd | String | 命令类型：PK\_BATTLE\_MULTIPLE\_DRAW\_RES |
| **data** | **Object** | 数据体 |
| **data 数据体字段明细** | | |
| pkid | int | 对决标识ID |
| award\_room | int | 奖励房间号 |
| award\_no | int | 奖励编号 |
| award\_name | String | 奖励名称 |
| award\_value | int | 奖励值 |
| multiple\_time | int | 加倍奖励时间 |
| start\_time | int | 加倍奖励开始时间，时间戳（10位） |
| end\_time | int | 加倍奖励结束时间，时间戳（10位） |
| status | int | 状态 |

|  |
| --- |
| {  "cmd": "PK\_BATTLE\_MULTIPLE\_DRAW\_RES",  "data": {  "pkid": 353898817,  "award\_room": 26796998,  "award\_no": 2,  "award\_name": "1.5",  "award\_value": 150,  "multiple\_time": 60,  "start\_time": 1721974517,  "end\_time": 1721974577,  "status": 4  }  } |

#### 编码：PK\_BATTLE\_MULTIPLE\_RES 战斗对决加倍资源

| **字段名称** | **参数类型** | **说明** |
| --- | --- | --- |
| cmd | String | 命令类型：PK\_BATTLE\_MULTIPLE\_RES |
| **data** | **Object** | 数据体 |
| **data 数据体字段明细** | | |
| pkid | int | 对决标识ID |
| pk\_status | int | 战斗对决状态 |
| target\_votes | int | 目标投票 |
| cur\_votes | int | 当前投票 |
| award\_num | int | 奖励数 |
| lottery\_wait\_time | int | 抽奖等待时间 |
| start\_time | int | 抽奖开始时间，时间戳（10位） |
| end\_time | int | 抽奖结束时间，时间戳（10位） |
| room\_id | int | 战斗对决房间号ID |
| vote\_time | int | 投票时间 |

|  |
| --- |
| {  "cmd": "PK\_BATTLE\_MULTIPLE\_RES",  "data": {  "pkid": 353898817,  "pk\_status": 201,  "target\_votes": 500,  "cur\_votes": 800,  "award\_num": 3,  "lottery\_wait\_time": 15,  "start\_time": 1721974497,  "end\_time": 1721974512,  "room\_id": 26796998,  "vote\_time": 8  }  } |

#### 编码：PK\_BATTLE\_PRE 战斗对决预览

| **字段名称** | **参数类型** | **说明** |
| --- | --- | --- |
| cmd | String | 命令类型：PK\_BATTLE\_PRE |
| **data** | **Object** | 数据体 |
| msg\_id | int | 消息标识ID |
| p\_is\_ack | boolean | 状态确认 |
| p\_msg\_type | int | 消息类型 |
| pk\_id | String | 战斗对决标识ID |
| pk\_status | int | 战斗对决状态 |
| roomid | String | 战斗对决直播房间号ID |
| send\_time | int | 发送时间，时间戳（13位） |
| timestamp | int | 时间戳（10位） |
| **data 数据体字段明细** | | |
| battle\_sub\_type | int | 战斗子类 |
| battle\_type | String | 战斗类型 |
| end\_win\_task | UN Known | 待确认 |
| face | String | 战斗对决对手直播用户头像（路径） |
| match\_type | int | 匹配类型 |
| pk\_votes\_name | String | 对决投票名称 |
| pre\_timer | int | 预览时间 |
| room\_id | int | 战斗对决对手直播房间号ID |
| season\_id | int | 季节标识ID |
| uid | int | 战斗对决对手直播用户UID |
| uname | String | 战斗对决对手直播用户名 |

|  |
| --- |
| {  "cmd": "PK\_BATTLE\_PRE",  "data": {  "battle\_sub\_type": 0,  "battle\_type": 1,  "end\_win\_task": null,  "face": "https://i1.hdslb.com/bfs/face/3ed8d8c91995ac54da2e1e90535880b2a7ff7231.jpg",  "match\_type": 1,  "pk\_votes\_name": "PK值",  "pre\_timer": 10,  "room\_id": 27318169,  "season\_id": 75,  "uid": 595542571,  "uname": "纱月奈奈\_NaNa"  },  "msg\_id": "17529999990480896:1000:1000",  "p\_is\_ack": true,  "p\_msg\_type": 1,  "pk\_id": 353915967,  "pk\_status": 101,  "roomid": 24323935,  "send\_time": 1721989701515,  "timestamp": 1721989701  } |

#### 编码：PK\_BATTLE\_PRE\_NEW 战斗对决预览新

| **字段名称** | **参数类型** | **说明** |
| --- | --- | --- |
| cmd | String | 命令类型：PK\_BATTLE\_PRE\_NEW |
| pk\_status | int | 对决状态 |
| pk\_id | int | 对决标识ID |
| timestamp | int | 时间戳（10位） |
| **data** | **Object** | 数据体 |
| roomid | int | 战斗对决直播房间号ID |
| **data 数据体字段明细** | | |
| battle\_type | int | 战斗子类 |
| match\_type | int | 匹配类型 |
| battle\_sub\_type | int | 战斗子类 |
| uname | String | 战斗对决对手直播用户名 |
| face | String | 战斗对决对手直播用户头像（路径） |
| uid | int | 战斗对决对手直播用户UID |
| room\_id | int | 战斗对决对手直播房间号ID |
| season\_id | int | 季节标识ID |
| pre\_timer | int | 预览计数器 |
| pk\_votes\_name | String | 对决投票名称 |
| end\_win\_task | UN Known | 待确认 |

|  |
| --- |
| {  "cmd": "PK\_BATTLE\_PRE\_NEW",  "pk\_status": 101,  "pk\_id": 353915967,  "timestamp": 1721989701,  "data": {  "battle\_type": 1,  "match\_type": 1,  "battle\_sub\_type": 0,  "uname": "纱月奈奈\_NaNa",  "face": "https://i1.hdslb.com/bfs/face/3ed8d8c91995ac54da2e1e90535880b2a7ff7231.jpg",  "uid": 595542571,  "room\_id": 27318169,  "season\_id": 75,  "pre\_timer": 10,  "pk\_votes\_name": "PK值",  "end\_win\_task": null  },  "roomid": 24323935  } |

#### 编码：PK\_BATTLE\_PROCESS 战斗对决处理

| **字段名称** | **参数类型** | **说明** |
| --- | --- | --- |
| cmd | String | 命令类型：PK\_BATTLE\_PROCESS |
| **data** | **Object** | 数据体 |
| msg\_id | String | 消息标识ID |
| p\_is\_ack | boolean | 状态确认 |
| p\_msg\_type | int | 消息类型 |
| pk\_id | int | 对决标识ID |
| pk\_status | int | 对决状态 |
| send\_time | int | 发送时间（13位） |
| timestamp | int | 时间戳（10位） |
| **data 数据体字段明细** | | |
| battle\_type | int | 战斗类型 |
| **init\_info** | **Object** | 初始化信息（发起方/对战方） |
| **match\_info** | **Object** | 匹配信息（对战方/发起方） |
| trace\_id | String | 跟踪标识ID |
| **init\_info 数据体字段明细** | | |
| **assist\_info** | **Object[]** | 观众用户应援信息 |
| best\_uname | String | 最大贡献用户 |
| room\_id | int | 战斗对决直播房间号ID |
| votes | int | 票数 |
| winner\_type | int | 赢家类型 |
| **assist\_info[n] 数据体字段明细** | | |
| award\_content | String | 奖励内容 |
| face | String | 观众应援用户头像（路径） |
| is\_mystery | boolean | 待确认 |
| rank | int | 观众应援用户排名 |
| uid | int | 观众应援用户UID |
| **uinfo** | **Object** | 观众应援用户信息 |
| uname | String | 观众应援用户名 |
| **uinfo 数据体字段明细** | | |
| **base** | **Object** | 观众用户基本信息 |
| **guard** | **Object** | 观众用户荣耀信息 |
| guard\_leader | UN Known | 待确认 |
| **medal** | **Object** | 观众用户佩戴粉丝牌信息 |
| title | UN Known | 待确认 |
| uhead\_frame | UN Known | 待确认 |
| uid | int | 观众用户UID |
| **wealth** | **Object** | 观众用户财富信息 |
| **base 数据体字段明细** | | |
| face | String | 观众用户用户头像地址 |
| is\_mystery | boolean | 待确认 |
| name | String | 观众用户名 |
| name\_color | int | 观众用户名颜色 |
| name\_color\_str | String | 观众用户名颜色 |
| **official\_info** | **Object** | 观众用户认证信息 |
| **origin\_info** | **Object** | 观众用户名&用户头像信息 |
| **risk\_ctrl\_info** | **Object** | 待确认 |
| **official\_info 数据体字段明细** | | |
| desc | String | 描述 |
| role | int | 观众用户角色 |
| title | String | 观众用户头衔 |
| type | int | 类型 |
| **origin\_info 数据体字段明细** | | |
| face | String | 观众用户头像地址 |
| name | String | 观众用户名 |
| **risk\_ctrl\_info 数据体字段明细** | | |
| face | String | 观众用户头像地址 |
| name | String | 观众用户名 |
| **guard 数据体字段明细** | | |
| level | int | 荣耀等级 |
| expired\_str | String | 过期时间（年-月-日 时:分:秒） |
| **medal 数据体字段明细** | | |
| color | int | 粉丝牌颜色 |
| color\_border | int | 粉丝牌边框颜色 |
| color\_end | int | 粉丝牌颜色开始 |
| color\_start | int | 粉丝牌颜色结束 |
| guard\_icon | String | 待确认 |
| guard\_level | int | 待确认 |
| honor\_icon | String | 待确认 |
| id | int | 待确认 |
| is\_light | int | 粉丝牌点亮状态 |
| level | int | 粉丝牌等级 |
| name | String | 粉丝牌名称 |
| ruid | int | 粉丝牌所属主播UID |
| score | int | 粉丝牌分值 |
| typ | int | 待确认 |
| user\_receive\_count | int | 待确认 |
| v2\_medal\_color\_border | String | V2粉丝牌边框颜色 |
| v2\_medal\_color\_end | String | V2粉丝牌颜色结束 |
| v2\_medal\_color\_level | String | V2粉丝牌等级颜色 |
| v2\_medal\_color\_start | String | V2粉丝牌颜色开始 |
| v2\_medal\_color\_text | String | V2粉丝牌文本颜色 |
| **wealth 数据体字段明细** | | |
| dm\_icon\_key | String | 弹幕图标字典值 |
| level | int | 等级 |
| **match\_info 数据体字段明细** | | |
| **assist\_info** | **Object[]** | 观众用户应援信息 |
| best\_uname | String | 最大贡献用户 |
| room\_id | int | 战斗对决直播房间号ID |
| votes | int | 票数 |
| winner\_type | int | 赢家类型 |

|  |
| --- |
| {  "cmd": "PK\_BATTLE\_PROCESS",  "data": {  "battle\_type": 1,  "init\_info": {  "assist\_info": [  {  "award\_content": "",  "face": "https://i2.hdslb.com/bfs/face/6b2dc7993c530759da8a632064515f38302c7f56.jpg",  "is\_mystery": false,  "rank": 1,  "uid": 1184651828,  "uinfo": {  "base": {  "face": "https://i2.hdslb.com/bfs/face/6b2dc7993c530759da8a632064515f38302c7f56.jpg",  "is\_mystery": false,  "name": "暮中灵",  "name\_color": 0,  "name\_color\_str": "",  "official\_info": {  "desc": "",  "role": 0,  "title": "",  "type": -1  },  "origin\_info": {  "face": "https://i2.hdslb.com/bfs/face/6b2dc7993c530759da8a632064515f38302c7f56.jpg",  "name": "暮中灵"  },  "risk\_ctrl\_info": null  },  "guard": null,  "guard\_leader": null,  "medal": null,  "title": null,  "uhead\_frame": null,  "uid": 1184651828,  "wealth": null  },  "uname": "暮中灵"  },  {  "award\_content": "",  "face": "https://i0.hdslb.com/bfs/face/5d3cada17a909deb6a941c158f08257bae293db7.jpg",  "is\_mystery": false,  "rank": 2,  "uid": 294906600,  "uinfo": {  "base": {  "face": "https://i0.hdslb.com/bfs/face/5d3cada17a909deb6a941c158f08257bae293db7.jpg",  "is\_mystery": false,  "name": "m黑兔子m",  "name\_color": 0,  "name\_color\_str": "",  "official\_info": {  "desc": "",  "role": 0,  "title": "",  "type": -1  },  "origin\_info": {  "face": "https://i0.hdslb.com/bfs/face/5d3cada17a909deb6a941c158f08257bae293db7.jpg",  "name": "m黑兔子m"  },  "risk\_ctrl\_info": null  },  "guard": null,  "guard\_leader": null,  "medal": null,  "title": null,  "uhead\_frame": null,  "uid": 294906600,  "wealth": null  },  "uname": "m黑兔子m"  }  ],  "best\_uname": "暮中灵",  "room\_id": 27318169,  "vision\_desc": -1,  "votes": 2  },  "match\_info": {  "assist\_info": [  {  "award\_content": "",  "face": "https://i1.hdslb.com/bfs/face/967448c20b2d34b7816d8d70fd863609e41979d3.jpg",  "is\_mystery": false,  "rank": 1,  "uid": 60539371,  "uinfo": {  "base": {  "face": "https://i1.hdslb.com/bfs/face/967448c20b2d34b7816d8d70fd863609e41979d3.jpg",  "is\_mystery": false,  "name": "世界第一可爱熊猫大人",  "name\_color": 0,  "name\_color\_str": "",  "official\_info": {  "desc": "",  "role": 0,  "title": "",  "type": -1  },  "origin\_info": {  "face": "https://i1.hdslb.com/bfs/face/967448c20b2d34b7816d8d70fd863609e41979d3.jpg",  "name": "世界第一可爱熊猫大人"  },  "risk\_ctrl\_info": null  },  "guard": null,  "guard\_leader": null,  "medal": null,  "title": null,  "uhead\_frame": null,  "uid": 60539371,  "wealth": null  },  "uname": "世界第一可爱熊猫大人"  },  {  "award\_content": "",  "face": "https://i0.hdslb.com/bfs/face/c75e75ebd04c11d403fa8fb9d2d1b0cbfdb7581f.jpg",  "is\_mystery": false,  "rank": 2,  "uid": 122571105,  "uinfo": {  "base": {  "face": "https://i0.hdslb.com/bfs/face/c75e75ebd04c11d403fa8fb9d2d1b0cbfdb7581f.jpg",  "is\_mystery": false,  "name": "芗草",  "name\_color": 0,  "name\_color\_str": "",  "official\_info": {  "desc": "",  "role": 0,  "title": "",  "type": -1  },  "origin\_info": {  "face": "https://i0.hdslb.com/bfs/face/c75e75ebd04c11d403fa8fb9d2d1b0cbfdb7581f.jpg",  "name": "芗草"  },  "risk\_ctrl\_info": null  },  "guard": null,  "guard\_leader": null,  "medal": null,  "title": null,  "uhead\_frame": null,  "uid": 122571105,  "wealth": null  },  "uname": "芗草"  }  ],  "best\_uname": "世界第一可爱熊猫大人",  "room\_id": 24323935,  "vision\_desc": 1,  "votes": 1640  },  "trace\_id": "07a967dd6e9831903538e38e8366a37a"  },  "msg\_id": "17530054661144064:1000:1000",  "p\_is\_ack": true,  "p\_msg\_type": 1,  "pk\_id": 353915967,  "pk\_status": 201,  "send\_time": 1721989805791,  "timestamp": 1721989805  } |

#### 编码：PK\_BATTLE\_PROCESS\_NEW 战斗对决处理新

| **字段名称** | **参数类型** | **说明** |
| --- | --- | --- |
| cmd | String | 命令类型：GUARD\_BUY |
| **data** | **Object** | 数据体 |
| msg\_id | int | 消息标识ID |
| p\_is\_ack | boolean | 状态确认 |
| p\_msg\_type | int | 消息类型 |
| pk\_id | String | 对决标识ID |
| pk\_status | int | 对决状态 |
| send\_time | int | 发送时间，时间戳（13位） |
| timestamp | int | 时间戳（10位） |
| **data 数据体字段明细** | | |
| battle\_type | int | 战斗类型 |
| **init\_info** | **Object** | 初始化信息（发起方/对战方） |
| **match\_info** | **Object** | 匹配信息（对战方/发起方） |
| trace\_id | String | 跟踪标识ID |
| **init\_info 数据体字段明细** | | |
| **assist\_info** | **Object[]** | 观众用户应援信息 |
| best\_uname | String | 最大贡献用户 |
| room\_id | int | 战斗对决直播房间号ID |
| votes | int | 票数 |
| winner\_type | int | 赢家类型 |
| **assist\_info[n] 数据体字段明细** | | |
| award\_content | String | 奖励内容 |
| face | String | 观众应援用户头像（路径） |
| is\_mystery | boolean | 待确认 |
| rank | int | 观众应援用户排名 |
| uid | int | 观众应援用户UID |
| **uinfo** | **Object** | 观众应援用户信息 |
| uname | String | 观众应援用户名 |
| **uinfo 数据体字段明细** | | |
| **base** | **Object** | 观众用户基本信息 |
| **guard** | **Object** | 观众用户荣耀信息 |
| guard\_leader | UN Known | 待确认 |
| **medal** | **Object** | 观众用户佩戴粉丝牌信息 |
| title | UN Known | 待确认 |
| uhead\_frame | UN Known | 待确认 |
| uid | int | 观众用户UID |
| **wealth** | **Object** | 观众用户财富信息 |
| **base 数据体字段明细** | | |
| face | String | 观众用户用户头像地址 |
| is\_mystery | boolean | 待确认 |
| name | String | 观众用户名 |
| name\_color | int | 观众用户名颜色 |
| name\_color\_str | String | 观众用户名颜色 |
| **official\_info** | **Object** | 观众用户认证信息 |
| **origin\_info** | **Object** | 观众用户名&用户头像信息 |
| **risk\_ctrl\_info** | **Object** | 待确认 |
| **official\_info 数据体字段明细** | | |
| desc | String | 描述 |
| role | int | 观众用户角色 |
| title | String | 观众用户头衔 |
| type | int | 类型 |
| **origin\_info 数据体字段明细** | | |
| face | String | 观众用户头像地址 |
| name | String | 观众用户名 |
| **risk\_ctrl\_info 数据体字段明细** | | |
| face | String | 观众用户头像地址 |
| name | String | 观众用户名 |
| **guard 数据体字段明细** | | |
| level | int | 荣耀等级 |
| expired\_str | String | 过期时间（年-月-日 时:分:秒） |
| **medal 数据体字段明细** | | |
| color | int | 粉丝牌颜色 |
| color\_border | int | 粉丝牌边框颜色 |
| color\_end | int | 粉丝牌颜色开始 |
| color\_start | int | 粉丝牌颜色结束 |
| guard\_icon | String | 待确认 |
| guard\_level | int | 待确认 |
| honor\_icon | String | 待确认 |
| id | int | 待确认 |
| is\_light | int | 粉丝牌点亮状态 |
| level | int | 粉丝牌等级 |
| name | String | 粉丝牌名称 |
| ruid | int | 粉丝牌所属主播UID |
| score | int | 粉丝牌分值 |
| typ | int | 待确认 |
| user\_receive\_count | int | 待确认 |
| v2\_medal\_color\_border | String | V2粉丝牌边框颜色 |
| v2\_medal\_color\_end | String | V2粉丝牌颜色结束 |
| v2\_medal\_color\_level | String | V2粉丝牌等级颜色 |
| v2\_medal\_color\_start | String | V2粉丝牌颜色开始 |
| v2\_medal\_color\_text | String | V2粉丝牌文本颜色 |
| **wealth 数据体字段明细** | | |
| dm\_icon\_key | String | 弹幕图标字典值 |
| level | int | 等级 |
| **match\_info 数据体字段明细** | | |
| **assist\_info** | **Object[]** | 观众用户应援信息 |
| best\_uname | String | 最大贡献用户 |
| room\_id | int | 战斗对决直播房间号ID |
| votes | int | 票数 |
| winner\_type | int | 赢家类型 |

