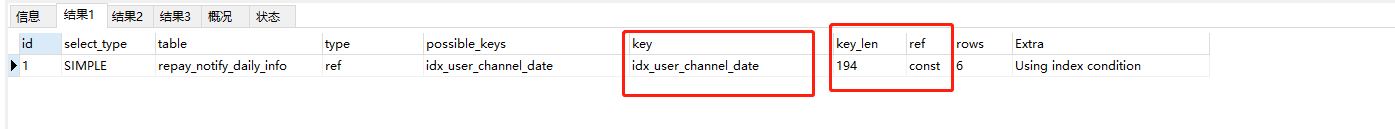


表有四个字段组成的联合索引

`idx\_user\_channel\_date` (`user\_no`,`user\_channel`,`channel`,`send\_date`)

1.# user\_no字段索引

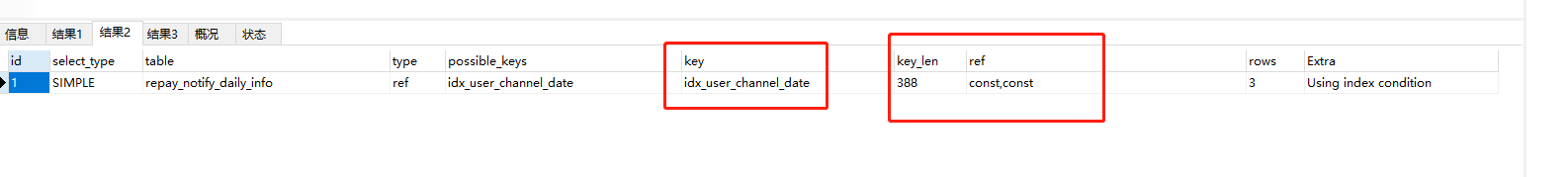
explain SELECT \* FROM `repay\_notify\_daily\_info` where user\_no='UR5908827301608423424';



命中了user\_no字段索引ref显示只有一个字段常量

2.#user\_no，user\_channel 字段

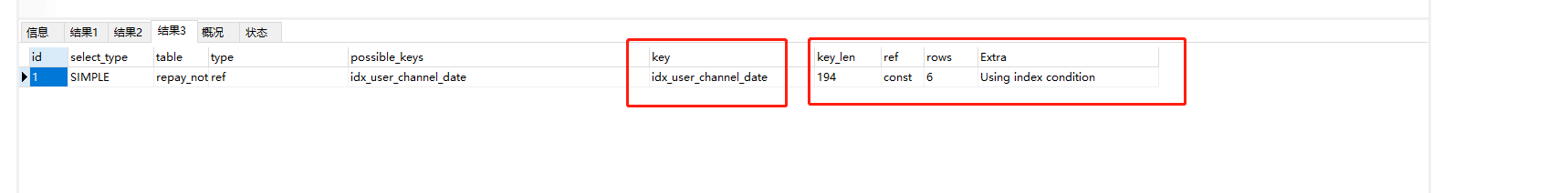
explain SELECT \* FROM `repay\_notify\_daily\_info` where user\_no='UR5908827301608423424' and user\_channel='RA5913726587567607808';



命中了user\_no， user\_channel字段索引 ref显示有两个字段常量

3.#user\_no channel

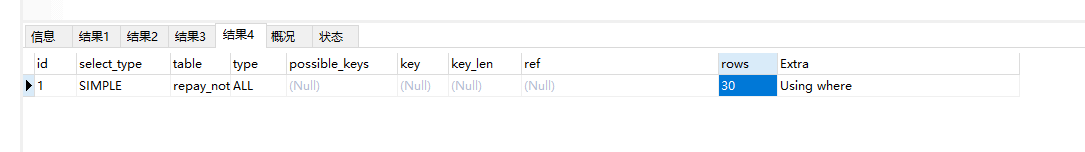
explain SELECT \* FROM `repay\_notify\_daily\_info` where user\_no='UR5908827301608423424' and channel='wechat';



只命中了user\_no字段索引ref显示只有一个字段常量

1. #user\_channel channel

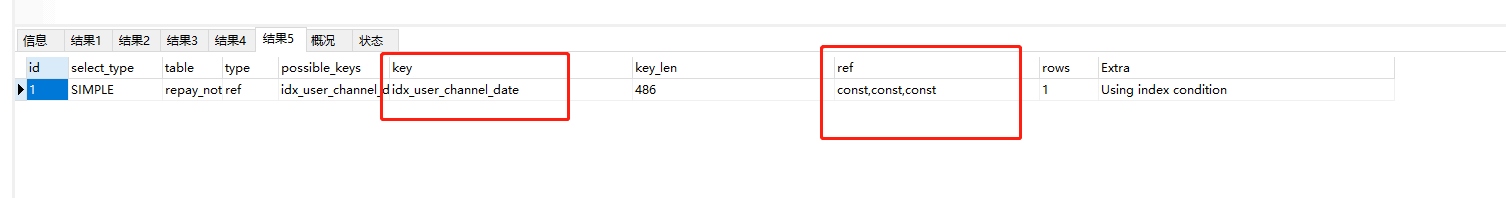
explain SELECT \* FROM `repay\_notify\_daily\_info` where user\_channel='RA5913726587567607808' and channel='wechat';



key没有显示命中了索引， type=ALL 没有走索引

5.user\_channel channel user\_no

explain SELECT \* FROM `repay\_notify\_daily\_info` where user\_channel='RA5913726587567607808' and channel='wechat' and user\_no='UR5908827301608423424'



命中了索引，ref显示走了3个字段常量，因为mysql会自己优化where的顺序