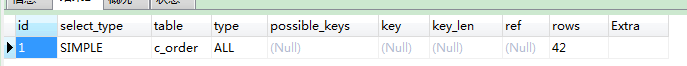
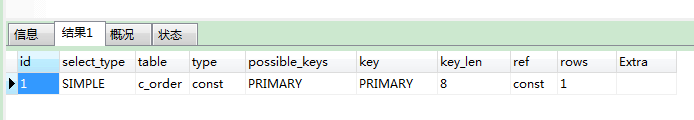
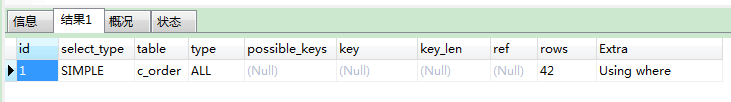
EXPLAIN SELECT \* from c\_order



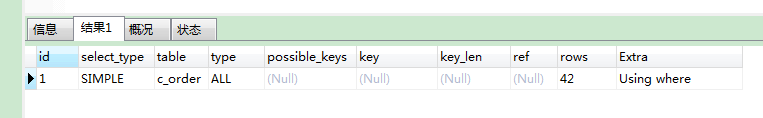
EXPLAIN SELECT \* from c\_order WHERE orderId = 3



EXPLAIN SELECT \* from c\_order WHERE totalPrice > 0



EXPLAIN SELECT \* from c\_order WHERE totalPrice = 3



alter table c\_order add index price(totalPrice)

EXPLAIN SELECT \* from c\_order WHERE totalPrice = 3



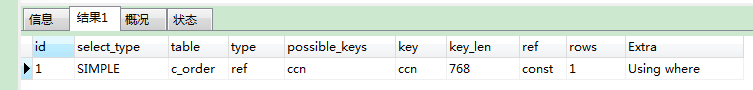
------------------------------------------------------------------

alter table c\_order add fulltext ccn(contactName)

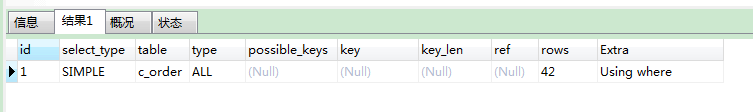
EXPLAIN SELECT \* from c\_order WHERE contactName = '联系人74023'

alter table c\_order add index ccn(contactName)

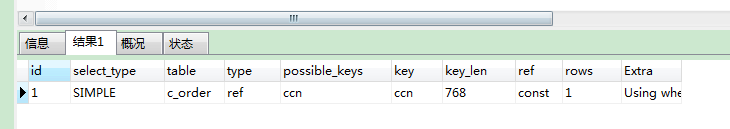
EXPLAIN SELECT \* from c\_order WHERE contactName = '联系人74023'



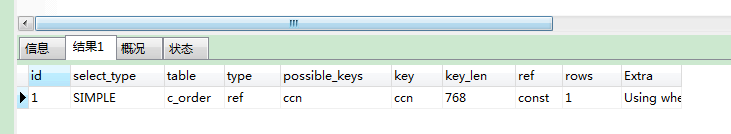
EXPLAIN SELECT \* from c\_order WHERE contactName like '%联系人%'



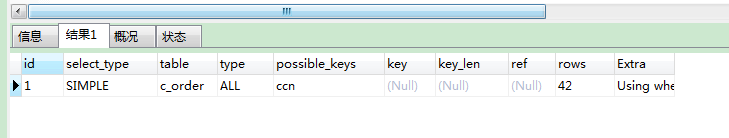
EXPLAIN SELECT \* from c\_order WHERE contactName = '联系人74023'



EXPLAIN SELECT \* from c\_order WHERE contactName is null



EXPLAIN SELECT \* from c\_order WHERE contactName is not null



ps:

对于varchar建立的INDEX

= is null 不会全表扫描

is not null like 会全表扫描

------------------------------------------------------------------

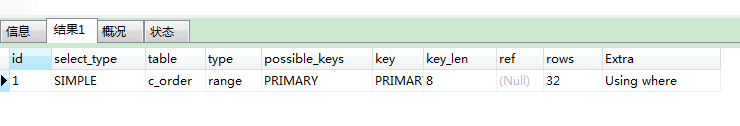
主键type:const

全表扫描type:All ref:const

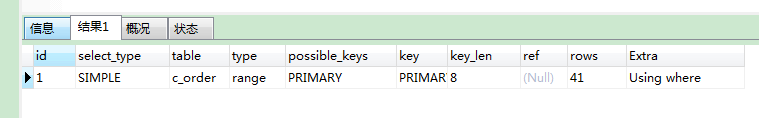
索引type:ref ref:const

EXPLAIN SELECT \* from c\_order WHERE orderid > 10 and contactName like '%联系人%'

