15、数据库字段对应

## 1、主键对应

|  |  |  |
| --- | --- | --- |
| 主键Id | Long | bigint(20) |
| 字符串 | String | varcahr(20) |
| status(0,1,2,) | Integer | int(11) |
| 金额 | BigDecimal | decimal(19,2) ,保留2位小数 |
| 日期 | Date | timestamp NOT NULL DEFAULT CURRENT\_TIMESTAMP, (自动创建) |
|  |  | timestamp NOT NULL DEFAULT CURRENT\_TIMESTAMP ON UPDATE CURRENT\_TIMESTAMP,自动更新 |
|  | Date | datetime |

### 1、索引

@Entity  
@Table(name = "advertiser\_cash\_flow",  
 indexes = {@Index(name = "index\_userId",columnList = "userId")})  
public class AdvertiserCashFlow implements Serializable {

CREATE TABLE `advertiser\_cash\_flow` (

`id` bigint(20) NOT NULL AUTO\_INCREMENT,

`balance` decimal(19,2) DEFAULT NULL,

`cdate` timestamp NOT NULL DEFAULT CURRENT\_TIMESTAMP,

PRIMARY KEY (`id`),

KEY `index\_userId` (`userId`)

)

## 2、举例说明

@Id  
@GeneratedValue(strategy = GenerationType.***IDENTITY***)  
private Long id;  
  
private Long adminId; //创建者id  
  
private String userName ; //新客户名称【id】邮箱  
  
private BigDecimal balance; //老客户金额

private Integer auditStatus ; //审核状态 0 待审核 1 审核通过

@Temporal(TemporalType.***TIMESTAMP***)  
@Column(columnDefinition="TIMESTAMP DEFAULT CURRENT\_TIMESTAMP",insertable = true,updatable = false)  
private Date cdate;

private Date udate;

create table tableTest(

id BIGINT(20) not null auto\_increment,

adminId BIGINT(20) default null,

userName varchar(200) default null,

auditStatus int(11) DEFAULT NULL,

balance DECIMAL(19,2),

cdate timestamp NOT NULL DEFAULT CURRENT\_TIMESTAMP,

udate timestamp NOT NULL DEFAULT CURRENT\_TIMESTAMP ON UPDATE CURRENT\_TIMESTAMP,

PRIMARY key (id));

# 警告

## 1、timestamp 多个日期，如果可能为空，则建议使用datetime

普通字段不要设置为timestamp，timestamp列必须有默认值，默认值可以为“0000-00-00 00:00:00”，但不能为null。如果我们在save实体的时候，没有给相关timestamp设置值，那么他就会自动由mysql将当前时间设置进去，所以除了我们用到的cdate和udate最好还是用datetime，cdate和udate，都是在java基础上控制的

@Temporal(TemporalType.***TIMESTAMP***)  
@Column(columnDefinition="TIMESTAMP DEFAULT CURRENT\_TIMESTAMP",insertable = true,updatable = false)  
@ApiModelProperty(hidden = true)  
private Date cdate;  
  
@UpdateTimestamp  
@Temporal(TemporalType.***TIMESTAMP***)  
@ApiModelProperty(hidden = true)  
private Date udate;