

实验六

本实验考察 view 的创建与使用，实验说明中提到的 create or replace 可以大大提高调试效率。

执行下面的语句：

```
create or replace view test6_01 as
select sid,name,dname
from pub.STUDENT
where age<20 and dname='物理学院'
order by sid;
```

```
create or replace view test6_02 as
select sid,name,sum(score) sum_score
from pub.STUDENT natural join pub.STUDENT_COURSE
where class='2009' and dname='软件学院'
group by sid,name;
```

```
create or replace view test6_03 as
select sid,pub.STUDENT.NAME,score
from pub.STUDENT join pub.STUDENT_COURSE using(sid) join pub.COURSE using(cid)
where class='2010' and dname='计算机科学与技术学院' and pub.COURSE.name='操作系统';
```

```
create or replace view test6_04 as
select sid,pub.STUDENT.NAME
from pub.STUDENT natural join pub.STUDENT_COURSE join pub.COURSE using(cid)
where score>90 and pub.COURSE.name='数据库系统';
```

```
create or replace view test6_05 as
select cid,pub.COURSE.NAME,score
from pub.STUDENT natural join pub.STUDENT_COURSE join pub.COURSE using(cid)
where pub.STUDENT.name='李龙';
```

```
create or replace view test6_06 as
select sid,name
from pub.STUDENT
where not exists(
    select cid from pub.COURSE
    minus
    select cid from pub.STUDENT_COURSE
    where pub.STUDENT_COURSE.sid=pub.STUDENT.sid
);
```

```
create or replace view test6_07 as
select sid,name
```

```
from pub.STUDENT
where not exists(
  select cid from pub.COURSE
  minus
  select cid from pub.STUDENT_COURSE
  where pub.STUDENT_COURSE.sid=pub.STUDENT.sid and score>=60
);
```

```
create or replace view test6_08 as
select a.cid,a.name
from pub.COURSE a join pub.COURSE b on a.FCID=b.CID
where b.CREDIT=2;
```

```
create or replace view test6_09 as
select sid, pub.STUDENT.NAME, sum(credit) sum_credit
from pub.STUDENT natural join pub.STUDENT_COURSE join pub.COURSE using(cid)
where score>59 and class='2010' and dname='化学与化工学院'
group by sid, pub.STUDENT.name;
```

```
create or replace view test6_10 as
select a.cid,a.name
from pub.COURSE a join pub.COURSE b on a.FCID=b.CID
  join pub.COURSE c on b.FCID=c.CID;
```

截图：

SQL 文件(F) 编辑(E) SQL执行(Q) 显示(V) 管理(A) 工具(T) 窗体(W) 帮助(H)

USER201605301353 @ 211

SQL 数据库 USER201605301353 @ 211

执行(E) 上一个(P) 下一个(N) 历史纪录(L) 退出(X)

1 select * from dbsql

结果

TIME	SQL	RETURNCODE
2019-05-04 19:49:05	create or replace view test6_03 as select sid, pub.STUDENT.NAME, score	0
2019-05-04 19:48:53	create or replace view test6_03 as select sid, name, score from pub. STU	918
2019-05-04 19:47:33	select * from test6_10	0
2019-05-04 19:47:23	create view test6_10 as select a.cid, a.name from pub. COURSE a join pu	0
2019-05-04 19:46:56	create view test6_10 as select a.cid, a.name, c.cid, c.name from pub. COU	957
2019-05-04 19:46:49	create view test6_10 as select a.cid, a.name, c.cid.c.name from pub. COU	904
2019-05-04 19:46:38	create view test6_10 as select a.cid, a.name, c.cid.c.name from pub. COU	904
2019-05-04 19:45:46	create view test6_10 as select a.cid, a.name, c.cid.c.name from pub. COU	904
2019-05-04 19:45:20	create view test6_10 as select a.cid, a.name, c.cid.c.name from pub. COU	904
2019-05-04 19:45:15	create view test6_10 as select a.cid, a.name, c.cid.c.name from pub. COU	904
2019-05-04 19:43:43	se	
2019-05-04 19:43:34	cr	
2019-05-04 19:41:29	cr	
2019-05-04 19:41:03	cr	
2019-05-04 19:38:40	cr	
2019-05-04 19:38:15	se	
2019-05-04 19:38:06	cr	
2019-05-04 19:32:18	cr	
2019-05-04 19:30:53	se	
2019-05-04 19:30:41	cr	

SQL 一览

选择(S) 退出(X)

select * from dbsql
select * from dbscore
create or replace view test6_03 as select sid, pub.STUDENT.NAME, score from pub. STUDENT join pub. STUDENT_COURSE using(sid) join pub. COU
create or replace view test6_03 as select sid, name, score from pub. STUDENT join pub. STUDENT_COURSE using(sid) join pub. COURSE using(ci
select * from dbscore
update dbtest set test=6
select * from test6_10
create view test6_10 as select a.cid, a.name from pub. COURSE a join pub. COURSE b on a.FCID=b.CID join pub. COURSE c on b.FCID=c.CID
create view test6_10 as select a.cid, a.name, c.cid, c.name from pub. COURSE a, pub. COURSE b, pub. COURSE c where a.FCID=b.CID and b.FCID=
create view test6_10 as select a.cid, a.name, c.cid.c.name from pub. COURSE a, pub. COURSE b, pub. COURSE c where a.FCID=b.CID and b.FCID=
create view test6_10 as select a.cid, a.name, c.cid.c.name from pub. COURSE a join pub. COURSE b on a.FCID=b.CID join pub. COURSE c on b.F
create view test6_10 as select a.cid, a.name, c.cid.c.name from pub. COURSE a join pub. COURSE b on a.FCID=b.CID join pub. COURSE on b.FCI
select * from test6_09
create view test6_09 as select sid, pub. STUDENT.NAME, sum(credit) sum_credit from pub. STUDENT natural join pub. STUDENT_COURSE join pub.
create view test6_08 as select a.cid, a.name from pub. COURSE a join pub. COURSE b on a.FCID=b.CID where b.CREDIT=2
create view test6_08 as select cid, name from pub. COURSE a join pub. COURSE b on a.FCID=b.CID where b.CREDIT=2
create view test6_07 as select sid, name from pub. STUDENT where not exists(select cid from pub. COURSE minus select cid fr

USER201605301353 @ 211.87.227.

处理时间00:00: