MMKP

A Mind Mapping Knowledgebase Prototyping Tool for Precision Medicine

文档信息

|  |  |  |  |
| --- | --- | --- | --- |
| 项目名称： | mmkp | | |
| 起草人： |  | 文档创建日期： |  |
| 复审人： |  | 复审日期： |  |
| 项目说明： | Mmkp A Mind Mapping Knowledgebase Prototyping Tool for Precision Medicine | | |
| 官方网站： | http://119.45.170.139:8000/mmkp | | |
| 开源代码： | <https://github.com/ZjuLiangsl/mmkp-web.git>  <https://github.com/ZjuLiangsl/mmkp.git> | | |

# MMKP META DATA

## 表清单

|  |  |  |  |
| --- | --- | --- | --- |
| **#** | **数据表** | **名称** | **备注说明** |
| 1 | PMKB\_METADATA\_FIELDS | 元数据字段信息 |  |
| 2 | PMKB\_METADATA\_FIELDS\_EXT | 元数据字段扩展信息 |  |
| 3 | PMKB\_METADATA\_TABLES | 元数据表信息 |  |
| 4 | PMKB\_METADATA\_TABLES\_EXT | 元数据表信息 |  |
| 5 | PMKB\_REFERENCE\_RELATION | 引用关系表 |  |
| 6 | PMKB\_STAGE\_DATA | 数据暂存表 |  |
| 7 | QRTZ\_BLOB\_TRIGGERS | 定时任务触发器表 |  |
| 8 | QRTZ\_CALENDARS | 定时任务日历表 |  |
| 9 | QRTZ\_CRON\_TRIGGERS | 定时任务触发器表 |  |
| 10 | QRTZ\_FIRED\_TRIGGERS | 定时任务触发器表 |  |
| 11 | QRTZ\_JOB\_DETAILS | 定时任务详情表 |  |
| 12 | QRTZ\_LOCKS | 定时任务锁 |  |
| 13 | QRTZ\_PAUSED\_TRIGGER\_GRPS | 定时任务暂停信息表 |  |
| 14 | QRTZ\_SCHEDULER\_STATE | 定时任务执行器表 |  |
| 15 | QRTZ\_SIMPLE\_TRIGGERS | 定时任务示例执行器表 |  |
| 16 | QRTZ\_SIMPROP\_TRIGGERS | 定时任务触发器抽象信息表 |  |
| 17 | QRTZ\_TRIGGERS | 定时任务触发器表 |  |
| 18 | SYS\_CATEGORY | 分类字典表 |  |
| 19 | SYS\_CHECK\_RULE | 校验规则表 |  |
| 20 | SYS\_DATA\_SOURCE | 数据源表 |  |
| 21 | SYS\_DEPART | 组织机构表 |  |
| 22 | SYS\_DEPART\_PERMISSION | 部门权限表 |  |
| 23 | SYS\_DEPART\_ROLE | 部门角色表 |  |
| 24 | SYS\_DEPART\_ROLE\_PERMISSION | 部门角色权限表 |  |
| 25 | SYS\_DEPART\_ROLE\_USER | 部门角色用户表 |  |
| 26 | SYS\_DICT | 字典表 |  |
| 27 | SYS\_DICT\_ITEM | 字典项 |  |
| 28 | SYS\_LOG | 系统日志表 |  |
| 29 | SYS\_PERMISSION | 菜单权限表 |  |
| 30 | SYS\_PERMISSION\_DATA\_RULE | 数据权限规则表 |  |
| 31 | SYS\_POSITION | 岗位职务表 |  |
| 32 | SYS\_QUARTZ\_JOB | 定时任务表 |  |
| 33 | SYS\_ROLE | 角色表 |  |
| 34 | SYS\_ROLE\_PERMISSION | 角色权限表 |  |
| 35 | SYS\_USER | 用户表 |  |
| 36 | SYS\_USER\_DEPART | 用户部门表 |  |
| 37 | SYS\_USER\_ROLE | 用户角色表 |  |

## 表字段明细

### PMKB\_METADATA\_FIELDS [元数据字段信息]

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **#** | **字段** | **名称** | **数据类型** | **主键** | **非空** | **默认值** | **备注说明** |
| 1 | ID | 主键ID | VARCHAR(32) | √ | √ |  |  |
| 2 | DS\_CODE | 数据源ID | VARCHAR(100) |  |  |  |  |
| 3 | DB\_NAME | 库名 | VARCHAR(32) |  |  |  |  |
| 4 | TABLE\_NAME | 表名 | VARCHAR(255) |  |  |  |  |
| 5 | FIELD\_NAME | 字段名 | VARCHAR(255) |  |  |  |  |
| 6 | FIELD\_TYPE\_FULL | 完整字段类型 | VARCHAR(32) |  |  |  |  |
| 7 | FIELD\_TYPE | 字段类型 | VARCHAR(32) |  |  |  |  |
| 8 | FIELD\_LENGTH | 字段长度 | INT(11) |  |  |  |  |
| 9 | FIELD\_DIGIT | 小数位数 | INT(11) |  |  |  |  |
| 10 | FIELD\_COMMENT | 字段注释 | VARCHAR(255) |  |  |  |  |
| 11 | IS\_NULLABLE | 是否可为空 | CHAR(1) |  |  | '1' | 0-否；1-是 |
| 12 | IS\_PK | 是否主键列 | CHAR(1) |  |  | '0' | 0-否；1-是 |
| 13 | IS\_UNIQUE | 是否唯一列 | CHAR(1) |  |  |  | 0-否；1-是 |
| 14 | DEFAULT\_VALUE | 默认值 | VARCHAR(255) |  |  |  |  |
| 15 | FK\_DB\_NAME | 外键 | VARCHAR(32) |  |  |  | 参考库名 |
| 16 | FK\_TABLE\_NAME | 外键 | VARCHAR(255) |  |  |  | 参考表名 |
| 17 | FK\_FIELD\_NAME | 外键 | VARCHAR(255) |  |  |  | 参考字段名 |
| 18 | DATA\_STATE | 数据状态 | VARCHAR(2) |  |  | '0' | 0-已同步；1-未同步 |