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| --- |
| {  "cmd": "PK\_BATTLE\_PROCESS\_NEW",  "data": {  "battle\_type": 1,  "init\_info": {  "assist\_info": null,  "best\_uname": "",  "room\_id": 27318169,  "vision\_desc": 0,  "votes": 0  },  "match\_info": {  "assist\_info": [  {  "award\_content": "",  "face": "https://i1.hdslb.com/bfs/face/967448c20b2d34b7816d8d70fd863609e41979d3.jpg",  "is\_mystery": false,  "rank": 1,  "uid": 60539371,  "uinfo": {  "base": {  "face": "https://i1.hdslb.com/bfs/face/967448c20b2d34b7816d8d70fd863609e41979d3.jpg",  "is\_mystery": false,  "name": "世界第一可爱熊猫大人",  "name\_color": 0,  "name\_color\_str": "",  "official\_info": {  "desc": "",  "role": 0,  "title": "",  "type": -1  },  "origin\_info": {  "face": "https://i1.hdslb.com/bfs/face/967448c20b2d34b7816d8d70fd863609e41979d3.jpg",  "name": "世界第一可爱熊猫大人"  },  "risk\_ctrl\_info": null  },  "guard": null,  "guard\_leader": null,  "medal": null,  "title": null,  "uhead\_frame": null,  "uid": 60539371,  "wealth": null  },  "uname": "世界第一可爱熊猫大人"  }  ],  "best\_uname": "世界第一可爱熊猫大人",  "room\_id": 24323935,  "vision\_desc": 0,  "votes": 20  },  "trace\_id": "69280b677fdff2ea4f0f7378fd66a37a"  },  "msg\_id": "17530027621483008:1000:1000",  "p\_is\_ack": true,  "p\_msg\_type": 1,  "pk\_id": 353915967,  "pk\_status": 201,  "send\_time": 1721989754217,  "timestamp": 1721989754  } |

#### 编码：PK\_BATTLE\_RANK\_CHANGE 待更新

待更新

#### 编码：PK\_BATTLE\_SETTLE 待更新

待更新

#### 编码：PK\_BATTLE\_SETTLE\_USER 待更新

待更新

#### 编码：PK\_BATTLE\_SETTLE\_V2 待更新

待更新

#### 编码：PK\_BATTLE\_START 战斗对决开始

| **字段名称** | **参数类型** | **说明** |
| --- | --- | --- |
| cmd | String | 命令类型：PK\_BATTLE\_START |
| **data** | **Object** | 数据体 |
| msg\_id | int | 消息标识ID |
| p\_is\_ack | boolean | 状态确认 |
| p\_msg\_type | int | 消息类型 |
| pk\_id | String | 战斗对决标识ID |
| pk\_status | int | 战斗对决状态 |
| roomid | String | 直播房间号ID |
| send\_time | int | 发送时间，时间戳（13位） |
| timestamp | int | 时间戳（10位） |
| **data 数据体字段明细** | | |
| battle\_sub\_type | int | 战斗子类 |
| battle\_type | int | 战斗类型 |
| **final\_conf** | **Object** | 战斗对决最终配置 |
| final\_hit\_votes | int | 战斗对决最终投票 |
| **init\_info** | **Object** | 初始化信息（发起方/对战方） |
| **match\_info** | **Object** | 匹配信息（对战方/发起方） |
| pk\_countdown | int | 对决计数时间，时间戳（10位） |
| pk\_end\_time | int | 对决结束时间，时间戳（10位） |
| pk\_frozen\_time | int | 对决冷冻时间，时间戳（10位） |
| pk\_start\_time | int | 对决开始时间，时间戳（10位） |
| pk\_votes\_add | int | 对决投票增加 |
| pk\_votes\_name | String | 对决投票名称 |
| pk\_votes\_type | int | 对决投票类型 |
| star\_light\_msg | String | 星光消息 |
| toast | String | 提示消息 |
| **final\_conf 数据体字段明细** | | |
| end\_time | int | 结束时间，时间戳（10位） |
| start\_time | int | 开始时间，时间戳（10位） |
| switch | int | 切换 |
| **init\_info 数据体字段明细** | | |
| date\_streak | int | 时间速度 |
| room\_id | int | 直播房间号ID |
| **match\_info 数据体字段明细** | | |
| date\_streak | int | 时间速度 |
| room\_id | int | 直播房间号ID |

|  |
| --- |
| {  "cmd": "PK\_BATTLE\_START",  "data": {  "battle\_sub\_type": 0,  "battle\_type": 1,  "final\_conf": {  "end\_time": 1721989686,  "start\_time": 1721989626,  "switch": 1  },  "final\_hit\_votes": 0,  "init\_info": {  "date\_streak": 0,  "room\_id": 24323935  },  "match\_info": {  "date\_streak": 0,  "room\_id": 32084131  },  "pk\_countdown": 1721989796,  "pk\_end\_time": 1721989816,  "pk\_frozen\_time": 1721989806,  "pk\_start\_time": 1721989506,  "pk\_votes\_add": 0,  "pk\_votes\_name": "PK值",  "pk\_votes\_type": 0,  "star\_light\_msg": "",  "toast": "由于对方直播间为语聊房模式，已降级为不连线经典PK"  },  "msg\_id": "17529897621657600:1000:1000",  "p\_is\_ack": true,  "p\_msg\_type": 1,  "pk\_id": 353915775,  "pk\_status": 201,  "roomid": "24323935",  "send\_time": 1721989506262,  "timestamp": 1721989506  } |

#### 编码：PK\_BATTLE\_START\_NEW 战斗对决开始

| **字段名称** | **参数类型** | **说明** |
| --- | --- | --- |
| cmd | String | 命令类型：PK\_BATTLE\_START\_NEW |
| **data** | **Object** | 数据体 |
| msg\_id | int | 消息标识ID |
| p\_is\_ack | boolean | 状态确认 |
| p\_msg\_type | int | 消息类型 |
| pk\_id | String | 战斗对决标识ID |
| pk\_status | int | 战斗对决状态 |
| roomid | String | 直播房间号ID |
| send\_time | int | 发送时间，时间戳（13位） |
| timestamp | int | 时间戳（10位） |
| **data 数据体字段明细** | | |
| battle\_sub\_type | int | 战斗子类 |
| battle\_type | int | 战斗类型 |
| **final\_conf** | **Object** | 战斗对决最终配置 |
| final\_hit\_votes | int | 战斗对决最终投票 |
| **init\_info** | **Object** | 初始化信息（发起方/对战方） |
| **match\_info** | **Object** | 匹配信息（对战方/发起方） |
| pk\_countdown | int | 对决计数时间，时间戳（10位） |
| pk\_end\_time | int | 对决结束时间，时间戳（10位） |
| pk\_frozen\_time | int | 对决冷冻时间，时间戳（10位） |
| pk\_start\_time | int | 对决开始时间，时间戳（10位） |
| pk\_votes\_add | int | 对决投票增加 |
| pk\_votes\_name | String | 对决投票名称 |
| pk\_votes\_type | int | 对决投票类型 |
| star\_light\_msg | String | 星光消息 |
| toast | String | 提示消息 |
| **final\_conf 数据体字段明细** | | |
| end\_time | int | 结束时间，时间戳（10位） |
| start\_time | int | 开始时间，时间戳（10位） |
| switch | int | 切换 |
| **init\_info 数据体字段明细** | | |
| date\_streak | int | 时间速度 |
| room\_id | int | 直播房间号ID |
| **match\_info 数据体字段明细** | | |
| date\_streak | int | 时间速度 |
| room\_id | int | 直播房间号ID |

|  |
| --- |
| {  "cmd": "PK\_BATTLE\_START\_NEW",  "data": {  "battle\_sub\_type": 0,  "battle\_type": 1,  "final\_conf": {  "end\_time": 1721989686,  "start\_time": 1721989626,  "switch": 1  },  "final\_hit\_votes": 0,  "init\_info": {  "date\_streak": 0,  "room\_id": 24323935  },  "match\_info": {  "date\_streak": 0,  "room\_id": 32084131  },  "pk\_countdown": 1721989796,  "pk\_end\_time": 1721989816,  "pk\_frozen\_time": 1721989806,  "pk\_start\_time": 1721989506,  "pk\_votes\_add": 0,  "pk\_votes\_name": "PK值",  "pk\_votes\_type": 0,  "star\_light\_msg": "",  "toast": "由于对方直播间为语聊房模式，已降级为不连线经典PK"  },  "msg\_id": "17529897610652160:1000:1000",  "p\_is\_ack": true,  "p\_msg\_type": 1,  "pk\_id": 353915775,  "pk\_status": 201,  "roomid": "24323935",  "send\_time": 1721989506241,  "timestamp": 1721989506  } |

#### 编码：PK\_BATTLE\_VIDEO\_PUNISH\_BEGIN 战斗对决视频惩罚开始

| **字段名称** | **参数类型** | **说明** |
| --- | --- | --- |
| cmd | String | 命令类型：PK\_BATTLE\_VIDEO\_PUNISH\_BEGIN |
| **data** | **Object** | 数据体 |
| msg\_id | int | 消息标识ID |
| p\_is\_ack | boolean | 状态确认 |
| p\_msg\_type | int | 消息类型 |
| pk\_id | String | 对决标识ID |
| pk\_status | int | 对决状态 |
| send\_time | int | 发送时间，时间戳（13位） |
| timestamp | int | 时间戳（10位） |
| **data 数据体字段明细** | | |
| battle\_sub\_type | int | 战斗子类 |
| battle\_type | int | 战斗类型 |
| **init\_info** | **Object** | 初始化信息（发起方/对战方） |
| **match\_info** | **Object** | 匹配信息（对战方/发起方） |
| **video\_punish** | **Object** | 视频惩罚 |
| **init\_info 数据体字段明细** | | |
| best\_uname | String | 最大贡献用户 |
| is\_mystery | boolean | 待确认 |
| room\_id | int | 战斗对决直播房间号ID |
| votes | int | 票数 |
| winner\_type | int | 赢家类型 |
| **match\_info 数据体字段明细** | | |
| best\_uname | String | 最大贡献用户 |
| is\_mystery | boolean | 待确认 |
| room\_id | int | 战斗对决直播房间号ID |
| votes | int | 票数 |
| winner\_type | int | 赢家类型 |
| **video\_punish 数据体字段明细** | | |
| duration | int | 持续时间 |
| punish\_name | String | 惩罚名称 |

|  |
| --- |
| {  "cmd": "PK\_BATTLE\_VIDEO\_PUNISH\_BEGIN",  "data": {  "battle\_sub\_type": 0,  "battle\_type": 2,  "init\_info": {  "best\_uname": "千灯\_千灯",  "is\_mystery": false,  "room\_id": 26796998,  "votes": 11930,  "winner\_type": 2  },  "match\_info": {  "best\_uname": "shy爹的语文老师",  "is\_mystery": false,  "room\_id": 1883621428,  "votes": 8240,  "winner\_type": -1  },  "video\_punish": {  "duration": 60,  "punish\_name": "惩罚"  }  },  "msg\_id": "17522082589972480:1000:1000",  "p\_is\_ack": true,  "p\_msg\_type": 1,  "pk\_id": "353898817",  "pk\_status": 702,  "send\_time": 1721974600272,  "timestamp": 1721974600  } |

#### 编码：PK\_BATTLE\_VIDEO\_PUNISH\_END 战斗对决视频惩罚结束

| **字段名称** | **参数类型** | **说明** |
| --- | --- | --- |
| cmd | String | 命令类型：PK\_BATTLE\_VIDEO\_PUNISH\_END |
| battle\_sub\_type | int | 战斗子类 |
| msg\_id | int | 消息标识ID |
| p\_is\_ack | boolean | 状态确认 |
| p\_msg\_type | int | 消息类型 |
| pk\_id | int | 战斗对决标识ID |
| pk\_status | int | 战斗对决状态 |
| send\_time | int | 发送时间，时间戳（13位） |
| timestamp | int | 时间戳（10位） |

|  |
| --- |
| {  "battle\_sub\_type": 0,  "cmd": "PK\_BATTLE\_VIDEO\_PUNISH\_END",  "msg\_id": "17522114038358016:1000:1000",  "p\_is\_ack": true,  "p\_msg\_type": 1,  "pk\_id": "353898817",  "pk\_status": 1101,  "send\_time": 1721974660255,  "timestamp": 1721974660  } |

#### 编码：PLAY\_TAG 播放标签图标

| **字段名称** | **参数类型** | **说明** |
| --- | --- | --- |
| cmd | String | 命令类型：PLAY\_TAG |
| **data** | **Object** | 数据体 |
| **data 数据体字段明细** | | |
| tag\_id | int | 标签标识ID |
| pic | String | 标签标识图标（路径） |
| timestamp | int | 定位，时间戳（10位） |
| type | String | 类型 |

|  |
| --- |
| {  "cmd": "PLAY\_TAG",  "data": {  "tag\_id": 317776,  "pic": "https://i0.hdslb.com/bfs/live/3c26626a30fdb70e44e16fd4313fa02785486e30.png",  "timestamp": 1730167365,  "type": "ADD"  }  } |

#### 编码：POPULAR\_RANK\_CHANGED 直播人气榜更新

| **字段名称** | **参数类型** | **说明** |
| --- | --- | --- |
| cmd | String | 命令类型：POPULAR\_RANK\_CHANGED |
| **data** | **Object** | 数据体 |
| **data 数据体字段明细** | | |
| uid | int | 直播用户UID |
| rank | int | 排名 |
| countdown | int | 计数 |
| timestamp | int | 时间戳（10位） |
| cache\_key | String | 缓存KEY |
| on\_rank\_name\_by\_type | String | 排行榜分类名称 |
| rank\_name\_by\_type | String | 分类排行榜名称 |
| url\_by\_type | String | 分类排行榜地址（路径） |
| rank\_by\_type | int | 分类排行榜 |
| default\_url | String | 默认地址（路径） |

|  |
| --- |
| {  "cmd": "POPULAR\_RANK\_CHANGED",  "data": {  "uid": 1629467333,  "rank": 55,  "countdown": 3421,  "timestamp": 1722499380,  "cache\_key": "rank\_change:c317cda4efd0484ebd23bbb46f3e3eea",  "on\_rank\_name\_by\_type": "人气",  "rank\_name\_by\_type": "人气榜",  "url\_by\_type": "https://live.bilibili.com/p/html/live-app-hotrank/index.html?is\_live\_half\_webview=1&hybrid\_rotate\_d=1&hybrid\_half\_ui=1,3,100p,70p,0,0,30,100,12;2,2,375,100p,0,0,30,100,0;3,3,100p,70p,0,0,30,100,12;4,2,375,100p,0,0,30,100,0;5,3,100p,70p,0,0,30,100,0;6,3,100p,70p,0,0,30,100,0;7,3,100p,70p,0,0,30,100,0;8,3,100p,70p,0,0,30,100,0&pc\_ui=338,465,f4eefa,0&redirect=v2&anchorId=1629467333",  "rank\_by\_type": 55,  "default\_url": "https://live.bilibili.com/p/html/live-app-hotrank/index.html?is\_live\_half\_webview=1&hybrid\_rotate\_d=1&hybrid\_half\_ui=1,3,100p,70p,0,0,30,100,12;2,2,375,100p,0,0,30,100,0;3,3,100p,70p,0,0,30,100,12;4,2,375,100p,0,0,30,100,0;5,3,100p,70p,0,0,30,100,0;6,3,100p,70p,0,0,30,100,0;7,3,100p,70p,0,0,30,100,0;8,3,100p,70p,0,0,30,100,0&pc\_ui=338,465,f4eefa,0&redirect=v2&anchorId=1629467333"  }  } |

#### 编码：POPULAR\_RANK\_GUIDE\_CARD 直播人气榜引导卡片

| **字段名称** | **参数类型** | **说明** |
| --- | --- | --- |
| cmd | String | 命令类型：POPULAR\_RANK\_GUIDE\_CARD |
| **data** | **Object** | 数据体 |
| **data 数据体字段明细** | | |
| ruid | int | 直播用户UID |
| title | String | 标题 |
| sub\_text | String | 子标题 |
| icon\_img | String | 图标（路径） |
| gift\_id | int | 礼物标识ID |
| countdown | int | 计数 |
| popup\_title | String | 弹出标题 |

|  |
| --- |
| {  "cmd": "POPULAR\_RANK\_GUIDE\_CARD",  "data": {  "ruid": 1629467333,  "title": "目前人气榜NO.38",  "sub\_text": "帮我投喂人气票冲榜吧~",  "icon\_img": "https://i2.hdslb.com/bfs/face/a20ae17bc93de9a31480d8004b422659a052178a.jpg",  "gift\_id": 33988,  "countdown": 10,  "popup\_title": "投喂一个人气票帮助主播打榜~"  }  } |

