

有道笔记链接: <https://note.youdao.com/s/BjbeooOI>

关于《Mysql索引优化实战二》中课上示例是基于Mysql5.7的。mysql8也同样适用, 有区别会在本文档中进行记录。

Join关联查询优化

如果脚本中的存储过程抛出语法错误, 使用下面的脚本

```
1  -- 示例表:
2  CREATE TABLE `t1` (
3    `id` int(11) NOT NULL AUTO_INCREMENT,
4    `a` int(11) DEFAULT NULL,
5    `b` int(11) DEFAULT NULL,
6    PRIMARY KEY (`id`),
7    KEY `idx_a` (`a`)
8  ) ENGINE=InnoDB DEFAULT CHARSET=utf8;
9
10 create table t2 like t1;
11
12 -- 插入一些示例数据
13 -- 往t1表插入1万行记录
14 DROP PROCEDURE IF EXISTS insert_t1;
15 DELIMITER ;;
16 CREATE PROCEDURE insert_t1()
17 BEGIN
18     DECLARE i INT DEFAULT 1;
19     WHILE i <= 10000 DO
20         INSERT INTO t1(a, b) VALUES(i, i);
21         SET i = i + 1;
22     END WHILE;
23 END;;
24 DELIMITER ;
25 CALL insert_t1();
26
27 -- 往t2表插入100行记录
28 DROP PROCEDURE IF EXISTS insert_t2;
29 DELIMITER ;;
30 CREATE PROCEDURE insert_t2()
31 BEGIN
```

```
32  DECLARE i INT;
33  SET i = 1;
34  WHILE i <= 100 DO
35      INSERT INTO t2(a, b) VALUES(i, i);
36      SET i = i + 1;
37  END WHILE;
38  END;;
39  DELIMITER ;
40  CALL insert_t2();
```