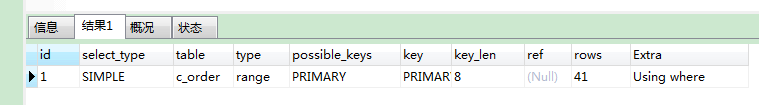
EXPLAIN SELECT \* from c\_order WHERE contactName like '%联系人%' and orderid > 10



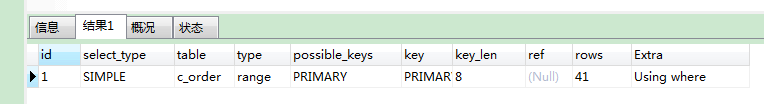
EXPLAIN SELECT \* from c\_order WHERE orderid <> 10



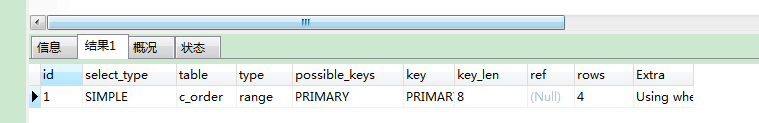
EXPLAIN SELECT \* from c\_order WHERE orderid < 10 or orderid > 10



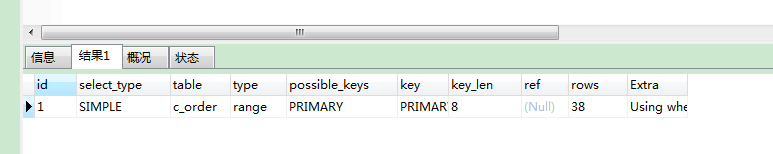
EXPLAIN SELECT \* from c\_order WHERE orderid not in(10)



EXPLAIN SELECT \* from c\_order WHERE orderid between 10 and 13



EXPLAIN SELECT \* from c\_order WHERE orderid not between 10 and 13



ps: not in <> 主键并不会导致全表扫描

between and主键并不会导致全表扫描

between and 等同 []

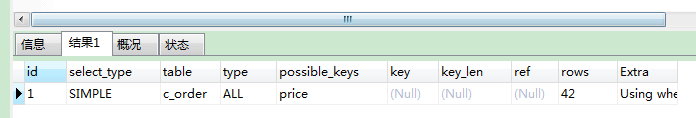
not between and 主键并不会导致全表扫描

not between and 等同 x>MAX and x < MIN

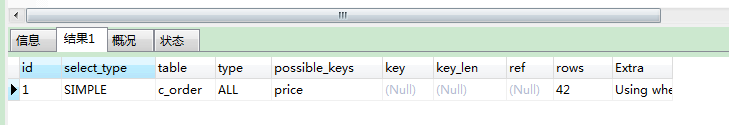
---------------------------------------------------------------------------------------------------------

totalprice double

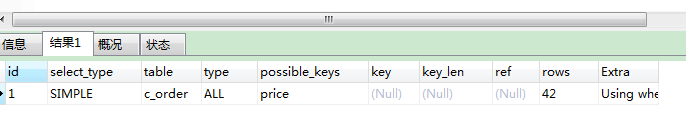
EXPLAIN SELECT \* from c\_order WHERE totalprice not in(10)



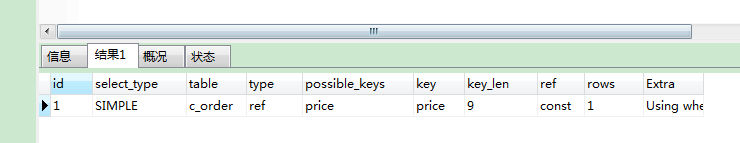
EXPLAIN SELECT \* from c\_order WHERE totalprice <> 10



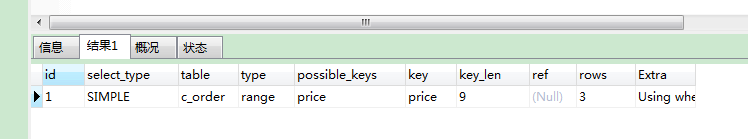
EXPLAIN SELECT \* from c\_order WHERE totalprice < 10 or totalprice > 10



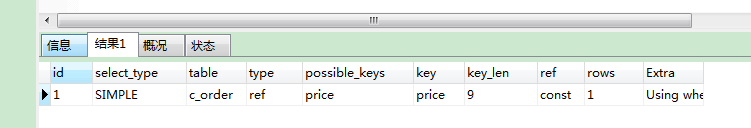
EXPLAIN SELECT \* from c\_order WHERE totalprice in(10)