#### 编码：POPULARITY\_RANK\_TAB\_CHG 直播人气榜页签更新

| **字段名称** | **参数类型** | **说明** |
| --- | --- | --- |
| cmd | String | 命令类型：POPULARITY\_RANK\_TAB\_CHG |
| **data** | **Object** | 数据体 |
| **data 数据体字段明细** | | |
| room\_id | int | 直播房间号ID |
| ruid | int | 直播用户UID |
| type | String | 类型 |
| need\_refresh\_tab | boolean | 是否需要刷新页签 |

|  |
| --- |
| {  "cmd": "POPULARITY\_RANK\_TAB\_CHG",  "data": {  "room\_id": 7401280,  "ruid": 27717502,  "type": "area",  "need\_refresh\_tab": true  }  } |

#### 编码：POPULARITY\_RED\_POCKET\_NEW 人气榜红包礼物新

| **字段名称** | **参数类型** | **说明** |
| --- | --- | --- |
| cmd | String | 命令类型：POPULARITY\_RED\_POCKET\_NEW |
| **data** | **Object** | 数据体 |
| **data 数据体字段明细** | | |
| lot\_id | int | 红包标识ID |
| start\_time | int | 开始时间，时间戳（10位） |
| current\_time | int | 当前时间，时间戳（10位） |
| wait\_num | int | 等待数 |
| wait\_num\_v2 | int | 等待数V2 |
| uname | String | 赠送人气红包礼物观众用户名 |
| uid | int | 赠送人气红包礼物观众用户UID |
| action | String | 动作 |
| num | int | 数量 |
| gift\_name | String | 礼物名称 |
| gift\_id | int | 礼物标识ID |
| price | int | 价值 |
| name\_color | String | 名称颜色 |
| **medal\_info** | **Object** | 粉丝牌信息 |
| wealth\_level | int | 财富等级 |
| group\_medal | UN Known | 粉丝组 |
| is\_mystery | boolean | 待确认 |
| **sender\_info** | **Object** | 赠送人信息 |
| gift\_icon | String | 礼物图标 |
| rp\_type | int | 待确认 |
| **medal\_info 数据体字段明细** | | |
| target\_id | int | 粉丝牌所属主播UID |
| special | String | 待确认 |
| icon\_id | int | 待确认 |
| anchor\_uname | int | 待确认 |
| anchor\_roomid | int | 待确认 |
| medal\_level | int | 粉丝牌等级 |
| medal\_name | String | 粉丝牌名称 |
| medal\_color | int | 粉丝牌颜色 |
| medal\_color\_start | int | 粉丝牌颜色开始 |
| medal\_color\_end | int | 粉丝牌颜色结束 |
| medal\_color\_border | int | 粉丝牌边框颜色 |
| is\_lighted | int | 粉丝牌是否点亮 |
| guard\_level | int | 待确认 |
| **sender\_info 数据体字段明细** | | |
| uid | int | 观众用户UID |
| **base** | **Object** | 观众用户基本信息 |
| **medal** | **Object** | 观众用户佩戴粉丝牌信息 |
| **wealth** | **Object** | 观众用户财富信息 |
| title | UN Known | 待确认 |
| **guard** | **Object** | 观众用户荣耀信息 |
| uhead\_frame | UN Known | 待确认 |
| guard\_leader | UN Known | 待确认 |
| **base 数据体字段明细** | | |
| name | String | 观众用户名 |
| face | String | 观众用户用户头像地址 |
| name\_color | int | 观众用户名颜色 |
| is\_mystery | boolean | 待确认 |
| **risk\_ctrl\_info** | **Object** | 待确认 |
| **origin\_info** | **Object** | 观众用户名&用户头像信息 |
| **official\_info** | **Object** | 观众用户认证信息 |
| name\_color\_str | String | 观众用户名颜色 |
| **risk\_ctrl\_info 数据体字段明细** | | |
| face | String | 观众用户头像地址 |
| name | String | 观众用户名 |
| **origin\_info 数据体字段明细** | | |
| face | String | 观众用户头像地址 |
| name | String | 观众用户名 |
| **official\_info 数据体字段明细** | | |
| desc | String | 描述 |
| role | int | 观众用户角色 |
| title | String | 观众用户头衔 |
| type | int | 类型 |
| **medal 数据体字段明细** | | |
| color | int | 粉丝牌颜色 |
| color\_border | int | 粉丝牌边框颜色 |
| color\_end | int | 粉丝牌颜色开始 |
| color\_start | int | 粉丝牌颜色结束 |
| guard\_icon | String | 待确认 |
| guard\_level | int | 待确认 |
| honor\_icon | String | 待确认 |
| id | int | 待确认 |
| is\_light | int | 粉丝牌点亮状态 |
| level | int | 粉丝牌等级 |
| name | String | 粉丝牌名称 |
| ruid | int | 粉丝牌所属主播UID |
| score | int | 粉丝牌分值 |
| typ | int | 待确认 |
| user\_receive\_count | int | 待确认 |
| v2\_medal\_color\_border | String | V2粉丝牌边框颜色 |
| v2\_medal\_color\_end | String | V2粉丝牌颜色结束 |
| v2\_medal\_color\_level | String | V2粉丝牌等级颜色 |
| v2\_medal\_color\_start | String | V2粉丝牌颜色开始 |
| v2\_medal\_color\_text | String | V2粉丝牌文本颜色 |
| **wealth 数据体字段明细** | | |
| level | int | 等级 |
| dm\_icon\_key | String | 弹幕图标字典值 |
| **guard 数据体字段明细** | | |
| level | int | 荣耀等级 |
| expired\_str | String | 过期时间（年-月-日 时:分:秒） |

|  |
| --- |
| {  "cmd": "POPULARITY\_RED\_POCKET\_NEW",  "data": {  "lot\_id": 21388021,  "start\_time": 1722500993,  "current\_time": 1722500993,  "wait\_num": 0,  "wait\_num\_v2": 0,  "uname": "可欣妹儿o",  "uid": 3546735511079472,  "action": "送出",  "num": 1,  "gift\_name": "红包",  "gift\_id": 13000,  "price": 20,  "name\_color": "",  "medal\_info": {  "target\_id": 0,  "special": "",  "icon\_id": 0,  "anchor\_uname": "",  "anchor\_roomid": 0,  "medal\_level": 0,  "medal\_name": "",  "medal\_color": 0,  "medal\_color\_start": 0,  "medal\_color\_end": 0,  "medal\_color\_border": 0,  "is\_lighted": 0,  "guard\_level": 0  },  "wealth\_level": 6,  "group\_medal": null,  "is\_mystery": false,  "sender\_info": {  "uid": 3546735511079472,  "base": {  "name": "可欣妹儿o",  "face": "https://i0.hdslb.com/bfs/face/8e9ea9b757f7358c465e4d3854f3ac802b28c528.jpg",  "name\_color": 0,  "is\_mystery": false,  "risk\_ctrl\_info": null,  "origin\_info": {  "name": "可欣妹儿o",  "face": "https://i0.hdslb.com/bfs/face/8e9ea9b757f7358c465e4d3854f3ac802b28c528.jpg"  },  "official\_info": {  "role": 0,  "title": "",  "desc": "",  "type": -1  },  "name\_color\_str": ""  },  "medal": null,  "wealth": {  "level": 6,  "dm\_icon\_key": ""  },  "title": null,  "guard": {  "level": 0,  "expired\_str": ""  },  "uhead\_frame": null,  "guard\_leader": null  },  "gift\_icon": "",  "rp\_type": 0  }  } |

#### 编码：POPULARITY\_RED\_POCKET\_START 人气榜红包礼物抽奖开始

| **字段名称** | **参数类型** | **说明** |
| --- | --- | --- |
| cmd | String | 命令类型：POPULARITY\_RED\_POCKET\_START |
| **data** | **Object** | 数据体 |
| **data 数据体字段明细** | | |
| lot\_id | int | 红包标识ID |
| sender\_uid | int | 赠送人气红包礼物观众用户UID |
| sender\_name | String | 赠送人气红包礼物观众用户名 |
| sender\_face | String | 赠送人气红包礼物观众用户头像（路径） |
| join\_requirement | int | 加入需求 |
| danmu | String | 参与抽奖消息 |
| current\_time | int | 当前时间，时间戳（10位） |
| start\_time | int | 开始时间，时间戳（10位） |
| end\_time | int | 结束时间，时间戳（10位） |
| last\_time | int | 最后时间，时间戳（10位） |
| remove\_time | int | 移除时间，时间戳（10位） |
| replace\_time | int | 替换时间，时间戳（10位） |
| lot\_status | int | 红包状态 |
| h5\_url | String | H5参与路径（路径） |
| user\_status | int | 用户状态 |
| **awards** | **Object[]** | 奖品信息 |
| lot\_config\_id | int | 红包配置标识ID |
| total\_price | int | 总金额 |
| wait\_num | int | 等待数 |
| wait\_num\_v2 | int | 等待数V2 |
| is\_mystery | boolean | 待确认 |
| rp\_type | int | 待确认 |
| **sender\_uinfo** | **Object** | 赠送人气红包礼物观众用户信息 |
| icon\_url | String | 图标地址（路径） |
| animation\_icon\_url | String | 动画图标地址（路径） |
| rp\_guard\_info | UN Known | 待确认 |
| **awards[n] 数据体字段明细** | | |
| gift\_id | int | 奖品礼物标识ID |
| gift\_name | String | 奖品礼物名称 |
| gift\_pic | String | 奖品礼物图片（路径） |
| num | int | 奖品礼物数目 |
| **sender\_uinfo 数据体字段明细** | | |
| uid | int | 观众用户UID |
| **base** | **Object** | 观众用户基本信息 |
| **medal** | **Object** | 观众用户佩戴粉丝牌信息 |
| **wealth** | **Object** | 观众用户财富信息 |
| title | UN Known | 待确认 |
| **guard** | **Object** | 观众用户荣耀信息 |
| uhead\_frame | UN Known | 待确认 |
| guard\_leader | UN Known | 待确认 |
| **base 数据体字段明细** | | |
| name | String | 观众用户名 |
| face | String | 观众用户用户头像地址 |
| name\_color | int | 观众用户名颜色 |
| is\_mystery | boolean | 待确认 |
| **risk\_ctrl\_info** | **Object** | 待确认 |
| **origin\_info** | **Object** | 观众用户名&用户头像信息 |
| **official\_info** | **Object** | 观众用户认证信息 |
| name\_color\_str | String | 观众用户名颜色 |
| **risk\_ctrl\_info 数据体字段明细** | | |
| face | String | 观众用户头像地址 |
| name | String | 观众用户名 |
| **origin\_info 数据体字段明细** | | |
| face | String | 观众用户头像地址 |
| name | String | 观众用户名 |
| **official\_info 数据体字段明细** | | |
| desc | String | 描述 |
| role | int | 观众用户角色 |
| title | String | 观众用户头衔 |
| type | int | 类型 |
| **medal 数据体字段明细** | | |
| color | int | 粉丝牌颜色 |
| color\_border | int | 粉丝牌边框颜色 |
| color\_end | int | 粉丝牌颜色开始 |
| color\_start | int | 粉丝牌颜色结束 |
| guard\_icon | String | 待确认 |
| guard\_level | int | 待确认 |
| honor\_icon | String | 待确认 |
| id | int | 待确认 |
| is\_light | int | 粉丝牌点亮状态 |
| level | int | 粉丝牌等级 |
| name | String | 粉丝牌名称 |
| ruid | int | 粉丝牌所属主播UID |
| score | int | 粉丝牌分值 |
| typ | int | 待确认 |
| user\_receive\_count | int | 待确认 |
| v2\_medal\_color\_border | String | V2粉丝牌边框颜色 |
| v2\_medal\_color\_end | String | V2粉丝牌颜色结束 |
| v2\_medal\_color\_level | String | V2粉丝牌等级颜色 |
| v2\_medal\_color\_start | String | V2粉丝牌颜色开始 |
| v2\_medal\_color\_text | String | V2粉丝牌文本颜色 |
| **wealth 数据体字段明细** | | |
| level | int | 等级 |
| dm\_icon\_key | String | 弹幕图标字典值 |
| **guard 数据体字段明细** | | |
| level | int | 荣耀等级 |
| expired\_str | String | 过期时间（年-月-日 时:分:秒） |

|  |
| --- |
| {  "cmd": "POPULARITY\_RED\_POCKET\_START",  "data": {  "lot\_id": 21388021,  "sender\_uid": 3546735511079472,  "sender\_name": "可欣妹儿o",  "sender\_face": "https://i0.hdslb.com/bfs/face/8e9ea9b757f7358c465e4d3854f3ac802b28c528.jpg",  "join\_requirement": 1,  "danmu": "老板大气！点点红包抽礼物",  "current\_time": 1722500995,  "start\_time": 1722500993,  "end\_time": 1722501173,  "last\_time": 180,  "remove\_time": 1722501188,  "replace\_time": 1722501183,  "lot\_status": 1,  "h5\_url": "https://live.bilibili.com/p/html/live-app-red-envelope/popularity.html?is\_live\_half\_webview=1&hybrid\_half\_ui=1,5,100p,100p,000000,0,50,0,0,1;2,5,100p,100p,000000,0,50,0,0,1;3,5,100p,100p,000000,0,50,0,0,1;4,5,100p,100p,000000,0,50,0,0,1;5,5,100p,100p,000000,0,50,0,0,1;6,5,100p,100p,000000,0,50,0,0,1;7,5,100p,100p,000000,0,50,0,0,1;8,5,100p,100p,000000,0,50,0,0,1&hybrid\_rotate\_d=1&hybrid\_biz=popularityRedPacket&lotteryId=21388021",  "user\_status": 2,  "awards": [  {  "gift\_id": 31212,  "gift\_name": "打call",  "gift\_pic": "https://s1.hdslb.com/bfs/live/461be640f60788c1d159ec8d6c5d5cf1ef3d1830.png",  "num": 2  },  {  "gift\_id": 34003,  "gift\_name": "人气票",  "gift\_pic": "https://s1.hdslb.com/bfs/live/7164c955ec0ed7537491d189b821cc68f1bea20d.png",  "num": 3  },  {  "gift\_id": 31216,  "gift\_name": "小花花",  "gift\_pic": "https://s1.hdslb.com/bfs/live/5126973892625f3a43a8290be6b625b5e54261a5.png",  "num": 3  }  ],  "lot\_config\_id": 3,  "total\_price": 1600,  "wait\_num": 0,  "wait\_num\_v2": 0,  "is\_mystery": false,  "rp\_type": 0,  "sender\_uinfo": {  "uid": 3546735511079472,  "base": {  "name": "可欣妹儿o",  "face": "https://i0.hdslb.com/bfs/face/8e9ea9b757f7358c465e4d3854f3ac802b28c528.jpg",  "name\_color": 0,  "is\_mystery": false,  "risk\_ctrl\_info": null,  "origin\_info": {  "name": "可欣妹儿o",  "face": "https://i0.hdslb.com/bfs/face/8e9ea9b757f7358c465e4d3854f3ac802b28c528.jpg"  },  "official\_info": {  "role": 0,  "title": "",  "desc": "",  "type": -1  },  "name\_color\_str": ""  },  "medal": null,  "wealth": null,  "title": null,  "guard": null,  "uhead\_frame": null,  "guard\_leader": null  },  "icon\_url": "",  "animation\_icon\_url": "",  "rp\_guard\_info": null  }  } |