### PMKB\_METADATA\_FIELDS\_EXT [元数据字段扩展信息]

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **#** | **字段** | **名称** | **数据类型** | **主键** | **非空** | **默认值** | **备注说明** |
| 1 | ID | 主键ID | VARCHAR(32) | √ | √ |  |  |
| 2 | DS\_CODE | 数据源ID | VARCHAR(100) |  |  |  |  |
| 3 | DB\_NAME | 库名 | VARCHAR(32) |  |  |  |  |
| 4 | TABLE\_NAME | 表名 | VARCHAR(255) |  |  |  |  |
| 5 | FIELD\_NAME | 字段名 | VARCHAR(255) |  |  |  |  |
| 6 | FIELD\_TYPE\_FULL | 完整字段类型 | VARCHAR(32) |  |  |  |  |
| 7 | FIELD\_REMARK | 字段备注 | VARCHAR(255) |  |  |  |  |
| 8 | IS\_TABLE\_DISPLAY | 是否在表格中展示 | CHAR(1) |  |  | '1' | 0-否；1-是 |
| 9 | IS\_FORM\_DISPLAY | 是否在表单中展示 | CHAR(1) |  |  | '1' | 0-否；1-是 |
| 10 | IS\_SEARCH\_FIELD | 是否查询字段 | CHAR(1) |  |  | '0' | 0-否；1-是 |
| 11 | FIELD\_COMP\_TYPE | 组件类型 | VARCHAR(255) |  |  |  |  |
| 12 | COMP\_DICT\_CODE | 字典编码 | VARCHAR(100) |  |  |  |  |
| 13 | COMP\_RULE\_CODES | 校验规则 | VARCHAR(2000) |  |  |  |  |
| 14 | EXT\_FIELD1 | 初始值 | VARCHAR(255) |  |  |  |  |
| 15 | EXT\_FIELD2 | 日期格式 | VARCHAR(255) |  |  |  |  |
| 16 | EXT\_FIELD3 | 是否可为空 | VARCHAR(255) |  |  |  | 0-否；1-是 |
| 17 | EXT\_FIELD4 | 最小值 | VARCHAR(255) |  |  |  |  |
| 18 | EXT\_FIELD5 | 最大值 | VARCHAR(255) |  |  |  |  |

### PMKB\_METADATA\_TABLES [元数据表信息]

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **#** | **字段** | **名称** | **数据类型** | **主键** | **非空** | **默认值** | **备注说明** |
| 1 | ID | 主键ID | VARCHAR(32) | √ | √ |  |  |
| 2 | DS\_CODE | 数据源ID | VARCHAR(100) |  |  |  |  |
| 3 | DB\_NAME | 库名 | VARCHAR(32) |  |  |  |  |
| 4 | TABLE\_NAME | 表名 | VARCHAR(255) |  |  |  |  |
| 5 | TABLE\_COMMENT | 表注释 | VARCHAR(255) |  |  |  |  |
| 6 | DATA\_STATE | 数据状态 | VARCHAR(2) |  |  | '0' | 0-已同步；1-未同步 |

### PMKB\_METADATA\_TABLES\_EXT [元数据表信息]

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **#** | **字段** | **名称** | **数据类型** | **主键** | **非空** | **默认值** | **备注说明** |
| 1 | ID | 主键ID | VARCHAR(32) | √ | √ |  |  |
| 2 | DS\_CODE | 数据源ID | VARCHAR(100) |  |  |  |  |
| 3 | DB\_NAME | 库名 | VARCHAR(32) |  |  |  |  |
| 4 | TABLE\_NAME | 表名 | VARCHAR(255) |  |  |  |  |
| 5 | TABLE\_COMMENT | 表注释 | VARCHAR(255) |  |  |  |  |
| 6 | TABLE\_REMARK | 表备注 | VARCHAR(255) |  |  |  |  |
| 7 | IS\_PAGING | 是否分页展示 | CHAR(1) |  |  | '1' | 0-否；1-是 |
| 8 | FORM\_WIDTH | 表单宽度 | INT(11) |  |  | 450 | 默认450px |
| 9 | EXT\_FIELD1 | 扩展字段1 | VARCHAR(255) |  |  |  |  |
| 10 | EXT\_FIELD2 | 扩展字段2 | VARCHAR(255) |  |  |  |  |
| 11 | EXT\_FIELD3 | 扩展字段3 | VARCHAR(255) |  |  |  |  |

### PMKB\_REFERENCE\_RELATION [引用关系表]

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **#** | **字段** | **名称** | **数据类型** | **主键** | **非空** | **默认值** | **备注说明** |
| 1 | ID | 主键id | INT(11) | √ | √ |  |  |
| 2 | DS\_CODE | 数据源ID | VARCHAR(100) |  |  |  |  |
| 3 | DB\_NAME | 库名 | VARCHAR(32) |  |  |  |  |
| 4 | TABLE\_NAME | 表名 | VARCHAR(255) |  |  |  |  |
| 5 | FIELD\_NAME | 字段名 | VARCHAR(255) |  |  |  |  |
| 6 | REF\_TABLE\_NAME | 表名 | VARCHAR(255) |  |  |  |  |
| 7 | REF\_FIELD\_NAME | 字段名 | VARCHAR(255) |  |  | 'dpkid' |  |