EXPLAIN SELECT \* from c\_order WHERE totalprice in(10,11,12)



EXPLAIN SELECT \* from c\_order WHERE totalprice =10



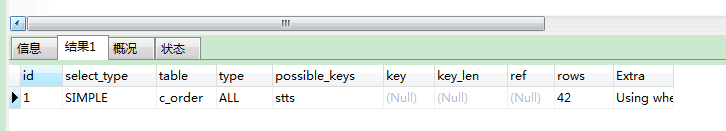
EXPLAIN SELECT \* from c\_order WHERE not EXISTS(SELECT 1 from c\_order where totalprice=10)

------------------------------------------------------

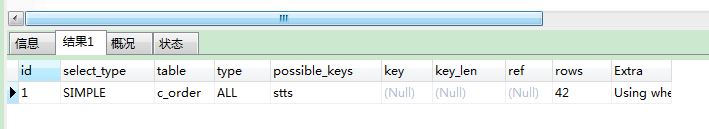
status int

alter table c\_order add index stts(status)

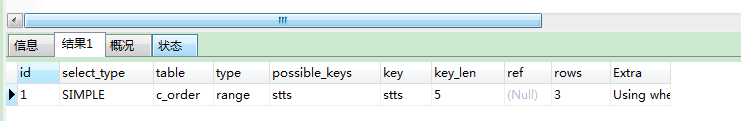
EXPLAIN SELECT \* from c\_order WHERE status not in(0)



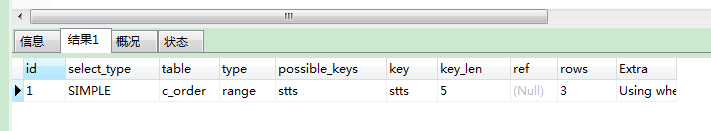
EXPLAIN SELECT \* from c\_order WHERE status < 10 or status > 10



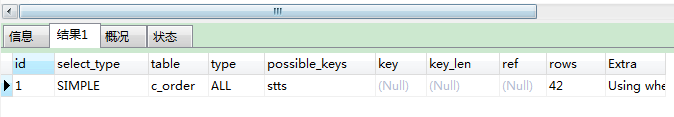
EXPLAIN SELECT \* from c\_order WHERE status in(10,11,12)



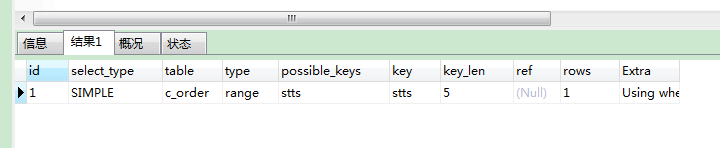
EXPLAIN SELECT \* from c\_order WHERE status in(10,100,1000)



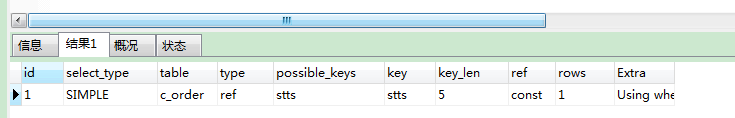
EXPLAIN SELECT \* from c\_order WHERE status not between 10 and 13



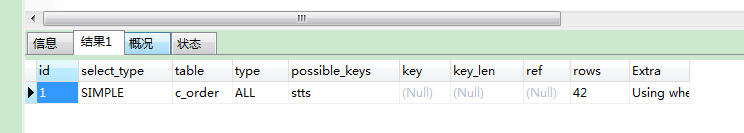
EXPLAIN SELECT \* from c\_order WHERE status between 10 and 13



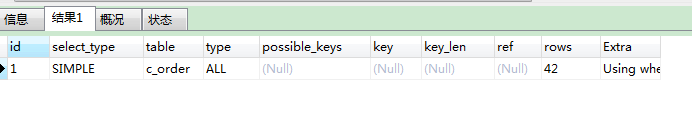
EXPLAIN SELECT \* from c\_order WHERE status is null



EXPLAIN SELECT \* from c\_order WHERE status is not null



EXPLAIN SELECT \* from c\_order WHERE status-1 > 10



ps: not in <> INDEX会导致全表扫描

in = INDEX不会导致全表扫描

between and INDEX并不会导致全表扫描

between and 等同 []

not between and INDEX会导致全表扫描

not between and 等同 x>MAX and x < MIN

is不会导致全表扫描

isnot null会导致全表扫描

对列进行操作会导致全表扫描