#### 编码：POPULARITY\_RED\_POCKET\_V2\_NEW 人气榜红包礼物V2新

| **字段名称** | **参数类型** | **说明** |
| --- | --- | --- |
| cmd | String | 命令类型：POPULARITY\_RED\_POCKET\_V2\_NEW |
| **data** | **Object** | 数据体 |
| **data 数据体字段明细** | | |
| lot\_id | int | 红包标识ID |
| start\_time | int | 开始时间，时间戳（10位） |
| current\_time | int | 当前时间，时间戳（10位） |
| wait\_num | int | 等待数 |
| wait\_num\_v2 | int | 等待数V2 |
| uname | String | 赠送人气红包礼物观众用户名 |
| uid | int | 赠送人气红包礼物观众用户UID |
| action | String | 动作 |
| num | int | 数量 |
| gift\_name | String | 礼物名称 |
| gift\_id | int | 礼物标识ID |
| price | int | 价值 |
| name\_color | String | 名称颜色 |
| **medal\_info** | **Object** | 粉丝牌信息 |
| wealth\_level | int | 财富等级 |
| group\_medal | UN Known | 粉丝组 |
| is\_mystery | boolean | 待确认 |
| **sender\_info** | **Object** | 赠送人信息 |
| gift\_icon | String | 礼物图标 |
| rp\_type | int | 待确认 |
| **medal\_info 数据体字段明细** | | |
| target\_id | int | 粉丝牌所属主播UID |
| special | String | 待确认 |
| icon\_id | int | 待确认 |
| anchor\_uname | int | 待确认 |
| anchor\_roomid | int | 待确认 |
| medal\_level | int | 粉丝牌等级 |
| medal\_name | String | 粉丝牌名称 |
| medal\_color | int | 粉丝牌颜色 |
| medal\_color\_start | int | 粉丝牌颜色开始 |
| medal\_color\_end | int | 粉丝牌颜色结束 |
| medal\_color\_border | int | 粉丝牌边框颜色 |
| is\_lighted | int | 粉丝牌是否点亮 |
| guard\_level | int | 待确认 |
| **sender\_info 数据体字段明细** | | |
| uid | int | 观众用户UID |
| **base** | **Object** | 观众用户基本信息 |
| **medal** | **Object** | 观众用户佩戴粉丝牌信息 |
| **wealth** | **Object** | 观众用户财富信息 |
| title | UN Known | 待确认 |
| **guard** | **Object** | 观众用户荣耀信息 |
| uhead\_frame | UN Known | 待确认 |
| guard\_leader | UN Known | 待确认 |
| **base 数据体字段明细** | | |
| name | String | 观众用户名 |
| face | String | 观众用户用户头像地址 |
| name\_color | int | 观众用户名颜色 |
| is\_mystery | boolean | 待确认 |
| **risk\_ctrl\_info** | **Object** | 待确认 |
| **origin\_info** | **Object** | 观众用户名&用户头像信息 |
| **official\_info** | **Object** | 观众用户认证信息 |
| name\_color\_str | String | 观众用户名颜色 |
| **risk\_ctrl\_info 数据体字段明细** | | |
| face | String | 观众用户头像地址 |
| name | String | 观众用户名 |
| **origin\_info 数据体字段明细** | | |
| face | String | 观众用户头像地址 |
| name | String | 观众用户名 |
| **official\_info 数据体字段明细** | | |
| desc | String | 描述 |
| role | int | 观众用户角色 |
| title | String | 观众用户头衔 |
| type | int | 类型 |
| **medal 数据体字段明细** | | |
| color | int | 粉丝牌颜色 |
| color\_border | int | 粉丝牌边框颜色 |
| color\_end | int | 粉丝牌颜色开始 |
| color\_start | int | 粉丝牌颜色结束 |
| guard\_icon | String | 待确认 |
| guard\_level | int | 待确认 |
| honor\_icon | String | 待确认 |
| id | int | 待确认 |
| is\_light | int | 粉丝牌点亮状态 |
| level | int | 粉丝牌等级 |
| name | String | 粉丝牌名称 |
| ruid | int | 粉丝牌所属主播UID |
| score | int | 粉丝牌分值 |
| typ | int | 待确认 |
| user\_receive\_count | int | 待确认 |
| v2\_medal\_color\_border | String | V2粉丝牌边框颜色 |
| v2\_medal\_color\_end | String | V2粉丝牌颜色结束 |
| v2\_medal\_color\_level | String | V2粉丝牌等级颜色 |
| v2\_medal\_color\_start | String | V2粉丝牌颜色开始 |
| v2\_medal\_color\_text | String | V2粉丝牌文本颜色 |
| **wealth 数据体字段明细** | | |
| level | int | 等级 |
| dm\_icon\_key | String | 弹幕图标字典值 |
| **guard 数据体字段明细** | | |
| level | int | 荣耀等级 |
| expired\_str | String | 过期时间（年-月-日 时:分:秒） |

|  |
| --- |
| {  "cmd": "POPULARITY\_RED\_POCKET\_V2\_NEW",  "data": {  "lot\_id": 21388021,  "start\_time": 1722500993,  "current\_time": 1722500993,  "wait\_num": 0,  "wait\_num\_v2": 0,  "uname": "可欣妹儿o",  "uid": 3546735511079472,  "action": "送出",  "num": 1,  "gift\_name": "红包",  "gift\_id": 13000,  "price": 20,  "name\_color": "",  "medal\_info": {  "target\_id": 0,  "special": "",  "icon\_id": 0,  "anchor\_uname": "",  "anchor\_roomid": 0,  "medal\_level": 0,  "medal\_name": "",  "medal\_color": 0,  "medal\_color\_start": 0,  "medal\_color\_end": 0,  "medal\_color\_border": 0,  "is\_lighted": 0,  "guard\_level": 0  },  "wealth\_level": 6,  "group\_medal": null,  "is\_mystery": false,  "sender\_info": {  "uid": 3546735511079472,  "base": {  "name": "可欣妹儿o",  "face": "https://i0.hdslb.com/bfs/face/8e9ea9b757f7358c465e4d3854f3ac802b28c528.jpg",  "name\_color": 0,  "is\_mystery": false,  "risk\_ctrl\_info": null,  "origin\_info": {  "name": "可欣妹儿o",  "face": "https://i0.hdslb.com/bfs/face/8e9ea9b757f7358c465e4d3854f3ac802b28c528.jpg"  },  "official\_info": {  "role": 0,  "title": "",  "desc": "",  "type": -1  },  "name\_color\_str": ""  },  "medal": null,  "wealth": {  "level": 6,  "dm\_icon\_key": ""  },  "title": null,  "guard": {  "level": 0,  "expired\_str": ""  },  "uhead\_frame": null,  "guard\_leader": null  },  "gift\_icon": "",  "rp\_type": 0  }  } |

#### 编码：POPULARITY\_RED\_POCKET\_V2\_START 人气榜红包礼物抽奖V2开始

| **字段名称** | **参数类型** | **说明** |
| --- | --- | --- |
| cmd | String | 命令类型：POPULARITY\_RED\_POCKET\_V2\_START |
| **data** | **Object** | 数据体 |
| **data 数据体字段明细** | | |
| lot\_id | int | 红包标识ID |
| sender\_uid | int | 赠送人气红包礼物观众用户UID |
| sender\_name | String | 赠送人气红包礼物观众用户名 |
| sender\_face | String | 赠送人气红包礼物观众用户头像（路径） |
| join\_requirement | int | 加入需求 |
| danmu | String | 参与抽奖消息 |
| current\_time | int | 当前时间，时间戳（10位） |
| start\_time | int | 开始时间，时间戳（10位） |
| end\_time | int | 结束时间，时间戳（10位） |
| last\_time | int | 最后时间，时间戳（10位） |
| remove\_time | int | 移除时间，时间戳（10位） |
| replace\_time | int | 替换时间，时间戳（10位） |
| lot\_status | int | 红包状态 |
| h5\_url | String | H5参与路径（路径） |
| user\_status | int | 用户状态 |
| **awards** | **Object[]** | 奖品信息 |
| lot\_config\_id | int | 红包配置标识ID |
| total\_price | int | 总金额 |
| wait\_num | int | 等待数 |
| wait\_num\_v2 | int | 等待数V2 |
| is\_mystery | boolean | 待确认 |
| rp\_type | int | 待确认 |
| **sender\_uinfo** | **Object** | 赠送人气红包礼物观众用户信息 |
| icon\_url | String | 图标地址（路径） |
| animation\_icon\_url | String | 动画图标地址（路径） |
| rp\_guard\_info | UN Known | 待确认 |
| **awards[n] 数据体字段明细** | | |
| gift\_id | int | 奖品礼物标识ID |
| gift\_name | String | 奖品礼物名称 |
| gift\_pic | String | 奖品礼物图片（路径） |
| num | int | 奖品礼物数目 |
| **sender\_uinfo 数据体字段明细** | | |
| uid | int | 观众用户UID |
| **base** | **Object** | 观众用户基本信息 |
| **medal** | **Object** | 观众用户佩戴粉丝牌信息 |
| **wealth** | **Object** | 观众用户财富信息 |
| title | UN Known | 待确认 |
| **guard** | **Object** | 观众用户荣耀信息 |
| uhead\_frame | UN Known | 待确认 |
| guard\_leader | UN Known | 待确认 |
| **base 数据体字段明细** | | |
| name | String | 观众用户名 |
| face | String | 观众用户用户头像地址 |
| name\_color | int | 观众用户名颜色 |
| is\_mystery | boolean | 待确认 |
| **risk\_ctrl\_info** | **Object** | 待确认 |
| **origin\_info** | **Object** | 观众用户名&用户头像信息 |
| **official\_info** | **Object** | 观众用户认证信息 |
| name\_color\_str | String | 观众用户名颜色 |
| **risk\_ctrl\_info 数据体字段明细** | | |
| face | String | 观众用户头像地址 |
| name | String | 观众用户名 |
| **origin\_info 数据体字段明细** | | |
| face | String | 观众用户头像地址 |
| name | String | 观众用户名 |
| **official\_info 数据体字段明细** | | |
| desc | String | 描述 |
| role | int | 观众用户角色 |
| title | String | 观众用户头衔 |
| type | int | 类型 |
| **medal 数据体字段明细** | | |
| color | int | 粉丝牌颜色 |
| color\_border | int | 粉丝牌边框颜色 |
| color\_end | int | 粉丝牌颜色开始 |
| color\_start | int | 粉丝牌颜色结束 |
| guard\_icon | String | 待确认 |
| guard\_level | int | 待确认 |
| honor\_icon | String | 待确认 |
| id | int | 待确认 |
| is\_light | int | 粉丝牌点亮状态 |
| level | int | 粉丝牌等级 |
| name | String | 粉丝牌名称 |
| ruid | int | 粉丝牌所属主播UID |
| score | int | 粉丝牌分值 |
| typ | int | 待确认 |
| user\_receive\_count | int | 待确认 |
| v2\_medal\_color\_border | String | V2粉丝牌边框颜色 |
| v2\_medal\_color\_end | String | V2粉丝牌颜色结束 |
| v2\_medal\_color\_level | String | V2粉丝牌等级颜色 |
| v2\_medal\_color\_start | String | V2粉丝牌颜色开始 |
| v2\_medal\_color\_text | String | V2粉丝牌文本颜色 |
| **wealth 数据体字段明细** | | |
| level | int | 等级 |
| dm\_icon\_key | String | 弹幕图标字典值 |
| **guard 数据体字段明细** | | |
| level | int | 荣耀等级 |
| expired\_str | String | 过期时间（年-月-日 时:分:秒） |

|  |
| --- |
| {  "cmd": "POPULARITY\_RED\_POCKET\_V2\_START",  "data": {  "lot\_id": 21388021,  "sender\_uid": 3546735511079472,  "sender\_name": "可欣妹儿o",  "sender\_face": "https://i0.hdslb.com/bfs/face/8e9ea9b757f7358c465e4d3854f3ac802b28c528.jpg",  "join\_requirement": 1,  "danmu": "老板大气！点点红包抽礼物",  "current\_time": 1722500995,  "start\_time": 1722500993,  "end\_time": 1722501173,  "last\_time": 180,  "remove\_time": 1722501188,  "replace\_time": 1722501183,  "lot\_status": 1,  "h5\_url": "https://live.bilibili.com/p/html/live-app-red-envelope/popularity.html?is\_live\_half\_webview=1&hybrid\_half\_ui=1,5,100p,100p,000000,0,50,0,0,1;2,5,100p,100p,000000,0,50,0,0,1;3,5,100p,100p,000000,0,50,0,0,1;4,5,100p,100p,000000,0,50,0,0,1;5,5,100p,100p,000000,0,50,0,0,1;6,5,100p,100p,000000,0,50,0,0,1;7,5,100p,100p,000000,0,50,0,0,1;8,5,100p,100p,000000,0,50,0,0,1&hybrid\_rotate\_d=1&hybrid\_biz=popularityRedPacket&lotteryId=21388021",  "user\_status": 2,  "awards": [  {  "gift\_id": 31212,  "gift\_name": "打call",  "gift\_pic": "https://s1.hdslb.com/bfs/live/461be640f60788c1d159ec8d6c5d5cf1ef3d1830.png",  "num": 2  },  {  "gift\_id": 34003,  "gift\_name": "人气票",  "gift\_pic": "https://s1.hdslb.com/bfs/live/7164c955ec0ed7537491d189b821cc68f1bea20d.png",  "num": 3  },  {  "gift\_id": 31216,  "gift\_name": "小花花",  "gift\_pic": "https://s1.hdslb.com/bfs/live/5126973892625f3a43a8290be6b625b5e54261a5.png",  "num": 3  }  ],  "lot\_config\_id": 3,  "total\_price": 1600,  "wait\_num": 0,  "wait\_num\_v2": 0,  "is\_mystery": false,  "rp\_type": 0,  "sender\_uinfo": {  "uid": 3546735511079472,  "base": {  "name": "可欣妹儿o",  "face": "https://i0.hdslb.com/bfs/face/8e9ea9b757f7358c465e4d3854f3ac802b28c528.jpg",  "name\_color": 0,  "is\_mystery": false,  "risk\_ctrl\_info": null,  "origin\_info": {  "name": "可欣妹儿o",  "face": "https://i0.hdslb.com/bfs/face/8e9ea9b757f7358c465e4d3854f3ac802b28c528.jpg"  },  "official\_info": {  "role": 0,  "title": "",  "desc": "",  "type": -1  },  "name\_color\_str": ""  },  "medal": null,  "wealth": null,  "title": null,  "guard": null,  "uhead\_frame": null,  "guard\_leader": null  },  "icon\_url": "",  "animation\_icon\_url": "",  "rp\_guard\_info": null  }  } |

#### 编码：POPULARITY\_RED\_POCKET\_V2\_WINNER\_LIST 人气榜红包V2中奖名单

| **字段名称** | **参数类型** | **说明** |
| --- | --- | --- |
| cmd | String | 命令类型：POPULARITY\_RED\_POCKET\_V2\_WINNER\_LIST |
| **data** | **Object** | 数据体 |
| **data 数据体字段明细** | | |
| lot\_id | int | 红包标识ID |
| total\_num | int | 中奖总数 |
| award\_num | int | 奖品总数 |
| **winner\_info** | **Array[]** | 中奖名单 |
| **awards** | **Object** | 奖品名单 |
| version | int | 版本 |
| rp\_type | int | 待确认 |
| timestamp | int | 时间戳（0） |
| **winner\_info[n][n] 数据体字段明细** | | |
| 0 | int | 中奖用户UID |
| 1 | String | 中奖用户名 |
| 2 | int | 待确认 |
| 3 | int | 中奖礼物标识ID |
| 4 | boolean | 待确认 |
| 5 | UN Known | 待确认 |
| 6 | int | 待确认 |
| 7 | int | 待确认 |
| **awards."礼物标识ID" 数据体字段明细** | | |
| award\_type | int | 奖品类型 |
| award\_name | String | 奖品名称 |
| award\_pic | String | 奖品图片（路径） |
| award\_big\_pic | String | 奖品大图片（路径） |
| award\_price | int | 奖品价值金额 |

|  |
| --- |
| {  "cmd": "POPULARITY\_RED\_POCKET\_V2\_WINNER\_LIST",  "data": {  "lot\_id": 21388021,  "total\_num": 8,  "award\_num": 0,  "winner\_info": [  [  322413943,  "虚名的蛤蟆",  9755929,  31212,  false,  null,  1722501175,  1629467333  ],  [  19379892,  "三月七OvO",  9809383,  31212,  false,  null,  1722501175,  1629467333  ],  [  1116928801,  "荔枝酒9",  9695483,  34003,  false,  null,  1722501175,  1629467333  ],  [  15052101,  "冰泷虾",  9695484,  34003,  false,  null,  1722501175,  1629467333  ],  [  175996150,  "顶不到云",  9774658,  34003,  false,  null,  1722501175,  1629467333  ],  [  451082871,  "HangYoung",  9695482,  31216,  false,  null,  1722501175,  1629467333  ],  [  18263157,  "-かげ-",  9693901,  31216,  false,  null,  1722501175,  1629467333  ],  [  15201291,  "迎蓝R",  9695481,  31216,  false,  null,  1722501175,  1629467333  ]  ],  "awards": {  "31212": {  "award\_type": 1,  "award\_name": "打call",  "award\_pic": "https://s1.hdslb.com/bfs/live/461be640f60788c1d159ec8d6c5d5cf1ef3d1830.png",  "award\_big\_pic": "https://i0.hdslb.com/bfs/live/9e6521c57f24c7149c054d265818d4b82059f2ef.png",  "award\_price": 500  },  "31216": {  "award\_type": 1,  "award\_name": "小花花",  "award\_pic": "https://s1.hdslb.com/bfs/live/5126973892625f3a43a8290be6b625b5e54261a5.png",  "award\_big\_pic": "https://i0.hdslb.com/bfs/live/cf90eac49ac0df5c26312f457e92edfff266f3f1.png",  "award\_price": 100  },  "34003": {  "award\_type": 1,  "award\_name": "人气票",  "award\_pic": "https://s1.hdslb.com/bfs/live/7164c955ec0ed7537491d189b821cc68f1bea20d.png",  "award\_big\_pic": "https://i0.hdslb.com/bfs/live/5bfaddf9a78e677501bb6d440f4d690668136496.png",  "award\_price": 100  }  },  "version": 1,  "rp\_type": 0,  "timestamp": 0  }  } |

#### 编码：POPULARITY\_RED\_POCKET\_WINNER\_LIST 人气榜红包中奖名单

| **字段名称** | **参数类型** | **说明** |
| --- | --- | --- |
| cmd | String | 命令类型：POPULARITY\_RED\_POCKET\_WINNER\_LIST |
| **data** | **Object** | 数据体 |
| **data 数据体字段明细** | | |
| lot\_id | int | 红包标识ID |
| total\_num | int | 中奖总数 |
| award\_num | int | 奖品总数 |
| **winner\_info** | **Array[]** | 中奖名单 |
| **awards** | **Object** | 奖品名单 |
| version | int | 版本 |
| rp\_type | int | 待确认 |
| timestamp | int | 时间戳（10位） |
| **winner\_info[n][n] 数据体字段明细** | | |
| 0 | int | 中奖用户UID |
| 1 | String | 中奖用户名 |
| 2 | int | 待确认 |
| 3 | int | 中奖礼物标识ID |
| 4 | boolean | 待确认 |
| 5 | UN Known | 待确认 |
| 6 | int | 待确认 |
| 7 | int | 待确认 |
| **awards."礼物标识ID" 数据体字段明细** | | |
| award\_type | int | 奖品类型 |
| award\_name | String | 奖品名称 |
| award\_pic | String | 奖品图片（路径） |
| award\_big\_pic | String | 奖品大图片（路径） |
| award\_price | int | 奖品价值金额 |

|  |
| --- |
| {  "cmd": "POPULARITY\_RED\_POCKET\_WINNER\_LIST",  "data": {  "lot\_id": 21388021,  "total\_num": 8,  "award\_num": 8,  "winner\_info": [  [  322413943,  "虚名的蛤蟆",  9755929,  31212,  false,  null,  1722501175,  1629467333  ],  [  19379892,  "三月七OvO",  9809383,  31212,  false,  null,  1722501175,  1629467333  ],  [  1116928801,  "荔枝酒9",  9695483,  34003,  false,  null,  1722501175,  1629467333  ],  [  15052101,  "冰泷虾",  9695484,  34003,  false,  null,  1722501175,  1629467333  ],  [  175996150,  "顶不到云",  9774658,  34003,  false,  null,  1722501175,  1629467333  ],  [  451082871,  "HangYoung",  9695482,  31216,  false,  null,  1722501175,  1629467333  ],  [  18263157,  "-かげ-",  9693901,  31216,  false,  null,  1722501175,  1629467333  ],  [  15201291,  "迎蓝R",  9695481,  31216,  false,  null,  1722501175,  1629467333  ]  ],  "awards": {  "31212": {  "award\_type": 1,  "award\_name": "打call",  "award\_pic": "https://s1.hdslb.com/bfs/live/461be640f60788c1d159ec8d6c5d5cf1ef3d1830.png",  "award\_big\_pic": "https://i0.hdslb.com/bfs/live/9e6521c57f24c7149c054d265818d4b82059f2ef.png",  "award\_price": 500  },  "31216": {  "award\_type": 1,  "award\_name": "小花花",  "award\_pic": "https://s1.hdslb.com/bfs/live/5126973892625f3a43a8290be6b625b5e54261a5.png",  "award\_big\_pic": "https://i0.hdslb.com/bfs/live/cf90eac49ac0df5c26312f457e92edfff266f3f1.png",  "award\_price": 100  },  "34003": {  "award\_type": 1,  "award\_name": "人气票",  "award\_pic": "https://s1.hdslb.com/bfs/live/7164c955ec0ed7537491d189b821cc68f1bea20d.png",  "award\_big\_pic": "https://i0.hdslb.com/bfs/live/5bfaddf9a78e677501bb6d440f4d690668136496.png",  "award\_price": 100  }  },  "version": 1,  "rp\_type": 0,  "timestamp": 1722501175  }  } |

