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teaches表

```
create trigger t_trigger after update or insert on teaches
for each row
begin
    select building as b1, time_slot_id as t1, room_number as r1
    from section
    where
        ( section.course_id = new.course_id
        and section.sec_id = new.sec_id
        and section.semester = new.semester
        and section.year = new.year;
        )
    select teaches.sec_id as id, section.building as b2, section.room_number as
r2
    from teaches natural join section
    where
        (teaches.ID = new.ID
        and section.time_slot_id = t1
        and section.semester = new.semester
        and section.year = new.year
        );
    if (b1 <> b2)
        rollback;
    else if (r1<>r2)
        rollback;
    else if id = new.sec_id
        rollback;
end
```

section表

```
create trigger s_trigger after update or insert on section
for each row
begin
    select building as b1, time_slot_id as t1, room_number as r1
    from new;
    select teaches.sec_id as id, section.building as b2, section.room_number as
r2
    from teaches natural join section
    where
        (teaches.ID =
            (select ID from new natural join teaches)
        and section.time_slot_id = t1
        and section.semester = new.semester
        and section.year = new.year
        );
    if (b1 <> b2)
        rollback;
    else if (r1<>r2)
        rollback;
```

```
else if id = new.sec_id  
  rollback;  
end
```