### PMKB\_STAGE\_DATA [数据暂存表]

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **#** | **字段** | **名称** | **数据类型** | **主键** | **非空** | **默认值** | **备注说明** |
| 1 | ID | 主键id | VARCHAR(32) | √ | √ |  |  |
| 2 | DS\_CODE | 数据源ID | VARCHAR(100) |  |  |  |  |
| 3 | DB\_NAME | 库名 | VARCHAR(32) |  |  |  |  |
| 4 | TABLE\_NAME | 表名 | VARCHAR(255) |  |  |  |  |
| 5 | PK\_FIELD\_NAME | 主键字段 | VARCHAR(255) |  |  |  |  |
| 6 | PK\_FIELD\_VALUE | 主键字段值 | VARCHAR(512) |  |  |  |  |
| 7 | DATA\_JSON\_STR | 数据值 | TEXT |  |  |  |  |
| 8 | DATA\_STATE | 数据状态 | VARCHAR(2) |  |  | '0' | 0-已同步；1-未同步 |

### QRTZ\_BLOB\_TRIGGERS [定时任务触发器]

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **#** | **字段** | **名称** | **数据类型** | **主键** | **非空** | **默认值** | **备注说明** |
| 1 | SCHED\_NAME |  | VARCHAR(120) | √ | √ |  |  |
| 2 | TRIGGER\_NAME |  | VARCHAR(200) | √ | √ |  |  |
| 3 | TRIGGER\_GROUP |  | VARCHAR(200) | √ | √ |  |  |
| 4 | BLOB\_DATA |  | BLOB |  |  |  |  |

### QRTZ\_CALENDARS [定时任务日历表]

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **#** | **字段** | **名称** | **数据类型** | **主键** | **非空** | **默认值** | **备注说明** |
| 1 | SCHED\_NAME |  | VARCHAR(120) | √ | √ |  |  |
| 2 | CALENDAR\_NAME |  | VARCHAR(200) | √ | √ |  |  |
| 3 | CALENDAR |  | BLOB |  | √ |  |  |

### QRTZ\_CRON\_TRIGGERS [定时任务触发器表]

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **#** | **字段** | **名称** | **数据类型** | **主键** | **非空** | **默认值** | **备注说明** |
| 1 | SCHED\_NAME |  | VARCHAR(120) | √ | √ |  |  |
| 2 | TRIGGER\_NAME |  | VARCHAR(200) | √ | √ |  |  |
| 3 | TRIGGER\_GROUP |  | VARCHAR(200) | √ | √ |  |  |
| 4 | CRON\_EXPRESSION |  | VARCHAR(200) |  | √ |  |  |
| 5 | TIME\_ZONE\_ID |  | VARCHAR(80) |  |  |  |  |

### QRTZ\_FIRED\_TRIGGERS [定时任务触发器表]

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **#** | **字段** | **名称** | **数据类型** | **主键** | **非空** | **默认值** | **备注说明** |
| 1 | SCHED\_NAME |  | VARCHAR(120) | √ | √ |  |  |
| 2 | ENTRY\_ID |  | VARCHAR(95) | √ | √ |  |  |
| 3 | TRIGGER\_NAME |  | VARCHAR(200) |  | √ |  |  |
| 4 | TRIGGER\_GROUP |  | VARCHAR(200) |  | √ |  |  |
| 5 | INSTANCE\_NAME |  | VARCHAR(200) |  | √ |  |  |
| 6 | FIRED\_TIME |  | BIGINT(20) |  | √ |  |  |
| 7 | SCHED\_TIME |  | BIGINT(20) |  | √ |  |  |
| 8 | PRIORITY |  | INT(11) |  | √ |  |  |
| 9 | STATE |  | VARCHAR(16) |  | √ |  |  |
| 10 | JOB\_NAME |  | VARCHAR(200) |  |  |  |  |
| 11 | JOB\_GROUP |  | VARCHAR(200) |  |  |  |  |
| 12 | IS\_NONCONCURRENT |  | VARCHAR(1) |  |  |  |  |
| 13 | REQUESTS\_RECOVERY |  | VARCHAR(1) |  |  |  |  |

### QRTZ\_JOB\_DETAILS [定时任务详情表]

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **#** | **字段** | **名称** | **数据类型** | **主键** | **非空** | **默认值** | **备注说明** |
| 1 | SCHED\_NAME |  | VARCHAR(120) | √ | √ |  |  |
| 2 | JOB\_NAME |  | VARCHAR(200) | √ | √ |  |  |
| 3 | JOB\_GROUP |  | VARCHAR(200) | √ | √ |  |  |
| 4 | DESCRIPTION |  | VARCHAR(250) |  |  |  |  |
| 5 | JOB\_CLASS\_NAME |  | VARCHAR(250) |  | √ |  |  |
| 6 | IS\_DURABLE |  | VARCHAR(1) |  | √ |  |  |
| 7 | IS\_NONCONCURRENT |  | VARCHAR(1) |  | √ |  |  |
| 8 | IS\_UPDATE\_DATA |  | VARCHAR(1) |  | √ |  |  |
| 9 | REQUESTS\_RECOVERY |  | VARCHAR(1) |  | √ |  |  |
| 10 | JOB\_DATA |  | BLOB |  |  |  |  |

### QRTZ\_LOCKS [定时任务锁]

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **#** | **字段** | **名称** | **数据类型** | **主键** | **非空** | **默认值** | **备注说明** |
| 1 | SCHED\_NAME |  | VARCHAR(120) | √ | √ |  |  |
| 2 | LOCK\_NAME |  | VARCHAR(40) | √ | √ |  |  |

### QRTZ\_PAUSED\_TRIGGER\_GRPS [定时任务暂停信息表]

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **#** | **字段** | **名称** | **数据类型** | **主键** | **非空** | **默认值** | **备注说明** |
| 1 | SCHED\_NAME |  | VARCHAR(120) | √ | √ |  |  |
| 2 | TRIGGER\_GROUP |  | VARCHAR(200) | √ | √ |  |  |

