**设备管理表结构：**

数据库：db\_mangment

总表：t\_main:存储设备信息

关联：t\_main.tid = t\_type.tid

t\_main.dd = t\_place.pid

t\_main.mid = t\_allot.mid

CREATE TABLE `db\_mangment`.`t\_main`(

`mid` INT(6) NOT NULL AUTO\_INCREMENT COMMENT '设备ID',

`tid` INT(6) NOT NULL COMMENT '类型ID',

`xhgg` VARCHAR(35) NOT NULL COMMENT '型号规格',

`sn` VARCHAR(20) NULL COMMENT 'S/N编号',

`zcbh` VARCHAR(15) NULL COMMENT '资产编码',

`zt` TINYINT(2) NOT NULL COMMENT '状态id：0-使用中；1-库存;2-报废；3-作废 4-维修',

`je` FLOAT(9) NULL COMMENT '金额',

`dhsj` INT(8) NULL COMMENT '到货日期：时间戳',

`pid` INT(5) NOT NULL COMMENT '安装地点',

`azsj` INT(8) NULL COMMENT '安装日期：时间戳',

`fph` VARCHAR(30) NULL COMMENT '发票号',

`hth` VARCHAR(30) NULL COMMENT '合同号',

`bz` VARCHAR(100) NULL COMMENT '备注',

PRIMARY KEY(`mid`)

) ENGINE = InnoDB

//20160122改动：地点字段改为pid int(5)

类型表：t\_type:存储硬件类型

关联：t\_type.tid = t\_main.tid

CREATE TABLE `db\_mangment`.`t\_type`(

`tid` INT(3) NOT NULL AUTO\_INCREMENT COMMENT '类型ID',

`firm` VARCHAR(20) NOT NULL COMMENT '厂商',

`tname` VARCHAR(20) NOT NULL COMMENT '类型名称',

PRIMARY KEY(`tid`)

) ENGINE = InnoDB CHARACTER SET utf8 COLLATE utf8\_general\_ci COMMENT = '类型表';

20160123改动：[ALTER](http://localhost/phpmyadmin/url.php?url=http://dev.mysql.com/doc/refman/5.5/en/alter-table.html" \t "mysql_doc) [TABLE](http://localhost/phpmyadmin/url.php?url=http://dev.mysql.com/doc/refman/5.5/en/alter-table.html" \t "mysql_doc) `t\_type` ADD `firm` [VARCHAR](http://localhost/phpmyadmin/url.php?url=http://dev.mysql.com/doc/refman/5.5/en/string-types.html" \t "mysql_doc)(20) [CHARACTER](http://localhost/phpmyadmin/url.php?url=http://dev.mysql.com/doc/refman/5.5/en/charset.html" \t "mysql_doc) [SET](http://localhost/phpmyadmin/url.php?url=http://dev.mysql.com/doc/refman/5.5/en/charset.html" \t "mysql_doc) utf8[COLLATE](http://localhost/phpmyadmin/url.php?url=http://dev.mysql.com/doc/refman/5.5/en/charset-collations.html" \t "mysql_doc) utf8\_general\_ci [NOT](http://localhost/phpmyadmin/url.php?url=http://dev.mysql.com/doc/refman/5.5/en/logical-operators.html" \l "operator_not" \t "mysql_doc) NULL AFTER `tname`;

地点表：t\_place:存储存放位置

关联：t\_place.pid = t\_main.dd

CREATE TABLE `db\_mangment`.`t\_place`(

`pid` INT(3) NOT NULL AUTO\_INCREMENT COMMENT '位置ID',

`pname` VARCHAR(30) NOT NULL COMMENT '具体位置',

PRIMARY KEY(`pid`)

) ENGINE = InnoDB CHARACTER SET utf8 COLLATE utf8\_general\_ci;

调拨表：t\_allot:记录设备调拨明细

关联：t\_allot.mid = main.mid

CREATE TABLE `db\_mangment`.`t\_allot`(

`aid` INT(5) NOT NULL AUTO\_INCREMENT COMMENT '调拨记录ID',

`mid` INT(5) NOT NULL COMMENT '设备ID',

`dbsj` INT(8) NOT NULL COMMENT '调拨时间',

`oldpid` INT(5) NOT NULL COMMENT '原地点',

`newpid` INT(5) NOT NULL COMMENT '新地点',

PRIMARY KEY(`aid`)

) ENGINE = InnoDB CHARACTER SET utf8 COLLATE utf8\_general\_ci COMMENT = '调拨表：记录设备调拨明细';

维修表：t\_repair:记录设备维修明细

关联：t\_ repair.mid = main.mid

CREATE TABLE `db\_mangment`.`t\_repair`(

`rid` INT(5) NOT NULL AUTO\_INCREMENT COMMENT '维修ID',

`mid` INT(5) NOT NULL COMMENT '设备ID',

`gzsm` VARCHAR(150) NOT NULL COMMENT '故障说明',

`sxsj` INT(8) NOT NULL COMMENT '送修时间',

`fhsj` INT(8) NULL COMMENT '返回时间',

`ghpj` VARCHAR(50) NULL COMMENT '更换配件',

`wxje` FLOAT NULL COMMENT '维修金额',

`bz` VARCHAR(150) NULL COMMENT '备注',

`rzt` [INT](http://localhost/phpmyadmin/url.php?url=http://dev.mysql.com/doc/refman/5.5/en/numeric-types.html" \t "http://localhost/phpmyadmin/mysql_doc)(2) [NOT](http://localhost/phpmyadmin/url.php?url=http://dev.mysql.com/doc/refman/5.5/en/logical-operators.html" \l "operator_not" \t "http://localhost/phpmyadmin/mysql_doc) NULL COMMENT '维修状态：0-完成维修；4-维修中；

PRIMARY KEY(`rid`)

) ENGINE = InnoDB CHARACTER SET utf8 COLLATE utf8\_general\_ci COMMENT = '维修表：用于记录维修记录';

20160204改动：增加维修状态标记，用于跟设备主表对应，显示设备的状态[ALTER](http://localhost/phpmyadmin/url.php?url=http://dev.mysql.com/doc/refman/5.5/en/alter-table.html" \t "http://localhost/phpmyadmin/mysql_doc) [TABLE](http://localhost/phpmyadmin/url.php?url=http://dev.mysql.com/doc/refman/5.5/en/alter-table.html" \t "http://localhost/phpmyadmin/mysql_doc) `t\_repair` ADD `rzt` [INT](http://localhost/phpmyadmin/url.php?url=http://dev.mysql.com/doc/refman/5.5/en/numeric-types.html" \t "http://localhost/phpmyadmin/mysql_doc)(2) [NOT](http://localhost/phpmyadmin/url.php?url=http://dev.mysql.com/doc/refman/5.5/en/logical-operators.html" \l "operator_not" \t "http://localhost/phpmyadmin/mysql_doc) NULL COMMENT '维修状态：0-完成维修；4-维修中；' AFTER `bz`;