#### 编码：PREPARING 直播准备中

| **字段名称** | **参数类型** | **说明** |
| --- | --- | --- |
| cmd | String | 命令类型：PREPARING |
| **scatter** | **Object** | 数据体 |
| roomid | String | 直播间房间号ID |
| **scatter 数据体字段明细** | | |
| min | int | 最小 |
| max | int | 最大 |

|  |
| --- |
| {  "roomid": "24160384",  "scatter": {  "min": 10,  "max": 30  },  "cmd": "PREPARING"  } |

#### 编码：RANK\_CHANGED 排行榜更新

| **字段名称** | **参数类型** | **说明** |
| --- | --- | --- |
| cmd | String | 命令类型：RANK\_CHANGED |
| **data** | **Object** | 数据体 |
| **data 数据体字段明细** | | |
| uid | int | 直播用户UID |
| rank | int | 排行 |
| countdown | int | 计数 |
| timestamp | int | 时间戳（10位） |
| on\_rank\_name\_by\_type | String | 排行榜分类名称 |
| rank\_name\_by\_type | String | 分类排行榜名称 |
| url\_by\_type | String | 分类排行榜地址（路径） |
| rank\_by\_type | int | 分类排行榜 |
| rank\_type | int | 排行榜类型 |

|  |
| --- |
| {  "cmd": "RANK\_CHANGED",  "data": {  "uid": 1629467333,  "rank": 2,  "countdown": 0,  "timestamp": 1722506305,  "on\_rank\_name\_by\_type": "全站热门",  "rank\_name\_by\_type": "热门榜",  "url\_by\_type": "https://live.bilibili.com/p/html/live-app-hotrank/index.html?is\_live\_half\_webview=1&hybrid\_rotate\_d=1&hybrid\_half\_ui=1,3,100p,70p,0,0,30,100,12;2,2,375,100p,0,0,30,100,0;3,3,100p,70p,0,0,30,100,12;4,2,375,100p,0,0,30,100,0;5,3,100p,70p,0,0,30,100,0;6,3,100p,70p,0,0,30,100,0;7,3,100p,70p,0,0,30,100,0;8,3,100p,70p,0,0,30,100,0&pc\_ui=338,465,f4eefa,0&redirect=v2&rank=hot&anchorId=1629467333&rank\_type=1",  "rank\_by\_type": 2,  "rank\_type": 3  }  } |

#### 编码：RANK\_REM 排行榜更新

| **字段名称** | **参数类型** | **说明** |
| --- | --- | --- |
| cmd | String | 命令类型：RANK\_CHANGED |
| **data** | **Object** | 数据体 |
| **data 数据体字段明细** | | |
| name | String | 排行榜名称 |
| room\_id | int | 直播房间号 |
| ruid | int | 直播主播UID |
| time | int | 时间戳（10位） |
| uid | int | 观众用户UID |

|  |
| --- |
| {  "cmd": "RANK\_REM",  "data": {  "name": "online\_gold",  "room\_id": 24160384,  "ruid": 1629467333,  "time": 1722501085,  "uid": 3546735511079472  }  } |

#### 编码：RECOMMEND\_CARD 直播推荐卡片

| **字段名称** | **参数类型** | **说明** |
| --- | --- | --- |
| cmd | String | 命令类型：RECOMMEND\_CARD |
| **data** | **Object** | 数据体 |
| **data 数据体字段明细** | | |
| title\_icon | String | 标题图标（路径） |
| **recommend\_list** | **Object[]** | 推荐信息 |
| timestamp | int | 时间戳（10位） |
| update\_list | UN Known | 待确认 |
| **recommend\_list[n] 数据体字段明细** | | |
| **shopping\_card\_detail** | **Object** | 购物卡片详情 |
| recommend\_card\_extra | UN Known | 待确认 |
| **shopping\_card\_detail 数据体字段明细** | | |
| goods\_id | String | 商品标识ID |
| goods\_name | String | 商品名称 |
| goods\_price | String | 商品价格 |
| goods\_max\_price | String | 商品最大价格 |
| sale\_status | int | 销售状态 |
| coupon\_name | String | 优惠券名称 |
| goods\_icon | String | 商品图标（路径） |
| goods\_status | int | 商品状态 |
| source | int | 来源 |
| h5\_url | String | H5路径（路径） |
| jump\_link | String | 跳转链接（路径） |
| schema\_url | String | 协议路径（路径） |
| is\_pre\_sale | int | 是否预售 |
| activity\_info | UN Known | 待确认 |
| pre\_sale\_info | UN Known | 待确认 |
| early\_bird\_info | UN Known | 待确认 |
| timestamp | int | 时间戳（10位） |
| coupon\_discount\_price | String | 优惠券折扣价格 |
| selling\_point | String | 卖点 |
| hot\_buy\_num | int | 热卖数 |
| gift\_buy\_info | UN Known | 待确认 |
| is\_exclusive | boolean | 是否独家 |
| coupon\_id | String | 优惠券标识ID |
| reward\_info | UN Known | 待确认 |
| goods\_tag\_list | UN Known | 待确认 |
| **virtual\_extra\_info** | **Object** | 虚拟扩展信息 |
| **price\_info** | **Object** | 价格信息 |
| **btn\_info** | **Object** | 按钮信息 |
| goods\_sort\_id | int | 商品排序标识ID |
| coupon\_info | UN Known | 待确认 |
| active\_info | UN Known | 待确认 |
| jump\_url | String | 跳转地址（路径） |
| **virtual\_extra\_info 数据体字段明细** | | |
| goods\_type | int | 商品类型 |
| web\_container\_type | int | 页面容器类型 |
| **price\_info 数据体字段明细** | | |
| **normal** | **Object** | 商品类型 |
| activity | UN Known | 待确认 |
| **normal 数据体字段明细** | | |
| prefix\_price | String | 商品金额前缀 |
| sale\_price | String | 商品金额 |
| suffix\_price | String | 商品金额后缀 |
| strock\_price | String | 商品划线价金额 |
| sale\_start\_time | int | 售卖开始时间，时间戳（10位） |
| sale\_end\_time | int | 售卖结束时间（0） |
| strock\_show | int | 是否展示商品划线价金额 |
| **btn\_info 数据体字段明细** | | |
| card\_btn\_status | int | 卡片按钮状态 |
| card\_btn\_title | String | 卡片按钮标题 |
| card\_btn\_style | int | 卡片按钮样式 |
| card\_btn\_jumpurl | String | 卡片按钮跳转地址（路径） |
| card\_btn\_route\_jump\_url | String | 卡片按钮路由跳转地址（路径） |
| card\_btn\_click\_url | String | 卡片按钮点击地址（路径） |

|  |
| --- |
| {  "cmd": "RECOMMEND\_CARD",  "data": {  "title\_icon": "https://i0.hdslb.com/bfs/live/3053f47729c4974b1cfe4cd98482c28d4e23a1c2.png",  "recommend\_list": [  {  "shopping\_card\_detail": {  "goods\_id": "1679711391698235392",  "goods\_name": "莎布Shub",  "goods\_price": "8.00",  "goods\_max\_price": "",  "sale\_status": 0,  "coupon\_name": "",  "goods\_icon": "https://i0.hdslb.com/bfs/garb/6cba5cafd434352b55c9033385b4bab6202e77d5.png",  "goods\_status": 1,  "source": 5,  "h5\_url": "https://www.bilibili.com/h5/mall/suit/detail?id=118847501&navhide=1&rebate=690171571&from\_id=21995982&s\_video=0&f\_source=zhibo&is\_live\_half\_webview=1&hybrid\_rotate\_d=0&hybrid\_half\_ui=1,3,100p,70p,0,0,30,100,12,0;2,2,375,100p,0,0,30,100,0,0;3,3,100p,70p,0,0,30,100,12,0;4,2,375,100p,0,0,30,100,0,0;5,3,100p,70p,0,0,30,100,12,0;6,3,100p,70p,0,0,30,100,12,0;7,3,100p,70p,0,0,30,100,12,0&web\_type=1&source=5&goods\_id=1679711391698235392#/virdress",  "jump\_link": "",  "schema\_url": "",  "is\_pre\_sale": 0,  "activity\_info": null,  "pre\_sale\_info": null,  "early\_bird\_info": null,  "timestamp": 1721972595,  "coupon\_discount\_price": "",  "selling\_point": "",  "hot\_buy\_num": 0,  "gift\_buy\_info": null,  "is\_exclusive": false,  "coupon\_id": "",  "reward\_info": null,  "goods\_tag\_list": null,  "virtual\_extra\_info": {  "goods\_type": 1,  "web\_container\_type": 1  },  "price\_info": {  "normal": {  "prefix\_price": "",  "sale\_price": "8.00",  "suffix\_price": "起",  "strock\_price": "",  "sale\_start\_time": 1689318000,  "sale\_end\_time": 0,  "strock\_show": 1  },  "activity": null  },  "btn\_info": {  "card\_btn\_status": 1,  "card\_btn\_title": "去抢购",  "card\_btn\_style": 1,  "card\_btn\_jumpurl": "",  "card\_btn\_route\_jump\_url": "",  "card\_btn\_click\_url": ""  },  "goods\_sort\_id": 0,  "coupon\_info": null,  "active\_info": null,  "jump\_url": ""  },  "recommend\_card\_extra": null  }  ],  "timestamp": 1721972595,  "update\_list": []  }  } |

#### 编码：REENTER\_LIVE\_ROOM 待更新

待更新

#### 编码：REVENUE\_RANK\_CHANGED 主营业务收入排行变更

| **字段名称** | **参数类型** | **说明** |
| --- | --- | --- |
| cmd | String | 命令类型：REVENUE\_RANK\_CHANGED |
| **data** | **Object** | 数据体 |
| **data 数据体字段明细** | | |
| conf\_id | int | 配置标识ID |
| rank\_name | String | 排行榜名称 |
| uid | int | 主播用户UID |
| rank | int | 排名 |
| icon\_url\_blue | String | 图标地址（蓝色） |
| icon\_url\_pink | String | 图标地址（粉色） |
| icon\_url\_grey | String | 图标地址（灰色） |
| action\_type | int | 动作类型 |
| timestamp | int | 时间戳（10位） |
| msg\_id | String | 消息标识ID |
| jump\_url\_link | String | 跳转地址链接（路径） |
| jump\_url\_pc | String | 跳转地址电脑（路径） |
| jump\_url\_pink | String | 跳转地址粉色（路径） |
| jump\_url\_web | String | 跳转地址页面（路径） |

|  |
| --- |
| {  "cmd": "REVENUE\_RANK\_CHANGED",  "data": {  "conf\_id": 24,  "rank\_name": "电竞航海",  "uid": 1629467333,  "rank": 2,  "icon\_url\_blue": "https://i0.hdslb.com/bfs/live/18e2990a546d33368200f9058f3d9dbc4038eb5c.png",  "icon\_url\_pink": "https://i0.hdslb.com/bfs/live/a6c490c36e88c7b191a04883a5ec15aed187a8f7.png",  "icon\_url\_grey": "https://i0.hdslb.com/bfs/live/cb7444b1faf1d785df6265bfdc1fcfc993419b76.png",  "action\_type": 1,  "timestamp": 1723707250,  "msg\_id": "67348a4c-a319-4eb8-b19e-ebe385aa9495",  "jump\_url\_link": "https://live.bilibili.com/p/html/live-app-hotrank/index.html?clientType=3&ruid=1629467333&conf\_id=24&is\_live\_half\_webview=1&hybrid\_rotate\_d=1&is\_cling\_player=1&hybrid\_half\_ui=1,3,100p,70p,f4eefa,0,30,100,0,0;2,2,375,100p,f4eefa,0,30,100,0,0;3,3,100p,70p,f4eefa,0,30,100,0,0;4,2,375,100p,f4eefa,0,30,100,0,0;5,3,100p,70p,f4eefa,0,30,100,0,0;6,3,100p,70p,f4eefa,0,30,100,0,0;7,3,100p,70p,f4eefa,0,30,100,0,0;8,3,100p,70p,f4eefa,0,30,100,0,0#/area-rank",  "jump\_url\_pc": "https://live.bilibili.com/p/html/live-app-hotrank/index.html?clientType=4&ruid=1629467333&conf\_id=24&pc\_ui=338,465,f4eefa,0#/area-rank",  "jump\_url\_pink": "https://live.bilibili.com/p/html/live-app-hotrank/index.html?clientType=1&ruid=1629467333&conf\_id=24&is\_live\_half\_webview=1&hybrid\_rotate\_d=1&hybrid\_half\_ui=1,3,100p,70p,ffffff,0,30,100,12,0;2,2,375,100p,ffffff,0,30,100,0,0;3,3,100p,70p,ffffff,0,30,100,12,0;4,2,375,100p,ffffff,0,30,100,0,0;5,3,100p,70p,ffffff,0,30,100,0,0;6,3,100p,70p,ffffff,0,30,100,0,0;7,3,100p,70p,ffffff,0,30,100,0,0;8,3,100p,70p,ffffff,0,30,100,0,0#/area-rank",  "jump\_url\_web": "https://live.bilibili.com/p/html/live-app-hotrank/index.html?clientType=2&ruid=1629467333&conf\_id=24#/area-rank"  }  } |

#### 编码：RING\_STATUS\_CHANGE 振铃状态更新

| **字段名称** | **参数类型** | **说明** |
| --- | --- | --- |
| cmd | String | 命令类型：RING\_STATUS\_CHANGE |
| **data** | **Object** | 数据体 |
| **data 数据体字段明细** | | |
| status | int | 观众用户UID |

|  |
| --- |
| {  "cmd": "RING\_STATUS\_CHANGE",  "data": {  "status": 0  }  } |

#### 编码：RING\_STATUS\_CHANGE\_V2 振铃状态更新V2

| **字段名称** | **参数类型** | **说明** |
| --- | --- | --- |
| cmd | String | 命令类型：RING\_STATUS\_CHANGE\_V2 |
| **data** | **Object** | 数据体 |
| **data 数据体字段明细** | | |
| status | int | 观众用户UID |

|  |
| --- |
| {  "cmd": "RING\_STATUS\_CHANGE\_V2",  "data": {  "status": 0  }  } |

#### 编码：ROOM\_ADMINS 待更新

待更新

#### 编码：ROOM\_BLOCK\_MSG 直播间封禁消息

| **字段名称** | **参数类型** | **说明** |
| --- | --- | --- |
| cmd | String | 命令类型：ROOM\_BLOCK\_MSG |
| **data** | **Object** | 数据体 |
| uid | int | 直播间被封禁用户UID |
| uname | String | 直播间被封禁用户名 |
| **data 数据体字段明细** | | |
| block\_expired | int | 封禁过期时间 |
| dmscore | int | 弹幕评分 |
| operator | int | 操作 |
| uid | int | 直播间被封禁用户UID |
| uname | String | 直播间被封禁用户名 |
| vaild\_period | String | 封禁有效时间 |

|  |
| --- |
| {  "cmd": "ROOM\_BLOCK\_MSG",  "data": {  "block\_expired": 2145888000,  "dmscore": 45,  "operator": 1,  "uid": 3546735521565420,  "uname": "幑信査云直乐",  "vaild\_period": "永久"  },  "uid": 3546735521565420,  "uname": "幑信査云直乐"  } |

#### 编码：ROOM\_CHANGE 直播间信息更新

| **字段名称** | **参数类型** | **说明** |
| --- | --- | --- |
| cmd | String | 命令类型：ROOM\_CHANGE |
| **data** | **Object** | 数据体 |
| **data 数据体字段明细** | | |
| title | String | 直播间标题 |
| area\_id | int | 分区标识ID |
| parent\_area\_id | int | 父级分区标识ID |
| area\_name | String | 分区名称 |
| parent\_area\_name | String | 父级分区名称 |
| live\_key | String | 直播KEY |
| sub\_session\_key | String | 子会话KEY |

|  |
| --- |
| {  "cmd": "ROOM\_CHANGE",  "data": {  "title": "【全球冠军赛】FPX vs TH",  "area\_id": 329,  "parent\_area\_id": 2,  "area\_name": "无畏契约",  "parent\_area\_name": "网游",  "live\_key": "515598969799223424",  "sub\_session\_key": "515598969799223424sub\_time:1722497062"  }  } |

#### 编码：ROOM\_REAL\_TIME\_MESSAGE\_UPDATE 直播间实时信息更新

| **字段名称** | **参数类型** | **说明** |
| --- | --- | --- |
| cmd | String | 命令类型：ROOM\_REAL\_TIME\_MESSAGE\_UPDATE |
| **data** | **Object** | 数据体 |
| **data 数据体字段明细** | | |
| roomid | int | 直播房间号ID |
| fans | int | 直播主播用户粉丝数 |
| red\_notice | int | 超管警告通知数 |
| fans\_club | int | 应援团粉丝数 |

|  |
| --- |
| {  "cmd": "ROOM\_REAL\_TIME\_MESSAGE\_UPDATE",  "data": {  "roomid": 24160384,  "fans": 379570,  "red\_notice": -1,  "fans\_club": 3813  }  } |