### QRTZ\_SCHEDULER\_STATE [定时任务执行器表]

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **#** | **字段** | **名称** | **数据类型** | **主键** | **非空** | **默认值** | **备注说明** |
| 1 | SCHED\_NAME | 执行器名称 | VARCHAR(120) | √ | √ |  |  |
| 2 | INSTANCE\_NAME | 实例名 | VARCHAR(200) | √ | √ |  |  |
| 3 | LAST\_CHECKIN\_TIME | 最后检查时间 | BIGINT(20) |  | √ |  |  |
| 4 | CHECKIN\_INTERVAL | 检查间隔 | BIGINT(20) |  | √ |  |  |

### QRTZ\_SIMPLE\_TRIGGERS [定时任务示例执行器表]

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **#** | **字段** | **名称** | **数据类型** | **主键** | **非空** | **默认值** | **备注说明** |
| 1 | SCHED\_NAME |  | VARCHAR(120) | √ | √ |  |  |
| 2 | TRIGGER\_NAME |  | VARCHAR(200) | √ | √ |  |  |
| 3 | TRIGGER\_GROUP |  | VARCHAR(200) | √ | √ |  |  |
| 4 | REPEAT\_COUNT |  | BIGINT(20) |  | √ |  |  |
| 5 | REPEAT\_INTERVAL |  | BIGINT(20) |  | √ |  |  |
| 6 | TIMES\_TRIGGERED |  | BIGINT(20) |  | √ |  |  |

### QRTZ\_SIMPROP\_TRIGGERS [定时任务触发器抽象信息表]

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **#** | **字段** | **名称** | **数据类型** | **主键** | **非空** | **默认值** | **备注说明** |
| 1 | SCHED\_NAME |  | VARCHAR(120) | √ | √ |  |  |
| 2 | TRIGGER\_NAME |  | VARCHAR(200) | √ | √ |  |  |
| 3 | TRIGGER\_GROUP |  | VARCHAR(200) | √ | √ |  |  |
| 4 | STR\_PROP\_1 |  | VARCHAR(512) |  |  |  |  |
| 5 | STR\_PROP\_2 |  | VARCHAR(512) |  |  |  |  |
| 6 | STR\_PROP\_3 |  | VARCHAR(512) |  |  |  |  |
| 7 | INT\_PROP\_1 |  | INT(11) |  |  |  |  |
| 8 | INT\_PROP\_2 |  | INT(11) |  |  |  |  |
| 9 | LONG\_PROP\_1 |  | BIGINT(20) |  |  |  |  |
| 10 | LONG\_PROP\_2 |  | BIGINT(20) |  |  |  |  |
| 11 | DEC\_PROP\_1 |  | DECIMAL(13,4) |  |  |  |  |
| 12 | DEC\_PROP\_2 |  | DECIMAL(13,4) |  |  |  |  |
| 13 | BOOL\_PROP\_1 |  | VARCHAR(1) |  |  |  |  |
| 14 | BOOL\_PROP\_2 |  | VARCHAR(1) |  |  |  |  |

### QRTZ\_TRIGGERS [定时任务执行器表]

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **#** | **字段** | **名称** | **数据类型** | **主键** | **非空** | **默认值** | **备注说明** |
| 1 | SCHED\_NAME |  | VARCHAR(120) | √ | √ |  |  |
| 2 | TRIGGER\_NAME |  | VARCHAR(200) | √ | √ |  |  |
| 3 | TRIGGER\_GROUP |  | VARCHAR(200) | √ | √ |  |  |
| 4 | JOB\_NAME |  | VARCHAR(200) |  | √ |  |  |
| 5 | JOB\_GROUP |  | VARCHAR(200) |  | √ |  |  |
| 6 | DESCRIPTION |  | VARCHAR(250) |  |  |  |  |
| 7 | NEXT\_FIRE\_TIME |  | BIGINT(20) |  |  |  |  |
| 8 | PREV\_FIRE\_TIME |  | BIGINT(20) |  |  |  |  |
| 9 | PRIORITY |  | INT(11) |  |  |  |  |
| 10 | TRIGGER\_STATE |  | VARCHAR(16) |  | √ |  |  |
| 11 | TRIGGER\_TYPE |  | VARCHAR(8) |  | √ |  |  |
| 12 | START\_TIME |  | BIGINT(20) |  | √ |  |  |
| 13 | END\_TIME |  | BIGINT(20) |  |  |  |  |
| 14 | CALENDAR\_NAME |  | VARCHAR(200) |  |  |  |  |
| 15 | MISFIRE\_INSTR |  | SMALLINT(6) |  |  |  |  |
| 16 | JOB\_DATA |  | BLOB |  |  |  |  |

### SYS\_CATEGORY [分类字典表]

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **#** | **字段** | **名称** | **数据类型** | **主键** | **非空** | **默认值** | **备注说明** |
| 1 | ID |  | VARCHAR(36) | √ | √ |  |  |
| 2 | PID | 父级节点 | VARCHAR(36) |  |  |  |  |
| 3 | NAME | 类型名称 | VARCHAR(100) |  |  |  |  |
| 4 | CODE | 类型编码 | VARCHAR(100) |  |  |  |  |
| 5 | CREATE\_BY | 创建人 | VARCHAR(50) |  |  |  |  |
| 6 | CREATE\_TIME | 创建日期 | DATETIME |  |  |  |  |
| 7 | UPDATE\_BY | 更新人 | VARCHAR(50) |  |  |  |  |
| 8 | UPDATE\_TIME | 更新日期 | DATETIME |  |  |  |  |
| 9 | SYS\_ORG\_CODE | 所属部门 | VARCHAR(64) |  |  |  |  |
| 10 | HAS\_CHILD | 是否有子节点 | VARCHAR(3) |  |  |  |  |

