DB设计

# Account库

## 匿名设备账户

|  |  |  |  |
| --- | --- | --- | --- |
| Anonymous\_device |  |  |  |
| Id | Int |  |  |
| Device\_id | Char(32) | 设备ID | MD5(Peerid) |
| Mac | Varchar(64) |  |  |
| Idfa | Varchar(64) |  |  |
| Platform | Varchar(128) |  | 设备平台与系统版本 |
| Invite\_code | Varchar(20) | 邀请码 |  |
| Activate\_time | Datetime | 设备激活时间 |  |
| Flag | Tinyint | 手机绑定标识 |  |
| Ts | Timestamp |  |  |
| PRIMARY KEY (id)  UNIQUE (device\_id) | | | |

## 用户设备

|  |  |  |  |
| --- | --- | --- | --- |
| User\_device |  |  |  |
| Id | Int |  |  |
| Userid | Int |  |  |
| Device\_id | Char(32) |  |  |
| Mac | Varchar(64) |  |  |
| Idfa | Varchar(64) |  |  |
| Platform | Varchar(128) | 设备平台与系统版本 |  |
| Invite\_code | Varchar(20) | 邀请码 |  |
| Userid | Int | 绑定的账户id |  |
| Activate\_time | Datetime | 激活时间 |  |
| Status | Tinyint |  |  |
| Ts | Timestamp |  |  |
| Primary key (id)  UNIQUE (device\_id)  INDEX (userid) | | | |

## 用户信息

|  |  |  |  |
| --- | --- | --- | --- |
| User\_info |  |  |  |
| Id | Int |  |  |
| Phone\_num | Char(20) | 手机号码 |  |
| Nickname | Varchar(64) | 昵称 |  |
| Passwd | Varchar(32) |  | 保留,暂时用不到 |
| Sex | Tinyint |  |  |
| Age | Tinyint |  |  |
| Interest | Text |  |  |
| Inviter | Varchar(20) |  | 邀请人 |
| Create\_time | Datetime | 创建时间 |  |
| Ts | Timestamp |  |  |
| PRIMARY KEY (id)  UNIQUE (phone\_num) | | | |

## 登陆历史

|  |  |  |  |
| --- | --- | --- | --- |
| User\_login\_history |  |  |  |
| Device\_id | Char(32) |  |  |
| Platform | Varchar(128) | 设备平台与系统版本 |  |
| Version | Varchar(64) | 产品类型与版本 |  |
| Userid | Int |  |  |
| Peerid | Varchar(32) |  |  |
| Network\_type | Tinyint | 网络类型 | Wifi/3G/2G |
| Network\_operator | Tinyint | 网络运营商 | 移动/联通/电信 |
| Login\_ip | Varchar(32) |  |  |
| Login\_time | Datetime |  |  |

# Task库

## 设备定向任务

|  |  |  |  |
| --- | --- | --- | --- |
| Task\_of\_device | | | |
| Id | Int |  |  |
| Device\_id | Char(32) |  |  |
| Task\_id | Int |  |  |
| Type | Tinyint |  |  |
| Status | Tinyint |  | 待处理/已完成/已过期 |
| Title | Varchar(255) |  |  |
| Intro | Varchar(255) |  |  |
| Icon | Varchar(255) |  |  |
| Money | Float |  |  |
| Insert\_time | Datetime |  |  |
| Expire\_time | Datetime | 任务过期时间 |  |
| Ts | Timestamp |  |  |

## 用户定向任务

|  |  |  |  |
| --- | --- | --- | --- |
| Task\_of\_user | | | |
| Id | Int |  |  |
| Userid | Int |  |  |
| Task\_id | Int |  |  |
| Task\_type | Smallint |  |  |
| Title | Varchar(255) |  |  |
| Intro | Varchar(255) |  |  |
|  |  |  |  |

## 已完成任务

|  |  |  |  |
| --- | --- | --- | --- |
| Task\_done |  |  |  |
| Id | Int |  |  |
| Device\_id | Char(32) |  |  |
| Task\_id | Int |  |  |
| Task\_type | Smallint |  |  |
| Title | Varchar(255) |  |  |
| Intro | Varchar(255) |  |  |
| Icon | Varchar(255) |  |  |
| Money | Int |  |  |
| Steps | Text | 任务步骤 | 以|分隔字符串 |
| Ts | Timestamp |  |  |

## 日常任务（目前主要用于每日签到）

|  |  |  |  |
| --- | --- | --- | --- |
| Task\_daily |  |  |  |
| Id | Int |  |  |
| Device\_id | Char(32) |  |  |
| Userid | Int |  |  |
| Task\_id | Int |  |  |
| Type | Int |  |  |
| Money | Int |  |  |
| Ts | Timestamp |  |  |

## 邀请任务

|  |  |  |  |
| --- | --- | --- | --- |
| Task\_invite |  |  |  |
| Id | Int |  |  |
| Device\_id | Char(32) |  |  |
| Userid | Int |  |  |
|  |  |  |  |
| Ts | Timestamp |  |  |

## 积分墙应用安装任务

|  |  |  |  |
| --- | --- | --- | --- |
| Task\_app |  |  |  |
| Id | Int |  |  |
| Appid | Varchar(64) |  | ?? |
| App\_name | Varchar(255) |  |  |
| Url | Text |  |  |
| Icon | Varchar(255) |  |  |
| Filesize | Bigint |  |  |
| Version | Varchar(64) |  |  |
| Screenshots | Text |  | 多条url以|分隔 |
| Intro | Text |  | 应用简介 |
| Last\_update | Datetime |  |  |
| Score |  |  |  |
| Download\_times | Int |  |  |
| Corp | Varchar(255) |  | 公司 |
| Site | Varchar(255) |  | 站点 |
| Contact | Varchar(255) |  |  |
| Task\_desc | Text |  |  |
| Ts | Timestamp |  |  |

## 任务基础属性

|  |  |  |  |
| --- | --- | --- | --- |
| Task\_base |  |  |  |
| Id | Int |  |  |
| Type | Tinyint |  |  |
| Status | Tinyint |  | 有效/无效 |
| Title | Varchar(255) |  |  |
| Intro | Varchar(255) |  |  |
| Icon | Varchar(255) |  |  |
| Money | Int |  |  |
| Insert\_time | Datetime |  |  |
| Ts | Timestamp |  |  |

# Billing库

|  |  |  |  |
| --- | --- | --- | --- |
| User\_transaction\_log |  |  |  |
| Userid | Int |  |  |
| Serial\_num | Char(n) |  |  |
| Operation | Smallint | 操作类型 |  |
| Amount | Float | 金额 |  |
| Remark | Text | 备注信息 |  |
| Ts | Datetime |  |  |

|  |  |  |  |
| --- | --- | --- | --- |
| Transaction |  |  |  |
| Id | Int |  |  |
| Serial\_num | Char(n) |  |  |
| Operation | Smallint | 操作类型 |  |
| Money | Float | 金额 |  |
| Status | Tinyint | 交易状态 |  |
| Remark | Text | 备注信息 |  |
| Ts | Timestamp |  |  |

# Stat库

# Admin库