#### 编码：ROOM\_SILENT\_OFF 直播间关闭禁言

| **字段名称** | **参数类型** | **说明** |
| --- | --- | --- |
| cmd | String | 命令类型：ROOM\_SILENT\_OFF |
| **data** | **Object** | 数据体 |
| **data 数据体字段明细** | | |
| type | String | 类型 |
| level | int | 禁言用户等级 |
| second | int | 禁言用户时间 |
| msg | String | 禁言通知消息 |

|  |
| --- |
| {  "data": {  "type": "",  "level": 0,  "second": 0,  "msg": "[系统]: 主播取消了房间禁言"  },  "cmd": "ROOM\_SILENT\_OFF"  } |

#### 编码：ROOM\_SILENT\_ON 直播间开启禁言

待更新

#### 编码：ROOM\_SKIN\_MSG 直播间皮肤信息

待更新

#### 编码：SEND\_GIFT 礼物投喂

| **字段名称** | **参数类型** | **说明** |
| --- | --- | --- |
| cmd | String | 命令类型：SEND\_GIFT |
| **data** | **Object** | 数据体 |
| **data 数据体字段明细** | | |
| action | String | 动作 |
| bag\_gift | UN Known | 礼盒，待确认 |
| batch\_combo\_id | String | 批量礼物连击标识ID |
| **batch\_combo\_send** | **Object** | 批量礼物连击信息 |
| beatId | String | 节拍标识ID |
| biz\_source | String | 业务来源 |
| blind\_gift | UN Known | 盲盒，待确认 |
| broadcast\_id | int | 广播标识ID |
| coin\_type | String | 硬币类型 |
| combo\_resources\_id | String |  |
| **combo\_send** | **Object** | 礼物连击信息 |
| combo\_stay\_time | int | 礼物连击存留时间 |
| combo\_total\_coin | int | 礼物连击总数 |
| crit\_prob | int | 暴击问题 |
| demarcation | int | 划界 |
| discount\_price | int | 折扣价 |
| dmscore | int | 弹幕分 |
| draw | int | 绘画 |
| effect | int | 影响 |
| effect\_block | int | 影响块 |
| face | String | 礼物投喂用户头像（路径） |
| face\_effect\_id | int | 待确认 |
| face\_effect\_type | int | 待确认 |
| **face\_effect\_v2** | **Object** | 待确认 |
| float\_sc\_resource\_id | int | 待确认 |
| giftId | int | 礼物标识ID |
| giftName | String | 礼物名称 |
| giftType | int | 礼物类型 |
| gift\_tag | UN Known | 待确认 |
| gold | int | 待确认 |
| group\_medal | UN Known | 待确认 |
| guard\_level | int | 荣耀等级 |
| is\_first | boolean | 待确认 |
| is\_join\_receiver | boolean | 待确认 |
| is\_naming | boolean | 待确认 |
| is\_special\_batch | int | 待确认 |
| magnification | int | 待确认 |
| **medal\_info** | **Object** | 粉丝牌信息 |
| name\_color | String | 礼物投喂用户名颜色 |
| num | int | 礼物投喂数 |
| original\_gift\_name | String | 原始礼物名称 |
| price | int | 礼物价格 |
| rcost | int | 待确认 |
| **receive\_user\_info** | **Object** | 接收主播信息（UID/主播名称） |
| **receiver\_uinfo** | **Object** | 接收主播详细信息 |
| remain | int | 待确认 |
| rnd | String | 待确认 |
| send\_master | UN Known | 待确认 |
| **sender\_uinfo** | **Object** | 礼物投喂用户信息 |
| silver | int | 待确认 |
| super | int | 待确认 |
| super\_batch\_gift\_num | int | 超级批量礼物数 |
| super\_gift\_num | int | 超级礼物数 |
| svga\_block | int | 待确认 |
| switch | boolean | 待确认 |
| tag\_image | String | 标签图片（路径） |
| tid | String | 待确认 |
| timestamp | int | 时间戳（10位） |
| top\_list | UN Known | 待确认 |
| total\_coin | int | 总价值 |
| uid | int | 礼物投喂观众用户UID |
| uname | String | 礼物投喂观众用户名 |
| wealth\_level | int | 礼物投喂观众用户财富等级 |
| **batch\_combo\_send 数据体字段明细** | | |
| action | String | 动作 |
| batch\_combo\_id | String | 批量礼物连击标识ID |
| batch\_combo\_num | String | 批量礼物连击数 |
| blind\_gift | UN Known | 待确认 |
| gift\_id | int | 礼物标识ID |
| gift\_name | String | 礼物名称 |
| gift\_num | int | 礼物数 |
| send\_master | UN Known | 待确认 |
| uid | int | 礼物投喂观众用户UID |
| uname | String | 礼物投喂观众用户名 |
| **combo\_send 数据体字段明细** | | |
| action | String | 动作 |
| combo\_id | String | 礼物连击标识ID |
| combo\_num | String | 礼物连击数 |
| gift\_id | int | 礼物标识ID |
| gift\_name | String | 礼物名称 |
| gift\_num | int | 礼物数 |
| send\_master | UN Known | 待确认 |
| uid | int | 礼物投喂观众用户UID |
| uname | String | 礼物投喂观众用户名 |
| **face\_effect\_v2 数据体字段明细** | | |
| id | int | 待确认 |
| type | int | 待确认 |
| **medal\_info 数据体字段明细** | | |
| anchor\_roomid | int | 待确认 |
| anchor\_uname | int | 待确认 |
| guard\_level | int | 待确认 |
| icon\_id | int | 待确认 |
| is\_lighted | int | 粉丝牌是否点亮 |
| medal\_color | int | 粉丝牌颜色 |
| medal\_color\_border | int | 粉丝牌边框颜色 |
| medal\_color\_end | int | 粉丝牌颜色结束 |
| medal\_color\_start | int | 粉丝牌颜色开始 |
| medal\_level | int | 粉丝牌等级 |
| medal\_name | String | 粉丝牌名称 |
| special | String | 待确认 |
| target\_id | int | 粉丝牌所属主播UID |
| **receive\_user\_info 数据体字段明细** | | |
| uid | int | 接收主播UID |
| uname | String | 接收主播名称 |
| **receiver\_uinfo 数据体字段明细** | | |
| **base** | **Object** | 基础信息 |
| guard | UN Known | 待确认 |
| guard\_leader | UN Known | 待确认 |
| medal | UN Known | 待确认 |
| title | UN Known | 待确认 |
| uhead\_frame | UN Known | 待确认 |
| uid | int | 主播UID |
| wealth | UN Known | 待确认 |
| **base 数据体字段明细** | | |
| face | String | 主播用户头像地址 |
| is\_mystery | boolean | 待确认 |
| name | String | 主播用户名 |
| name\_color | int | 主播用户名颜色 |
| name\_color\_str | String | 主播用户名颜色 |
| **official\_info** | **Object** | 主播认证信息 |
| **origin\_info** | **Object** | 主播用户名&用户头像信息 |
| **risk\_ctrl\_info** | **Object** | 待确认 |
| **official\_info 数据体字段明细** | | |
| desc | String | 描述 |
| role | int | 主播用户角色 |
| title | String | 主播用户头衔 |
| type | int | 类型 |
| **origin\_info 数据体字段明细** | | |
| face | String | 主播用户头像地址 |
| name | String | 主播用户名 |
| **risk\_ctrl\_info 数据体字段明细** | | |
| face | String | 主播用户头像地址 |
| name | String | 主播用户名 |
| **sender\_uinfo 数据体字段明细** | | |
| **base** | **Object** | 礼物连击用户信息 |
| guard | UN Known | 待确认 |
| guard\_leader | UN Known | 待确认 |
| **medal** | **Object** | 礼物连击用户佩戴粉丝牌信息 |
| title | UN Known | 待确认 |
| uhead\_frame | UN Known | 待确认 |
| uid | int | 待确认 |
| wealth | UN Known | 待确认 |
| **base 数据体字段明细** | | |
| face | String | 礼物连击用户头像地址 |
| is\_mystery | boolean | 待确认 |
| name | String | 礼物连击用户名 |
| name\_color | int | 礼物连击用户名颜色 |
| name\_color\_str | String | 礼物连击用户名颜色 |
| **official\_info** | **Object** | 礼物连击认证信息 |
| **origin\_info** | **Object** | 礼物连击用户名&用户头像信息 |
| **risk\_ctrl\_info** | **Object** | 待确认 |
| **official\_info 数据体字段明细** | | |
| desc | String | 描述 |
| role | int | 礼物连击用户角色 |
| title | String | 礼物连击用户头衔 |
| type | int | 类型 |
| **origin\_info 数据体字段明细** | | |
| face | String | 礼物连击用户头像地址 |
| name | String | 礼物连击用户名 |
| **risk\_ctrl\_info 数据体字段明细** | | |
| face | String | 礼物连击用户头像地址 |
| name | String | 礼物连击用户名 |
| **medal 数据体字段明细** | | |
| color | int | 粉丝牌颜色 |
| color\_border | int | 粉丝牌边框颜色 |
| color\_end | int | 粉丝牌颜色开始 |
| color\_start | int | 粉丝牌颜色结束 |
| guard\_icon | String | 待确认 |
| guard\_level | int | 待确认 |
| honor\_icon | String | 待确认 |
| id | int | 待确认 |
| is\_light | int | 粉丝牌点亮状态 |
| level | int | 粉丝牌等级 |
| name | String | 粉丝牌名称 |
| ruid | int | 粉丝牌所属主播UID |
| score | int | 粉丝牌分值 |
| typ | int | 待确认 |
| user\_receive\_count | int | 待确认 |
| v2\_medal\_color\_border | String | V2粉丝牌边框颜色 |
| v2\_medal\_color\_end | String | V2粉丝牌颜色结束 |
| v2\_medal\_color\_level | String | V2粉丝牌等级颜色 |
| v2\_medal\_color\_start | String | V2粉丝牌颜色开始 |
| v2\_medal\_color\_text | String | V2粉丝牌文本颜色 |

|  |
| --- |
| {  "cmd": "SEND\_GIFT",  "data": {  "action": "投喂",  "bag\_gift": null,  "batch\_combo\_id": "batch:gift:combo\_id:202221897:1629467333:34164:1722499333.1096",  "batch\_combo\_send": {  "action": "投喂",  "batch\_combo\_id": "batch:gift:combo\_id:202221897:1629467333:34164:1722499333.1096",  "batch\_combo\_num": 1,  "blind\_gift": null,  "gift\_id": 34164,  "gift\_name": "FPX加油！",  "gift\_num": 1,  "send\_master": null,  "uid": 202221897,  "uname": "千瓦桑"  },  "beatId": "0",  "biz\_source": "Live",  "blind\_gift": null,  "broadcast\_id": 0,  "coin\_type": "gold",  "combo\_resources\_id": 1,  "combo\_send": {  "action": "投喂",  "combo\_id": "gift:combo\_id:202221897:1629467333:34164:1722499333.1087",  "combo\_num": 1,  "gift\_id": 34164,  "gift\_name": "FPX加油！",  "gift\_num": 1,  "send\_master": null,  "uid": 202221897,  "uname": "千瓦桑"  },  "combo\_stay\_time": 5,  "combo\_total\_coin": 100,  "crit\_prob": 0,  "demarcation": 1,  "discount\_price": 100,  "dmscore": 140,  "draw": 0,  "effect": 0,  "effect\_block": 0,  "face": "http://i0.hdslb.com/bfs/face/347b94a9905ebb9faaabb796615fa6d192d131fe.jpg",  "face\_effect\_id": 0,  "face\_effect\_type": 0,  "face\_effect\_v2": {  "id": 0,  "type": 0  },  "float\_sc\_resource\_id": 0,  "giftId": 34164,  "giftName": "FPX加油！",  "giftType": 0,  "gift\_tag": [],  "gold": 0,  "group\_medal": null,  "guard\_level": 0,  "is\_first": true,  "is\_join\_receiver": false,  "is\_naming": false,  "is\_special\_batch": 0,  "magnification": 1,  "medal\_info": {  "anchor\_roomid": 0,  "anchor\_uname": "",  "guard\_level": 0,  "icon\_id": 0,  "is\_lighted": 1,  "medal\_color": 12478086,  "medal\_color\_border": 12478086,  "medal\_color\_end": 12478086,  "medal\_color\_start": 12478086,  "medal\_level": 16,  "medal\_name": "莲宝p",  "special": "",  "target\_id": 1629467333  },  "name\_color": "",  "num": 1,  "original\_gift\_name": "",  "price": 100,  "rcost": 15442648,  "receive\_user\_info": {  "uid": 1629467333,  "uname": "夜莲Annbbers"  },  "receiver\_uinfo": {  "base": {  "face": "https://i2.hdslb.com/bfs/face/a20ae17bc93de9a31480d8004b422659a052178a.jpg",  "is\_mystery": false,  "name": "夜莲Annbbers",  "name\_color": 0,  "name\_color\_str": "",  "official\_info": {  "desc": "",  "role": 1,  "title": "bilibili 知名游戏UP主",  "type": 0  },  "origin\_info": {  "face": "https://i2.hdslb.com/bfs/face/a20ae17bc93de9a31480d8004b422659a052178a.jpg",  "name": "夜莲Annbbers"  },  "risk\_ctrl\_info": {  "face": "https://i2.hdslb.com/bfs/face/a20ae17bc93de9a31480d8004b422659a052178a.jpg",  "name": "夜莲Annbbers"  }  },  "guard": null,  "guard\_leader": null,  "medal": null,  "title": null,  "uhead\_frame": null,  "uid": 1629467333,  "wealth": null  },  "remain": 0,  "rnd": "4536370051984539136",  "send\_master": null,  "sender\_uinfo": {  "base": {  "face": "http://i0.hdslb.com/bfs/face/347b94a9905ebb9faaabb796615fa6d192d131fe.jpg",  "is\_mystery": false,  "name": "千瓦桑",  "name\_color": 0,  "name\_color\_str": "",  "official\_info": {  "desc": "",  "role": 0,  "title": "",  "type": -1  },  "origin\_info": {  "face": "http://i0.hdslb.com/bfs/face/347b94a9905ebb9faaabb796615fa6d192d131fe.jpg",  "name": "千瓦桑"  },  "risk\_ctrl\_info": {  "face": "http://i0.hdslb.com/bfs/face/347b94a9905ebb9faaabb796615fa6d192d131fe.jpg",  "name": "千瓦桑"  }  },  "guard": null,  "guard\_leader": null,  "medal": {  "color": 12478086,  "color\_border": 12478086,  "color\_end": 12478086,  "color\_start": 12478086,  "guard\_icon": "",  "guard\_level": 0,  "honor\_icon": "",  "id": 0,  "is\_light": 1,  "level": 16,  "name": "莲宝p",  "ruid": 1629467333,  "score": 140200,  "typ": 0,  "user\_receive\_count": 0,  "v2\_medal\_color\_border": "#C85DC499",  "v2\_medal\_color\_end": "#C85DC499",  "v2\_medal\_color\_level": "#59005699",  "v2\_medal\_color\_start": "#C85DC499",  "v2\_medal\_color\_text": "#FFFFFFFF"  },  "title": null,  "uhead\_frame": null,  "uid": 202221897,  "wealth": null  },  "silver": 0,  "super": 0,  "super\_batch\_gift\_num": 1,  "super\_gift\_num": 1,  "svga\_block": 0,  "switch": true,  "tag\_image": "",  "tid": "4536370051984539136",  "timestamp": 1722499333,  "top\_list": null,  "total\_coin": 100,  "uid": 202221897,  "uname": "千瓦桑",  "wealth\_level": 6  }  } |

#### 编码：SEND\_GIFT\_V2 礼物投喂V2

| **字段名称** | **参数类型** | **说明** |
| --- | --- | --- |
| cmd | String | 命令类型：SEND\_GIFT\_V2 |
| **data** | **Object** | 数据体 |
| **data 数据体字段明细** | | |
| dmscore | int | 弹幕分 |
| pb | String | 待确认 |

|  |
| --- |
| {  "cmd": "SEND\_GIFT\_V2",  "data": {  "dmscore": 42,  "pb": ""  }  } |

#### 编码：SHOPPING\_BUBBLES\_STYLE 待更新

待更新

#### 编码：SHOPPING\_CART\_SHOW 购物车展示

| **字段名称** | **参数类型** | **说明** |
| --- | --- | --- |
| cmd | String | 命令类型：SHOPPING\_CART\_SHOW |
| **data** | **Object** | 数据体 |
| **data 数据体字段明细** | | |
| status | int | 状态 |

|  |
| --- |
| {  "cmd": "SHOPPING\_CART\_SHOW",  "data": {  "status": 2  }  } |

#### 编码：SHOPPING\_EXPLAIN\_CARD 待更新

待更新

#### 编码：SPECIAL\_GIFT 待更新

待更新

#### 编码：STOP\_LIVE\_ROOM\_LIST 停播直播房间号列表

| **字段名称** | **参数类型** | **说明** |
| --- | --- | --- |
| cmd | String | 命令类型：STOP\_LIVE\_ROOM\_LIST |
| **data** | **Object** | 数据体 |
| **data 数据体字段明细** | | |
| **room\_id\_list** | **int[]** | 停播直播房间号列表 |
| **room\_id\_list[n] 数据体字段明细** | | |
| **0** | **int** | 直播房间号ID |

|  |
| --- |
| {  "cmd": "STOP\_LIVE\_ROOM\_LIST",  "data": {  "room\_id\_list": [  1785600355,  1785605310,  1803294497,  1804464371,  1852509899,  1931559158,  1931559999,  32365420,  32708615,  1931550662,  25966696,  1758156337,  1836261572,  1841616042,  1868170499,  1996444673,  23357616,  26167336,  27271416,  31316006,  31741553,  32348654,  1757321853,  1757323335,  1823597812,  1841610352,  1841615279,  1951544604,  23813126,  26759933,  30277612,  30438370,  12581801,  14759382,  1878681303,  21761012,  23467069,  30775782,  32433196,  671200,  1817865061,  1883351977,  5654518,  1841952333,  1996443066,  22360957,  2942580,  31971157,  32424507,  11136119,  25607627,  30957181,  13467529,  1815225465,  1843662919,  1874736291,  1996442548,  23731266,  30542323,  31454871,  32502351,  32694336,  1823591032,  22532722,  26384443,  27843397,  30272003,  3349772,  2008273,  9139208,  1828273284,  1931557987,  22338900,  26107481,  27582768,  4240231,  21888953,  24878592,  31007185,  3311156,  6830884,  13339,  1996447494,  26691380,  27923466,  526214,  1790374463,  2064390,  23028745,  23629088,  26289679,  31843629,  4327029,  8494976,  1823596098,  1856396575,  30238315,  355884,  426596,  6639818,  13976086,  1811404469,  30948782,  31461629,  32578927,  32658999,  1878680464,  21966461,  22551267,  23312629,  27841641,  32724508,  523308,  1758159867,  1811408848,  1996448684,  24374757,  31220204,  9390709,  10119270,  31809298,  546557,  8331156,  30965264,  918641,  2302664,  26996093,  27521218,  6918527,  12830964,  1790379716,  1823594233,  23438385,  30924490,  32130300,  32510922,  1878681703,  21047785,  25774816,  26115851,  30495255,  4083130,  8598692,  1962487633,  23440752,  24278130,  24929832,  31004179,  5866899,  1874730782,  31699486,  3858956,  7760547,  1079915,  1708050280,  27655976,  13614401,  1917147681,  26081419,  10360699,  1763578425,  1852509964,  21734,  23513218,  26406170,  26918528,  2802897,  31039467  ]  }  } |