### SYS\_CHECK\_RULE [校验规则表]

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **#** | **字段** | **名称** | **数据类型** | **主键** | **非空** | **默认值** | **备注说明** |
| 1 | ID | 主键id | VARCHAR(32) | √ | √ |  |  |
| 2 | RULE\_NAME | 规则名称 | VARCHAR(100) |  |  |  |  |
| 3 | RULE\_CODE | 规则Code | VARCHAR(100) |  |  |  |  |
| 4 | RULE\_JSON | 规则JSON | VARCHAR(1024) |  |  |  |  |
| 5 | RULE\_DESCRIPTION | 规则描述 | VARCHAR(200) |  |  |  |  |
| 6 | UPDATE\_BY | 更新人 | VARCHAR(32) |  |  |  |  |
| 7 | UPDATE\_TIME | 更新时间 | DATETIME |  |  |  |  |
| 8 | CREATE\_BY | 创建人 | VARCHAR(32) |  |  |  |  |
| 9 | CREATE\_TIME | 创建时间 | DATETIME |  |  |  |  |

### SYS\_DATA\_SOURCE [数据源表]

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **#** | **字段** | **名称** | **数据类型** | **主键** | **非空** | **默认值** | **备注说明** |
| 1 | ID |  | VARCHAR(36) | √ | √ |  |  |
| 2 | CODE | 数据源编码 | VARCHAR(100) |  |  |  |  |
| 3 | NAME | 数据源名称 | VARCHAR(100) |  |  |  |  |
| 4 | REMARK | 备注 | VARCHAR(200) |  |  |  |  |
| 5 | DB\_TYPE | 数据库类型 | VARCHAR(10) |  |  |  |  |
| 6 | DB\_DRIVER | 驱动类 | VARCHAR(100) |  |  |  |  |
| 7 | DB\_URL | 数据源地址 | VARCHAR(500) |  |  |  |  |
| 8 | DB\_NAME | 数据库名称 | VARCHAR(100) |  |  |  |  |
| 9 | DB\_USERNAME | 用户名 | VARCHAR(100) |  |  |  |  |
| 10 | DB\_PASSWORD | 密码 | VARCHAR(100) |  |  |  |  |
| 11 | CREATE\_BY | 创建人 | VARCHAR(50) |  |  |  |  |
| 12 | CREATE\_TIME | 创建日期 | DATETIME |  |  |  |  |
| 13 | UPDATE\_BY | 更新人 | VARCHAR(50) |  |  |  |  |
| 14 | UPDATE\_TIME | 更新日期 | DATETIME |  |  |  |  |
| 15 | SYS\_ORG\_CODE | 所属部门 | VARCHAR(64) |  |  |  |  |

### SYS\_DEPART [组织机构表]

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **#** | **字段** | **名称** | **数据类型** | **主键** | **非空** | **默认值** | **备注说明** |
| 1 | ID | ID | VARCHAR(32) | √ | √ |  |  |
| 2 | PARENT\_ID | 父机构ID | VARCHAR(32) |  |  |  |  |
| 3 | DEPART\_NAME | 机构/部门名称 | VARCHAR(100) |  | √ |  |  |
| 4 | DEPART\_NAME\_EN | 英文名 | VARCHAR(500) |  |  |  |  |
| 5 | DEPART\_NAME\_ABBR | 缩写 | VARCHAR(500) |  |  |  |  |
| 6 | DEPART\_ORDER | 排序 | INT(11) |  |  | 0 |  |
| 7 | DESCRIPTION | 描述 | VARCHAR(500) |  |  |  |  |
| 8 | ORG\_CATEGORY | 机构类别 | VARCHAR(10) |  | √ | '1' | 1公司，2组织机构，2岗位 |
| 9 | ORG\_TYPE | 机构类型 | VARCHAR(10) |  |  |  | 1一级部门 2子部门 |
| 10 | ORG\_CODE | 机构编码 | VARCHAR(64) |  | √ |  |  |
| 11 | MOBILE | 手机号 | VARCHAR(32) |  |  |  |  |
| 12 | FAX | 传真 | VARCHAR(32) |  |  |  |  |
| 13 | ADDRESS | 地址 | VARCHAR(100) |  |  |  |  |
| 14 | MEMO | 备注 | VARCHAR(500) |  |  |  |  |
| 15 | STATUS | 状态（1启用 | VARCHAR(1) |  |  |  | 0不启用） |
| 16 | DEL\_FLAG | 删除状态（0 | VARCHAR(1) |  |  |  | 正常，1已删除） |
| 17 | QYWX\_IDENTIFIER | 对接企业微信的ID | VARCHAR(100) |  |  |  |  |
| 18 | CREATE\_BY | 创建人 | VARCHAR(32) |  |  |  |  |
| 19 | CREATE\_TIME | 创建日期 | DATETIME |  |  |  |  |
| 20 | UPDATE\_BY | 更新人 | VARCHAR(32) |  |  |  |  |
| 21 | UPDATE\_TIME | 更新日期 | DATETIME |  |  |  |  |

### SYS\_DEPART\_PERMISSION [部门权限表]

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **#** | **字段** | **名称** | **数据类型** | **主键** | **非空** | **默认值** | **备注说明** |
| 1 | ID |  | VARCHAR(32) | √ | √ |  |  |
| 2 | DEPART\_ID | 部门id | VARCHAR(32) |  |  |  |  |
| 3 | PERMISSION\_ID | 权限id | VARCHAR(32) |  |  |  |  |
| 4 | DATA\_RULE\_IDS | 数据规则id | VARCHAR(1000) |  |  |  |  |

### SYS\_DEPART\_ROLE [部门角色表]

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **#** | **字段** | **名称** | **数据类型** | **主键** | **非空** | **默认值** | **备注说明** |
| 1 | ID |  | VARCHAR(32) | √ | √ |  |  |
| 2 | DEPART\_ID | 部门id | VARCHAR(32) |  |  |  |  |
| 3 | ROLE\_NAME | 部门角色名称 | VARCHAR(200) |  |  |  |  |
| 4 | ROLE\_CODE | 部门角色编码 | VARCHAR(100) |  |  |  |  |
| 5 | DESCRIPTION | 描述 | VARCHAR(255) |  |  |  |  |
| 6 | CREATE\_BY | 创建人 | VARCHAR(32) |  |  |  |  |
| 7 | CREATE\_TIME | 创建时间 | DATETIME |  |  |  |  |
| 8 | UPDATE\_BY | 更新人 | VARCHAR(32) |  |  |  |  |
| 9 | UPDATE\_TIME | 更新时间 | DATETIME |  |  |  |  |

### SYS\_DEPART\_ROLE\_PERMISSION [部门角色权限表]

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **#** | **字段** | **名称** | **数据类型** | **主键** | **非空** | **默认值** | **备注说明** |
| 1 | ID |  | VARCHAR(32) | √ | √ |  |  |
| 2 | DEPART\_ID | 部门id | VARCHAR(32) |  |  |  |  |
| 3 | ROLE\_ID | 角色id | VARCHAR(32) |  |  |  |  |
| 4 | PERMISSION\_ID | 权限id | VARCHAR(32) |  |  |  |  |
| 5 | DATA\_RULE\_IDS | 数据权限ids | VARCHAR(1000) |  |  |  |  |
| 6 | OPERATE\_DATE | 操作时间 | DATETIME |  |  |  |  |
| 7 | OPERATE\_IP | 操作ip | VARCHAR(20) |  |  |  |  |

### SYS\_DEPART\_ROLE\_USER [部门角色用户表]

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **#** | **字段** | **名称** | **数据类型** | **主键** | **非空** | **默认值** | **备注说明** |
| 1 | ID | 主键id | VARCHAR(32) | √ | √ |  |  |
| 2 | USER\_ID | 用户id | VARCHAR(32) |  |  |  |  |
| 3 | DROLE\_ID | 角色id | VARCHAR(32) |  |  |  |  |

### SYS\_DICT [字典表]

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **#** | **字段** | **名称** | **数据类型** | **主键** | **非空** | **默认值** | **备注说明** |
| 1 | ID |  | VARCHAR(32) | √ | √ |  |  |
| 2 | DICT\_NAME | 字典名称 | VARCHAR(100) |  | √ |  |  |
| 3 | DICT\_CODE | 字典编码 | VARCHAR(100) |  | √ |  |  |
| 4 | DESCRIPTION | 描述 | VARCHAR(255) |  |  |  |  |
| 5 | DEL\_FLAG | 删除状态 | INT(11) |  |  |  |  |
| 6 | CREATE\_BY | 创建人 | VARCHAR(32) |  |  |  |  |
| 7 | CREATE\_TIME | 创建时间 | DATETIME |  |  |  |  |
| 8 | UPDATE\_BY | 更新人 | VARCHAR(32) |  |  |  |  |
| 9 | UPDATE\_TIME | 更新时间 | DATETIME |  |  |  |  |
| 10 | TYPE | 字典类型0为string | INT UNSIGNED(11) |  |  | 0 | 1为number |

### SYS\_DICT\_ITEM [字典项]

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **#** | **字段** | **名称** | **数据类型** | **主键** | **非空** | **默认值** | **备注说明** |
| 1 | ID |  | VARCHAR(32) | √ | √ |  |  |
| 2 | DICT\_ID | 字典id | VARCHAR(32) |  |  |  |  |
| 3 | ITEM\_TEXT | 字典项文本 | VARCHAR(100) |  | √ |  |  |
| 4 | ITEM\_VALUE | 字典项值 | VARCHAR(100) |  | √ |  |  |
| 5 | DESCRIPTION | 描述 | VARCHAR(255) |  |  |  |  |
| 6 | SORT\_ORDER | 排序 | INT(11) |  |  |  |  |
| 7 | STATUS | 状态（1启用 | INT(11) |  |  |  | 0不启用） |
| 8 | CREATE\_BY |  | VARCHAR(32) |  |  |  |  |
| 9 | CREATE\_TIME |  | DATETIME |  |  |  |  |
| 10 | UPDATE\_BY |  | VARCHAR(32) |  |  |  |  |
| 11 | UPDATE\_TIME |  | DATETIME |  |  |  |  |

### SYS\_LOG [系统日志表]

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **#** | **字段** | **名称** | **数据类型** | **主键** | **非空** | **默认值** | **备注说明** |
| 1 | ID |  | VARCHAR(32) | √ | √ |  |  |
| 2 | LOG\_TYPE | 日志类型（1登录日志 | INT(11) |  |  |  | 2操作日志） |
| 3 | LOG\_CONTENT | 日志内容 | VARCHAR(1000) |  |  |  |  |
| 4 | OPERATE\_TYPE | 操作类型 | INT(11) |  |  |  |  |
| 5 | USERID | 操作用户账号 | VARCHAR(32) |  |  |  |  |
| 6 | USERNAME | 操作用户名称 | VARCHAR(100) |  |  |  |  |
| 7 | IP | IP | VARCHAR(100) |  |  |  |  |
| 8 | METHOD | 请求java方法 | VARCHAR(500) |  |  |  |  |
| 9 | REQUEST\_URL | 请求路径 | VARCHAR(255) |  |  |  |  |
| 10 | REQUEST\_PARAM | 请求参数 | LONGTEXT |  |  |  |  |
| 11 | REQUEST\_TYPE | 请求类型 | VARCHAR(10) |  |  |  |  |
| 12 | COST\_TIME | 耗时 | BIGINT(20) |  |  |  |  |
| 13 | CREATE\_BY | 创建人 | VARCHAR(32) |  |  |  |  |
| 14 | CREATE\_TIME | 创建时间 | DATETIME |  |  |  |  |
| 15 | UPDATE\_BY | 更新人 | VARCHAR(32) |  |  |  |  |
| 16 | UPDATE\_TIME | 更新时间 | DATETIME |  |  |  |  |