#### 编码：SUPER\_CHAT\_ENTRANCE 醒目留言入场

| **字段名称** | **参数类型** | **说明** |
| --- | --- | --- |
| cmd | String | 命令类型：SUPER\_CHAT\_ENTRANCE |
| **data** | **Object** | 数据体 |
| roomid | String | 直播房间号ID |
| **data 数据体字段明细** | | |
| status | int | 状态 |
| jump\_url | String | 跳转地址（路径） |
| icon | String | 图标地址（路径） |
| broadcast\_type | int | 广播类型 |

|  |
| --- |
| {  "cmd": "SUPER\_CHAT\_ENTRANCE",  "data": {  "status": 1,  "jump\_url": "https://live.bilibili.com/p/html/live-app-superchat2/index.html?is\_live\_half\_webview=1&hybrid\_half\_ui=1,3,100p,70p,ffffff,0,30,100;2,2,375,100p,ffffff,0,30,100;3,3,100p,70p,ffffff,0,30,100;4,2,375,100p,ffffff,0,30,100;5,3,100p,60p,ffffff,0,30,100;6,3,100p,60p,ffffff,0,30,100;7,3,100p,60p,ffffff,0,30,100",  "icon": "https://i0.hdslb.com/bfs/live/0a9ebd72c76e9cbede9547386dd453475d4af6fe.png",  "broadcast\_type": 1  },  "roomid": "26919"  } |

#### 编码：SUPER\_CHAT\_MESSAGE 醒目留言

| **字段名称** | **参数类型** | **说明** |
| --- | --- | --- |
| cmd | String | 命令类型：SUPER\_CHAT\_MESSAGE |
| **data** | **Object** | 数据体 |
| is\_report | boolean | 是否报告 |
| msg\_id | String | 消息标识ID |
| p\_is\_ack | boolean | 状态确认 |
| p\_msg\_type | int | 消息类型 |
| send\_time | int | 发送时间，时间戳（13位） |
| **data 数据体字段明细** | | |
| status | int | 状态 |
| jump\_url | String | 跳转地址（路径） |
| icon | String | 图标地址（路径） |
| broadcast\_type | int | 广播类型 |
| **data 数据体字段明细** | | |
| background\_bottom\_color | String | 背景颜色底部 |
| background\_color | String | 背景颜色 |
| background\_color\_end | String | 背景颜色结束 |
| background\_color\_start | String | 背景颜色开始 |
| background\_icon | String | 背景颜色图标（路径） |
| background\_image | String | 背景颜色图片（路径） |
| background\_price\_color | String | 背景颜色金额 |
| color\_point | int | 色点 |
| dmscore | int | 弹幕分 |
| end\_time | int | 结束时间，时间戳（10位） |
| **gift** | **Object** | 礼物信息 |
| **group\_medal** | **Object** | 待确认 |
| id | int | 标识ID |
| is\_mystery | boolean | 待确认 |
| is\_ranked | int | 是否排名 |
| is\_send\_audit | int | 是否送审 |
| **medal\_info** | **Object** | 粉丝牌信息 |
| message | String | 醒目留言 |
| message\_font\_color | String | 醒目留言字体颜色 |
| message\_trans | String | 醒目留言反式 |
| price | int | 醒目留言金额 |
| rate | int | 比率 |
| start\_time | int | 开始时间，时间戳（10位） |
| time | int | 持续时间 |
| token | String | 通行证 |
| trans\_mark | int | 转标记 |
| ts | int | 时间戳（10位） |
| uid | int | 醒目留言用户UID |
| **uinfo** | **Object** | 醒目留言用户信息（详细） |
| **user\_info** | **Object** | 醒目留言用户信息（简单） |
| **gift 数据体字段明细** | | |
| gift\_id | int | 礼物标识ID |
| gift\_name | String | 礼物名称 |
| num | int | 礼物数目 |
| **group\_medal 数据体字段明细** | | |
| is\_lighted | int | 是否点亮 |
| medal\_id | int | 待确认 |
| name | String | 名称 |
| **medal\_info 数据体字段明细** | | |
| anchor\_roomid | int | 粉丝牌所属主播直播房间号 |
| anchor\_uname | String | 粉丝牌所属主播名 |
| guard\_level | int | 荣耀等级 |
| icon\_id | int | 粉丝牌图标标识 |
| is\_lighted | int | 粉丝牌是否点亮 |
| medal\_color | String | 粉丝牌颜色 |
| medal\_color\_border | int | 粉丝牌边框颜色 |
| medal\_color\_end | int | 粉丝牌颜色结束 |
| medal\_color\_start | int | 粉丝牌颜色开始 |
| medal\_level | int | 粉丝牌等级 |
| medal\_name | String | 粉丝牌名称 |
| special | String | 待确认 |
| target\_id | int | 粉丝牌所属主播UID |
| **uinfo 数据体字段明细** | | |
| uid | int | 待确认 |
| **base** | **Object** | 醒目留言用户信息 |
| **medal** | **Object** | 醒目留言用户佩戴粉丝牌信息 |
| **wealth** | **Object** | 待确认 |
| title | UN Known | 待确认 |
| **guard** | **Object** | 待确认 |
| uhead\_frame | UN Known | 待确认 |
| guard\_leader | UN Known | 待确认 |
| **base 数据体字段明细** | | |
| face | String | 弹幕用户头像地址 |
| is\_mystery | boolean | 待确认 |
| name | String | 弹幕用户名 |
| name\_color | int | 弹幕用户名颜色 |
| name\_color\_str | String | 弹幕用户名颜色 |
| **official\_info** | **Object** | 弹幕认证信息 |
| **origin\_info** | **Object** | 弹幕用户名&用户头像信息 |
| **risk\_ctrl\_info** | **Object** | 待确认 |
| **official\_info 数据体字段明细** | | |
| desc | String | 描述 |
| role | int | 醒目留言用户角色 |
| title | String | 醒目留言用户头衔 |
| type | int | 类型 |
| **origin\_info 数据体字段明细** | | |
| face | String | 醒目留言用户头像地址 |
| name | String | 醒目留言用户名 |
| **risk\_ctrl\_info 数据体字段明细** | | |
| face | String | 醒目留言用户头像地址 |
| name | String | 醒目留言用户名 |
| **medal 数据体字段明细** | | |
| name | String | 粉丝牌名称 |
| level | int | 粉丝牌等级 |
| color\_end | int | 粉丝牌颜色开始 |
| color\_start | int | 粉丝牌颜色结束 |
| color\_border | int | 粉丝牌边框颜色 |
| color | int | 粉丝牌颜色 |
| id | int | 待确认 |
| typ | int | 待确认 |
| is\_light | int | 粉丝牌点亮状态 |
| ruid | int | 粉丝牌所属主播UID |
| guard\_level | int | 待确认 |
| score | int | 粉丝牌分值 |
| guard\_icon | String | 舰长图标（路径） |
| honor\_icon | String | 待确认 |
| v2\_medal\_color\_start | String | V2粉丝牌颜色开始 |
| v2\_medal\_color\_end | String | V2粉丝牌颜色结束 |
| v2\_medal\_color\_border | String | V2粉丝牌边框颜色 |
| v2\_medal\_color\_text | String | V2粉丝牌文本颜色 |
| v2\_medal\_color\_level | String | V2粉丝牌等级颜色 |
| user\_receive\_count | int | 待确认 |
| **wealth 数据体字段明细** | | |
| level | int | 等级 |
| dm\_icon\_key | String | 弹幕图标字典值 |
| **guard 数据体字段明细** | | |
| level | int | 等级 |
| expired\_str | String | 过期时间 |
| **user\_info 数据体字段明细** | | |
| face | String | 醒目留言用户头像（路径） |
| face\_frame | String | 醒目留言用户头像帧 |
| guard\_level | int | 醒目留言用户荣耀等级 |
| is\_main\_vip | int | 醒目留言用户是否主站VIP |
| is\_svip | int | 醒目留言用户是否SVIP |
| is\_vip | int | 醒目留言用户是否VIP |
| level\_color | String | 醒目留言用户等级颜色 |
| manager | int | 待确认 |
| name\_color | String | 醒目留言用户名颜色 |
| title | String | 待确认 |
| uname | String | 醒目留言用户名 |
| user\_level | int | 醒目留言用户等级 |

|  |
| --- |
| {  "cmd": "SUPER\_CHAT\_MESSAGE",  "data": {  "background\_bottom\_color": "#2A60B2",  "background\_color": "#EDF5FF",  "background\_color\_end": "#405D85",  "background\_color\_start": "#3171D2",  "background\_icon": "",  "background\_image": "",  "background\_price\_color": "#7497CD",  "color\_point": 0.7,  "dmscore": 280,  "end\_time": 1722499438,  "gift": {  "gift\_id": 12000,  "gift\_name": "醒目留言",  "num": 1  },  "group\_medal": {  "is\_lighted": 0,  "medal\_id": 0,  "name": ""  },  "id": 10208779,  "is\_mystery": false,  "is\_ranked": 0,  "is\_send\_audit": 0,  "medal\_info": {  "anchor\_roomid": 24160384,  "anchor\_uname": "夜莲Annbbers",  "guard\_level": 0,  "icon\_id": 0,  "is\_lighted": 0,  "medal\_color": "#be6686",  "medal\_color\_border": 12632256,  "medal\_color\_end": 12632256,  "medal\_color\_start": 12632256,  "medal\_level": 15,  "medal\_name": "莲宝p",  "special": "",  "target\_id": 1629467333  },  "message": "莲子我刚刚听你爱情故事听哭了你能安慰我一下吗",  "message\_font\_color": "#A3F6FF",  "message\_trans": "",  "price": 30,  "rate": 1000,  "start\_time": 1722499378,  "time": 60,  "token": "98E06A19",  "trans\_mark": 0,  "ts": 1722499378,  "uid": 280295837,  "uinfo": {  "base": {  "face": "http://i2.hdslb.com/bfs/face/0ed71c8d730bda071b8a66466341f1d59dae592e.jpg",  "is\_mystery": false,  "name": "沉没之城的漂浮之人",  "name\_color": 0,  "name\_color\_str": "#666666",  "official\_info": {  "desc": "",  "role": 0,  "title": "",  "type": -1  },  "origin\_info": {  "face": "http://i2.hdslb.com/bfs/face/0ed71c8d730bda071b8a66466341f1d59dae592e.jpg",  "name": "沉没之城的漂浮之人"  },  "risk\_ctrl\_info": null  },  "guard": {  "expired\_str": "",  "level": 0  },  "guard\_leader": null,  "medal": {  "color": 12478086,  "color\_border": 12632256,  "color\_end": 12632256,  "color\_start": 12632256,  "guard\_icon": "",  "guard\_level": 0,  "honor\_icon": "",  "id": 0,  "is\_light": 0,  "level": 15,  "name": "莲宝p",  "ruid": 1629467333,  "score": 94100,  "typ": 0,  "user\_receive\_count": 0,  "v2\_medal\_color\_border": "#919298CC",  "v2\_medal\_color\_end": "#919298CC",  "v2\_medal\_color\_level": "#6C6C7299",  "v2\_medal\_color\_start": "#919298CC",  "v2\_medal\_color\_text": "#FFFFFFFF"  },  "title": {  "old\_title\_css\_id": "",  "title\_css\_id": ""  },  "uhead\_frame": null,  "uid": 280295837,  "wealth": null  },  "user\_info": {  "face": "http://i2.hdslb.com/bfs/face/0ed71c8d730bda071b8a66466341f1d59dae592e.jpg",  "face\_frame": "",  "guard\_level": 0,  "is\_main\_vip": 1,  "is\_svip": 0,  "is\_vip": 0,  "level\_color": "#969696",  "manager": 0,  "name\_color": "#666666",  "title": "",  "uname": "沉没之城的漂浮之人",  "user\_level": 5  }  },  "is\_report": true,  "msg\_id": "17797217356642816:100:1000",  "p\_is\_ack": true,  "p\_msg\_type": 1,  "send\_time": 1722499378193  } |

#### 编码：SUPER\_CHAT\_MESSAGE\_DELETE 醒目留言删除

| **字段名称** | **参数类型** | **说明** |
| --- | --- | --- |
| cmd | String | 命令类型：SUPER\_CHAT\_MESSAGE\_DELETE |
| **data** | **Object** | 数据体 |
| room\_id | int | 直播房间号ID |
| **data 数据体字段明细** | | |
| ids | int[] | 醒目留言标识ID |
| **ids[n] 数据体字段明细** | | |
| 0 | int | 醒目留言标识ID |

|  |
| --- |
| {  "cmd": "SUPER\_CHAT\_MESSAGE\_DELETE",  "data": {  "ids": [  10250454  ]  },  "roomid": 24160384  } |

#### 编码：SUPER\_CHAT\_MESSAGE\_JPN 醒目留言（日文）

| **字段名称** | **参数类型** | **说明** |
| --- | --- | --- |
| cmd | String | 命令类型：SUPER\_CHAT\_MESSAGE\_JPN |
| **data** | **Object** | 数据体 |
| roomid | String | 直播房间号ID |
| **data 数据体字段明细** | | |
| id | String | 醒目留言标识ID |
| uid | String | 醒目留言用户UID |
| price | int | 醒目留言金额 |
| rate | int | 比率 |
| message | String | 醒目留言 |
| message\_jpn | String | 醒目留言（日文） |
| is\_ranked | int | 是否排名 |
| background\_image | String | 醒目留言背景图片（路径） |
| background\_color | String | 醒目留言背景颜色 |
| background\_icon | String | 醒目留言图标（路径） |
| background\_price\_color | String | 醒目留言金额颜色 |
| background\_bottom\_color | String | 醒目留言底部颜色 |
| ts | int | 时间戳（10位） |
| token | String | 通行证 |
| **medal\_info** | **Object** | 粉丝牌信息 |
| **user\_info** | **Object** | 醒目留言用户信息（简单） |
| time | int | 醒目留言持续时间 |
| start\_time | int | 醒目留言开始时间，时间戳（10位） |
| end\_time | int | 醒目留言结束时间，时间戳（10位） |
| **gift** | **Object** | 礼物信息 |
| **group\_medal** | **Object** | 待确认 |
| is\_mystery | boolean | 待确认 |
| **uinfo** | **Object** | 醒目留言用户信息（详细） |
| **medal\_info 数据体字段明细** | | |
| icon\_id | int | 粉丝牌图标标识 |
| target\_id | int | 粉丝牌所属主播UID |
| special | String | 待确认 |
| anchor\_uname | String | 粉丝牌所属主播名 |
| anchor\_roomid | int | 粉丝牌所属主播直播房间号 |
| medal\_level | int | 粉丝牌等级 |
| medal\_name | String | 粉丝牌名称 |
| medal\_color | String | 粉丝牌颜色 |
| **user\_info 数据体字段明细** | | |
| uname | String | 醒目留言用户名 |
| face | String | 醒目留言用户头像（路径） |
| face\_frame | String | 醒目留言用户头像帧 |
| guard\_level | int | 醒目留言用户荣耀等级 |
| user\_level | int | 醒目留言用户等级 |
| level\_color | String | 醒目留言用户等级颜色 |
| is\_vip | int | 醒目留言用户是否VIP |
| is\_svip | int | 醒目留言用户是否SVIP |
| is\_main\_vip | int | 醒目留言用户是否主站VIP |
| title | String | 待确认 |
| manager | int | 待确认 |
| **gift 数据体字段明细** | | |
| num | int | 礼物数目 |
| gift\_id | int | 礼物标识ID |
| gift\_name | String | 礼物名称 |
| **uinfo 数据体字段明细** | | |
| **base** | **Object** | 醒目留言用户信息 |
| **base 数据体字段明细** | | |
| is\_mystery | boolean | 待确认 |
| name | String | 醒目留言用户名 |
| face | String | 醒目留言用户头像地址 |

|  |
| --- |
| {  "cmd": "SUPER\_CHAT\_MESSAGE\_JPN",  "data": {  "id": "10808849",  "uid": "24816063",  "price": 30,  "rate": 1000,  "message": "莎，这都快两周了，是不是有啥东西没发呢（）",  "message\_jpn": "サ、これで2週間近くになりますが、何かが出ていないのではないでしょうか()",  "is\_ranked": 0,  "background\_image": "",  "background\_color": "#EDF5FF",  "background\_icon": "",  "background\_price\_color": "#7497CD",  "background\_bottom\_color": "#2A60B2",  "ts": 1729840537,  "token": "688BEB6D",  "medal\_info": {  "icon\_id": 0,  "target\_id": 0,  "special": "",  "anchor\_uname": "",  "anchor\_roomid": 0,  "medal\_level": 1,  "medal\_name": "粉丝勋章",  "medal\_color": "#61c05a"  },  "user\_info": {  "uname": "縶給闦蘉鸀鱍鞝繝礃",  "face": "https://i0.hdslb.com/bfs/face/9cf4fec887a32df91f22d56e7aa2cc151f336566.jpg",  "face\_frame": "https://i0.hdslb.com/bfs/live/80f732943cc3367029df65e267960d56736a82ee.png",  "guard\_level": 3,  "user\_level": 31,  "level\_color": "#a068f1",  "is\_vip": 0,  "is\_svip": 0,  "is\_main\_vip": 1,  "title": "0",  "manager": 0  },  "time": 58,  "start\_time": 1729840536,  "end\_time": 1729840596,  "gift": {  "num": 1,  "gift\_id": 12000,  "gift\_name": "醒目留言"  },  "group\_medal": null,  "is\_mystery": false,  "uinfo": {  "base": {  "is\_mystery": false,  "uname": "縶給闦蘉鸀鱍鞝繝礃",  "face": "https://i0.hdslb.com/bfs/face/9cf4fec887a32df91f22d56e7aa2cc151f336566.jpg"  }  }  },  "roomid": "81004"  } |