### SYS\_PERMISSION [菜单权限表]

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **#** | **字段** | **名称** | **数据类型** | **主键** | **非空** | **默认值** | **备注说明** |
| 1 | ID | 主键id | VARCHAR(32) | √ | √ |  |  |
| 2 | PARENT\_ID | 父id | VARCHAR(32) |  |  |  |  |
| 3 | NAME | 菜单标题 | VARCHAR(100) |  |  |  |  |
| 4 | URL | 路径 | VARCHAR(255) |  |  |  |  |
| 5 | COMPONENT | 组件 | VARCHAR(255) |  |  |  |  |
| 6 | COMPONENT\_NAME | 组件名字 | VARCHAR(100) |  |  |  |  |
| 7 | REDIRECT | 一级菜单跳转地址 | VARCHAR(255) |  |  |  |  |
| 8 | MENU\_TYPE | 菜单类型(0:一级菜单; | INT(11) |  |  |  | 1:子菜单:2:按钮权限) |
| 9 | PERMS | 菜单权限编码 | VARCHAR(255) |  |  |  |  |
| 10 | PERMS\_TYPE | 权限策略1显示2禁用 | VARCHAR(10) |  |  | '0' |  |
| 11 | SORT\_NO | 菜单排序 | DOUBLE(8,2) |  |  |  |  |
| 12 | ALWAYS\_SHOW | 聚合子路由: | BIT(1) |  |  |  | 1是0否 |
| 13 | ICON | 菜单图标 | VARCHAR(100) |  |  |  |  |
| 14 | IS\_ROUTE | 是否路由菜单: | BIT(1) |  |  | 1 | 0:不是 1:是（默认值1） |
| 15 | IS\_LEAF | 是否叶子节点: | BIT(1) |  |  |  | 1:是 0:不是 |
| 16 | KEEP\_ALIVE | 是否缓存该页面: | BIT(1) |  |  |  | 1:是 0:不是 |
| 17 | HIDDEN | 是否隐藏路由: | INT(11) |  |  | 0 | 0否,1是 |
| 18 | DESCRIPTION | 描述 | VARCHAR(255) |  |  |  |  |
| 19 | CREATE\_BY | 创建人 | VARCHAR(32) |  |  |  |  |
| 20 | CREATE\_TIME | 创建时间 | DATETIME |  |  |  |  |
| 21 | UPDATE\_BY | 更新人 | VARCHAR(32) |  |  |  |  |
| 22 | UPDATE\_TIME | 更新时间 | DATETIME |  |  |  |  |
| 23 | DEL\_FLAG | 删除状态 | INT(11) |  |  | 0 | 0正常 1已删除 |
| 24 | RULE\_FLAG | 是否添加数据权限1是0否 | INT(11) |  |  | 0 |  |
| 25 | STATUS | 按钮权限状态(0无效1有效) | VARCHAR(2) |  |  |  |  |
| 26 | INTERNAL\_OR\_EXTERNAL | 外链菜单打开方式 | BIT(1) |  |  |  | 0/内部打开 1/外部打开 |

### SYS\_PERMISSION\_DATA\_RULE [数据权限规则表]

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **#** | **字段** | **名称** | **数据类型** | **主键** | **非空** | **默认值** | **备注说明** |
| 1 | ID | ID | VARCHAR(32) | √ | √ |  |  |
| 2 | PERMISSION\_ID | 菜单ID | VARCHAR(32) |  |  |  |  |
| 3 | RULE\_NAME | 规则名称 | VARCHAR(50) |  |  |  |  |
| 4 | RULE\_COLUMN | 字段 | VARCHAR(50) |  |  |  |  |
| 5 | RULE\_CONDITIONS | 条件 | VARCHAR(50) |  |  |  |  |
| 6 | RULE\_VALUE | 规则值 | VARCHAR(300) |  |  |  |  |
| 7 | STATUS | 权限有效状态1有0否 | VARCHAR(3) |  |  |  |  |
| 8 | CREATE\_TIME | 创建时间 | DATETIME |  |  |  |  |
| 9 | CREATE\_BY |  | VARCHAR(32) |  |  |  |  |
| 10 | UPDATE\_TIME | 修改时间 | DATETIME |  |  |  |  |
| 11 | UPDATE\_BY | 修改人 | VARCHAR(32) |  |  |  |  |

### SYS\_POSITION [岗位职务表]

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **#** | **字段** | **名称** | **数据类型** | **主键** | **非空** | **默认值** | **备注说明** |
| 1 | ID |  | VARCHAR(32) | √ | √ |  |  |
| 2 | CODE | 职务编码 | VARCHAR(100) |  |  |  |  |
| 3 | NAME | 职务名称 | VARCHAR(100) |  |  |  |  |
| 4 | POST\_RANK | 职级 | VARCHAR(2) |  |  |  |  |
| 5 | COMPANY\_ID | 公司id | VARCHAR(255) |  |  |  |  |
| 6 | CREATE\_BY | 创建人 | VARCHAR(50) |  |  |  |  |
| 7 | CREATE\_TIME | 创建时间 | DATETIME |  |  |  |  |
| 8 | UPDATE\_BY | 修改人 | VARCHAR(50) |  |  |  |  |
| 9 | UPDATE\_TIME | 修改时间 | DATETIME |  |  |  |  |
| 10 | SYS\_ORG\_CODE | 组织机构编码 | VARCHAR(50) |  |  |  |  |

### SYS\_QUARTZ\_JOB [定时任务表]

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **#** | **字段** | **名称** | **数据类型** | **主键** | **非空** | **默认值** | **备注说明** |
| 1 | ID |  | VARCHAR(32) | √ | √ |  |  |
| 2 | CREATE\_BY | 创建人 | VARCHAR(32) |  |  |  |  |
| 3 | CREATE\_TIME | 创建时间 | DATETIME |  |  |  |  |
| 4 | DEL\_FLAG | 删除状态 | INT(11) |  |  |  |  |
| 5 | UPDATE\_BY | 修改人 | VARCHAR(32) |  |  |  |  |
| 6 | UPDATE\_TIME | 修改时间 | DATETIME |  |  |  |  |
| 7 | JOB\_CLASS\_NAME | 任务类名 | VARCHAR(255) |  |  |  |  |
| 8 | CRON\_EXPRESSION | cron表达式 | VARCHAR(255) |  |  |  |  |
| 9 | PARAMETER | 参数 | VARCHAR(255) |  |  |  |  |
| 10 | DESCRIPTION | 描述 | VARCHAR(255) |  |  |  |  |
| 11 | STATUS | 状态 | INT(11) |  |  |  | 0正常 -1停止 |

### SYS\_ROLE [角色表]

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **#** | **字段** | **名称** | **数据类型** | **主键** | **非空** | **默认值** | **备注说明** |
| 1 | ID | 主键id | VARCHAR(32) | √ | √ |  |  |
| 2 | ROLE\_NAME | 角色名称 | VARCHAR(200) |  |  |  |  |
| 3 | ROLE\_CODE | 角色编码 | VARCHAR(100) |  | √ |  |  |
| 4 | DESCRIPTION | 描述 | VARCHAR(255) |  |  |  |  |
| 5 | CREATE\_BY | 创建人 | VARCHAR(32) |  |  |  |  |
| 6 | CREATE\_TIME | 创建时间 | DATETIME |  |  |  |  |
| 7 | UPDATE\_BY | 更新人 | VARCHAR(32) |  |  |  |  |
| 8 | UPDATE\_TIME | 更新时间 | DATETIME |  |  |  |  |

### SYS\_ROLE\_PERMISSION [角色权限表]

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **#** | **字段** | **名称** | **数据类型** | **主键** | **非空** | **默认值** | **备注说明** |
| 1 | ID |  | VARCHAR(32) | √ | √ |  |  |
| 2 | ROLE\_ID | 角色id | VARCHAR(32) |  |  |  |  |
| 3 | PERMISSION\_ID | 权限id | VARCHAR(32) |  |  |  |  |
| 4 | DATA\_RULE\_IDS | 数据权限ids | VARCHAR(1000) |  |  |  |  |
| 5 | OPERATE\_DATE | 操作时间 | DATETIME |  |  |  |  |
| 6 | OPERATE\_IP | 操作ip | VARCHAR(20) |  |  |  |  |

### SYS\_USER [用户表]

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **#** | **字段** | **名称** | **数据类型** | **主键** | **非空** | **默认值** | **备注说明** |
| 1 | ID | 主键id | VARCHAR(32) | √ | √ |  |  |
| 2 | USERNAME | 登录账号 | VARCHAR(100) |  |  |  |  |
| 3 | REALNAME | 真实姓名 | VARCHAR(100) |  |  |  |  |
| 4 | PASSWORD | 密码 | VARCHAR(255) |  |  |  |  |
| 5 | SALT | md5密码盐 | VARCHAR(45) |  |  |  |  |
| 6 | AVATAR | 头像 | VARCHAR(255) |  |  |  |  |
| 7 | BIRTHDAY | 生日 | DATETIME |  |  |  |  |
| 8 | SEX | 性别(0-默认未知 | BIT(1) |  |  |  | 1-男,2-女) |
| 9 | EMAIL | 电子邮件 | VARCHAR(45) |  |  |  |  |
| 10 | PHONE | 电话 | VARCHAR(45) |  |  |  |  |
| 11 | ORG\_CODE | 机构编码 | VARCHAR(64) |  |  |  |  |
| 12 | STATUS | 性别(1-正常 | BIT(1) |  |  |  | 2-冻结) |
| 13 | DEL\_FLAG | 删除状态(0-正常 | BIT(1) |  |  |  | 1-已删除) |
| 14 | THIRD\_ID | 第三方登录的唯一标识 | VARCHAR(100) |  |  |  |  |
| 15 | THIRD\_TYPE | 第三方类型 | VARCHAR(100) |  |  |  |  |
| 16 | ACTIVITI\_SYNC | 同步工作流引擎(1-同步 | BIT(1) |  |  |  | 0-不同步) |
| 17 | WORK\_NO | 工号 | VARCHAR(100) |  |  |  | 唯一键 |
| 18 | POST | 职务 | VARCHAR(100) |  |  |  | 关联职务表 |
| 19 | TELEPHONE | 座机号 | VARCHAR(45) |  |  |  |  |
| 20 | CREATE\_BY | 创建人 | VARCHAR(32) |  |  |  |  |
| 21 | CREATE\_TIME | 创建时间 | DATETIME |  |  |  |  |
| 22 | UPDATE\_BY | 更新人 | VARCHAR(32) |  |  |  |  |
| 23 | UPDATE\_TIME | 更新时间 | DATETIME |  |  |  |  |
| 24 | USER\_IDENTITY | 身份（1普通成员 | BIT(1) |  |  |  | 2上级） |
| 25 | DEPART\_IDS | 负责部门 | LONGTEXT |  |  |  |  |
| 26 | REL\_TENANT\_IDS | 多租户标识 | VARCHAR(100) |  |  |  |  |
| 27 | CLIENT\_ID | 设备ID | VARCHAR(64) |  |  |  |  |

### SYS\_USER\_DEPART [用户部门表]

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **#** | **字段** | **名称** | **数据类型** | **主键** | **非空** | **默认值** | **备注说明** |
| 1 | ID | id | VARCHAR(32) | √ | √ |  |  |
| 2 | USER\_ID | 用户id | VARCHAR(32) |  |  |  |  |
| 3 | DEP\_ID | 部门id | VARCHAR(32) |  |  |  |  |

### SYS\_USER\_ROLE [用户角色表]

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **#** | **字段** | **名称** | **数据类型** | **主键** | **非空** | **默认值** | **备注说明** |
| 1 | ID | 主键id | VARCHAR(32) | √ | √ |  |  |
| 2 | USER\_ID | 用户id | VARCHAR(32) |  |  |  |  |
| 3 | ROLE\_ID | 角色id | VARCHAR(32) |  |  |  |  |