#### 编码：SYS\_MSG 系统消息

| **字段名称** | **参数类型** | **说明** |
| --- | --- | --- |
| cmd | String | 命令类型：SYS\_MSG |
| msg | int | 系统消息 |
| url | String | 地址（路径） |

|  |
| --- |
| {  "cmd": "SYS\_MSG",  "msg": "争夺开启，时间周五20点至周日20点，逾期不候哟！",  "url": ""  } |

#### 编码：TRADING\_SCORE 交易评分

| **字段名称** | **参数类型** | **说明** |
| --- | --- | --- |
| cmd | String | 命令类型：TRADING\_SCORE |
| **data** | **Object** | 数据体 |
| **data 数据体字段明细** | | |
| bubble\_show\_time | int | 气泡展示时间 |
| num | int | 数目 |
| score\_id | int | 评分标识ID |
| uid | int | 用户UID |
| update\_time | int | 更新时间，时间戳（10位） |
| update\_type | int | 更新类型 |

|  |
| --- |
| {  "cmd": "TRADING\_SCORE",  "data": {  "bubble\_show\_time": 3,  "num": 1,  "score\_id": 3,  "uid": 1807366874,  "update\_time": 1730186049,  "update\_type": 1  }  } |

#### 编码：USER\_TOAST\_MSG 用户提示消息

| **字段名称** | **参数类型** | **说明** |
| --- | --- | --- |
| cmd | String | 命令类型：USER\_TOAST\_MSG |
| **data** | **Object** | 数据体 |
| msg\_id | String | 消息标识ID |
| p\_is\_ack | int | 状态确认 |
| p\_msg\_type | int | 消息类型 |
| send\_time | int | 发送时间，时间戳（13位） |
| **data 数据体字段明细** | | |
| anchor\_show | boolean | 待确认 |
| color | String | 颜色 |
| dmscore | int | 弹幕分 |
| end\_time | int | 结束时间，时间戳（10位） |
| face\_effect\_id | int | 头像影响标识ID |
| gift\_id | int | 礼物标识ID |
| group\_name | String | 分组名称 |
| group\_op\_type | int | 分组类型 |
| group\_role\_name | String | 角色分组名称 |
| guard\_level | int | 荣耀等级 |
| is\_group | int | 是否分组 |
| is\_show | int | 是否展示 |
| num | int | 数量 |
| op\_type | int | 类型 |
| payflow\_id | String | 交易流标识ID |
| price | int | 价格 |
| role\_name | String | 角色名称 |
| room\_effect\_id | int | 房间影响标识ID |
| room\_gift\_effect\_id | int | 房间礼物影响标识ID |
| room\_group\_effect\_id | int | 房间分组影响标识ID |
| source | int | 来源 |
| start\_time | int | 开始时间，时间戳（10位） |
| svga\_block | int | 待确认 |
| target\_guard\_count | int | 目标荣耀计数 |
| toast\_msg | String | 提示消息 |
| uid | int | 用户UID |
| unit | String | 单位 |
| user\_show | boolean | 用户是否展示 |
| username | String | 用户名 |

|  |
| --- |
| {  "cmd": "USER\_TOAST\_MSG",  "data": {  "anchor\_show": true,  "color": "#00D1F1",  "dmscore": 102,  "effect\_id": 397,  "end\_time": 1722499367,  "face\_effect\_id": 44,  "gift\_id": 10003,  "group\_name": "",  "group\_op\_type": 0,  "group\_role\_name": "",  "guard\_level": 3,  "is\_group": 0,  "is\_show": 0,  "num": 1,  "op\_type": 1,  "payflow\_id": "2408011602473632157116621",  "price": 138000,  "role\_name": "舰长",  "room\_effect\_id": 590,  "room\_gift\_effect\_id": 0,  "room\_group\_effect\_id": 1337,  "source": 0,  "start\_time": 1722499367,  "svga\_block": 0,  "target\_guard\_count": 290,  "toast\_msg": "<%乂三金%> 在主播夜莲Annbbers的直播间开通了舰长，今天是TA陪伴主播的第1天",  "uid": 415315711,  "unit": "月",  "user\_show": true,  "username": "乂三金"  },  "msg\_id": "17797211702172161:100:1000",  "p\_is\_ack": true,  "p\_msg\_type": 1,  "send\_time": 1722499367408  } |

#### 编码：USER\_TOAST\_MSG\_V2 用户提示消息V2

| **字段名称** | **参数类型** | **说明** |
| --- | --- | --- |
| cmd | String | 命令类型：USER\_TOAST\_MSG\_V2 |
| **data** | **Object** | 数据体 |
| **data 数据体字段明细** | | |
| dmscore | int | 弹幕分 |
| **effect\_info** | **Object** | 影响信息 |
| **gift\_info** | **Object** | 礼物信息 |
| group\_guard\_info | UN Known | 待确认 |
| **guard\_info** | **Object** | 荣耀信息 |
| **option** | **Object** | 选项 |
| **pay\_info** | **Object** | 支付信息 |
| **receiver\_uinfo** | **Object** | 接收用户信息 |
| **sender\_uinfo** | **Object** | 礼物投喂用户信息 |
| toast\_msg | String | 提示消息 |
| **effect\_info 数据体字段明细** | | |
| effect\_id | int | 影响标识ID |
| face\_effect\_id | int | 头像影响标识ID |
| room\_effect\_id | int | 房间影响标识ID |
| room\_gift\_effect\_id | int | 房间礼物影响标识ID |
| room\_group\_effect\_id | int | 房间分组影响标识ID |
| **gift\_info 数据体字段明细** | | |
| gift\_id | int | 礼物标识ID |
| **guard\_info 数据体字段明细** | | |
| end\_time | int | 结束时间，时间戳（10位） |
| guard\_level | int | 荣耀等级 |
| op\_type | int | 类型 |
| role\_name | String | 角色名 |
| room\_guard\_count | int | 房间荣耀计数 |
| start\_time | int | 开始时间，时间戳（10位） |
| **option 数据体字段明细** | | |
| anchor\_show | boolean | 待确认 |
| color | String | 颜色 |
| is\_group | int | 是否分组 |
| is\_show | int | 是否展示 |
| source | int | 来源 |
| svga\_block | int | 待确认 |
| user\_show | boolean | 用户展示 |
| **pay\_info 数据体字段明细** | | |
| num | int | 数量 |
| payflow\_id | String | 支付流标识ID |
| price | int | 金额 |
| unit | String | 单位 |
| **receiver\_uinfo 数据体字段明细** | | |
| **base** | **Object** | 接收礼物用户信息 |
| uid | int | 接收礼物用户UID |
| **base 数据体字段明细** | | |
| face | String | 用户头像地址 |
| name | String | 用户名 |
| **sender\_uinfo 数据体字段明细** | | |
| **base** | **Object** | 投喂礼物用户信息 |
| uid | int | 投喂礼物用户UID |
| **base 数据体字段明细** | | |
| face | String | 用户头像地址 |
| name | String | 用户名 |

|  |
| --- |
| {  "cmd": "USER\_TOAST\_MSG\_V2",  "data": {  "dmscore": 24,  "effect\_info": {  "effect\_id": 397,  "face\_effect\_id": 44,  "room\_effect\_id": 590,  "room\_gift\_effect\_id": 0,  "room\_group\_effect\_id": 1337  },  "gift\_info": {  "gift\_id": 10003  },  "group\_guard\_info": null,  "guard\_info": {  "end\_time": 1722503296,  "guard\_level": 3,  "op\_type": 1,  "role\_name": "舰长",  "room\_guard\_count": 309,  "start\_time": 1722503296  },  "option": {  "anchor\_show": true,  "color": "#00D1F1",  "is\_group": 0,  "is\_show": 0,  "source": 0,  "svga\_block": 0,  "user\_show": true  },  "pay\_info": {  "num": 1,  "payflow\_id": "2408011708017642130727667",  "price": 138000,  "unit": "月"  },  "receiver\_uinfo": {  "base": {  "face": "https://i2.hdslb.com/bfs/face/a20ae17bc93de9a31480d8004b422659a052178a.jpg",  "name": "夜莲Annbbers"  },  "uid": 1629467333  },  "sender\_uinfo": {  "base": {  "face": "",  "name": "不太爱摆烂"  },  "uid": 23293072  },  "toast\_msg": "<%不太爱摆烂%> 在主播夜莲Annbbers的直播间开通了舰长，今天是TA陪伴主播的第1天"  }  } |

#### 编码：VIDEO\_CONNECTION\_JOIN\_END 视频连线结束

待更新

#### 编码：VIDEO\_CONNECTION\_MSG 视频连线消息

待更新

#### 编码：VOICE\_CHAT\_UPDATE 待更新

待更新

#### 编码：VOICE\_JOIN\_LIST 直播间连麦加入列表

| **字段名称** | **参数类型** | **说明** |
| --- | --- | --- |
| cmd | String | 命令类型：VOICE\_JOIN\_LIST |
| **data** | **Object** | 数据体 |
| msg\_id | String | 消息标识ID |
| p\_is\_ack | boolean | 状态确认 |
| p\_msg\_type | int | 消息类型 |
| room\_id | int | 直播房间号ID |
| send\_time | int | 发送时间 |
| **data 数据体字段明细** | | |
| apply\_count | int | 申请数 |
| category | int | 类目 |
| cmd | String | 待确认 |
| red\_point | int | 红点 |
| refresh | int | 刷新 |
| room\_id | int | 直播房间号ID |

|  |
| --- |
| {  "cmd": "VOICE\_JOIN\_LIST",  "data": {  "apply\_count": 1,  "category": 1,  "cmd": "",  "red\_point": 1,  "refresh": 1,  "room\_id": 30627986  },  "msg\_id": "21953381380669952:1000:1000",  "p\_is\_ack": true,  "p\_msg\_type": 1,  "room\_id": 30627986,  "send\_time": 1730426631962  } |

#### 编码：VOICE\_JOIN\_ROOM\_COUNT\_INFO 直播间连麦加入计数

| **字段名称** | **参数类型** | **说明** |
| --- | --- | --- |
| cmd | String | 命令类型：VOICE\_JOIN\_LIST |
| **data** | **Object** | 数据体 |
| msg\_id | String | 消息标识ID |
| p\_is\_ack | boolean | 状态确认 |
| p\_msg\_type | int | 消息类型 |
| room\_id | int | 直播房间号ID |
| send\_time | int | 发送时间 |
| **data 数据体字段明细** | | |
| apply\_count | int | 申请数 |
| cmd | String | 待确认 |
| notify\_count | int | 通知计数 |
| red\_point | int | 红点 |
| room\_id | int | 直播房间号ID |
| room\_status | int | 直播间状态 |
| root\_status | int | 根状态 |

|  |
| --- |
| {  "cmd": "VOICE\_JOIN\_ROOM\_COUNT\_INFO",  "data": {  "apply\_count": 1,  "cmd": "",  "notify\_count": 0,  "red\_point": 1,  "room\_id": 30627986,  "room\_status": 1,  "root\_status": 1  },  "msg\_id": "21953381384336384:1000:1000",  "p\_is\_ack": true,  "p\_msg\_type": 1,  "room\_id": 30627986,  "send\_time": 1730426631969  } |

#### 编码：VOICE\_JOIN\_STATUS 直播间连麦加入状态

| **字段名称** | **参数类型** | **说明** |
| --- | --- | --- |
| cmd | String | 命令类型：VOICE\_JOIN\_STATUS |
| **data** | **Object** | 数据体 |
| msg\_id | String | 消息标识ID |
| p\_is\_ack | boolean | 状态确认 |
| p\_msg\_type | int | 消息类型 |
| room\_id | int | 直播房间号ID |
| send\_time | int | 发送时间 |
| **data 数据体字段明细** | | |
| channel | String | 频道 |
| channel\_type | String | 频道类型 |
| current\_time | int | 当前时间，时间戳（10位） |
| guard | int | 荣耀 |
| head\_pic | String | 头像图片（路径） |
| is\_mystery | boolean | 待确认 |
| room\_id | int | 直播房间号ID |
| start\_at | int | 开始时间，时间戳（10位） |
| status | int | 状态 |
| uid | int | 连麦观众用户UID |
| uinfo | UN Known | 待确认 |
| user\_name | String | 连麦观众用户名 |
| web\_share\_link | String | 页面分享链接（路径） |

|  |
| --- |
| {  "cmd": "VOICE\_JOIN\_STATUS",  "data": {  "channel": "35959186",  "channel\_type": "voice",  "current\_time": 1730426723,  "guard": 0,  "head\_pic": "https://i1.hdslb.com/bfs/face/caa2e38253323c32f4bc1ab251cee84add42241f.jpg",  "is\_mystery": false,  "room\_id": 30627986,  "start\_at": 1730426723,  "status": 1,  "uid": 336717988,  "uinfo": null,  "user\_name": "自為風月馬前卒",  "web\_share\_link": "https://live.bilibili.com/h5/30627986"  },  "msg\_id": "21953429251822080:1000:1000",  "p\_is\_ack": true,  "p\_msg\_type": 1,  "room\_id": 30627986,  "send\_time": 1730426723269  } |

#### 编码：VOICE\_JOIN\_SWITCH 连麦切换

待更新

#### 编码：WARNING 待更新

待更新

#### 编码：WATCHED\_CHANGE 直播间观看人数更新

| **字段名称** | **参数类型** | **说明** |
| --- | --- | --- |
| cmd | String | 命令类型：WATCHED\_CHANGE |
| **data** | **Object** | 数据体 |
| **data 数据体字段明细** | | |
| num | int | 观看人数 |
| text\_small | String | 观看人数小文本 |
| text\_large | String | 观看人数大文本 |

|  |
| --- |
| {  "cmd": "WATCHED\_CHANGE",  "data": {  "num": 44122,  "text\_small": "4.4万",  "text\_large": "4.4万人看过"  }  } |

#### 编码：WELCOME 欢迎加入房间

待更新

#### 编码：WELCOME\_GUARD 欢迎荣耀舰长加入直播间

待更新

#### 编码：WIDGET\_BANNER 海报组件

| **字段名称** | **参数类型** | **说明** |
| --- | --- | --- |
| cmd | String | 命令类型：WIDGET\_BANNER |
| **data** | **Object** | 数据体 |
| **data 数据体字段明细** | | |
| timestamp | int | 时间戳（10位） |
| **widget\_list** | **Object** | 组件列表 |
| **widget\_list 数据体字段明细** | | |
| 1078 | UN Known | 待确认 |

|  |
| --- |
| {  "cmd": "WIDGET\_BANNER",  "data": {  "timestamp": 1722510005,  "widget\_list": {  "1078": null  }  }  } |

#### 编码：WIDGET\_GIFT\_STAR\_PROCESS 礼物组件处理开始

| **字段名称** | **参数类型** | **说明** |
| --- | --- | --- |
| cmd | String | 命令类型：WIDGET\_GIFT\_STAR\_PROCESS |
| **data** | **Object** | 数据体 |
| **data 数据体字段明细** | | |
| start\_date | int | 开始日期 |
| **process\_list** | **Object[]** | 处理列表 |
| finished | boolean | 完成状态 |
| ddl\_timestamp | int | 时间戳（10位） |
| version | int | 版本 |
| reward\_gift | int | 奖励礼物 |
| reward\_gift\_img | String | 奖励礼物图片（路径） |
| reward\_gift\_name | String | 奖励礼物名 |
| **level\_info** | **Object** | 等级信息 |
| **process\_list[n] 数据体字段明细** | | |
| gift\_id | int | 礼物标识ID |
| gift\_img | String | 礼物图片（路径） |
| gift\_name | String | 礼物名称 |
| completed\_num | int | 完成数目 |
| target\_num | int | 目标数目 |
| **level\_info 数据体字段明细** | | |
| star\_name | String | 星名 |
| level\_tip | String | 等级提示 |
| level\_img | String | 等级图片（路径） |
| level\_id | int | 等级标识ID |

|  |
| --- |
| {  "cmd": "WIDGET\_GIFT\_STAR\_PROCESS",  "data": {  "start\_date": 20240729,  "process\_list": [  {  "gift\_id": 32609,  "gift\_img": "https://s1.hdslb.com/bfs/live/15313516b3ec0875d67130f18c0a53c582e76531.png",  "gift\_name": "礼物星球",  "completed\_num": 10,  "target\_num": 30  },  {  "gift\_id": 30758,  "gift\_img": "https://s1.hdslb.com/bfs/live/3ddb10b055b9d1826829ec0fad93ab56484d4a90.png",  "gift\_name": "礼物星球",  "completed\_num": 1,  "target\_num": 10  },  {  "gift\_id": 34065,  "gift\_img": "https://s1.hdslb.com/bfs/live/d6525ee20a1fedd258f4e86684df5f8c748c1f0d.png",  "gift\_name": "礼物星球",  "completed\_num": 0,  "target\_num": 5  }  ],  "finished": false,  "ddl\_timestamp": 1722787200,  "version": 1722499521800,  "reward\_gift": 0,  "reward\_gift\_img": "https://i0.hdslb.com/bfs/live/52edb4ab7377ece34ac15b21154d13d188874b01.png",  "reward\_gift\_name": "礼物星球",  "level\_info": {  "star\_name": "礼物星球",  "level\_tip": "暂未达成",  "level\_img": "https://i0.hdslb.com/bfs/live/91292553d02aa10a133cdf6d8e579d8588e2067a.png",  "level\_id": 0  }  }  } |

#### 编码：WIDGET\_WISH\_INFO 待更新

待更新

#### 编码：WIN\_ACTIVITY 待更新

待更新

#### 编码：room\_admin\_entrance 待更新

待更新