

CREATE OR REPLACE Procedure PROC\_parent

(

ERRNO Out Number,

ERRTEXT Out Varchar2) As

Begin

update t\_test2 set id=2;

PROC\_child(ERRNO,ERRTEXT);

commit;

End;

CREATE OR REPLACE Procedure PROC\_child

(

ERRNO Out Number,

ERRTEXT Out Varchar2) As

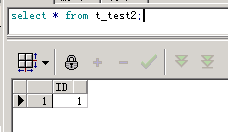
*-- PRAGMA AUTONOMOUS\_TRANSACTION;*

Begin

rollback;

End;

测试 PROC\_parent



打开自治事务

CREATE OR REPLACE Procedure PROC\_child

(

ERRNO Out Number,

ERRTEXT Out Varchar2) As

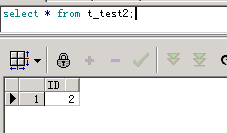
PRAGMA AUTONOMOUS\_TRANSACTION;

Begin

rollback;

End;

测试 PROC\_parent



CREATE OR REPLACE Procedure PROC\_parent

(

ERRNO Out Number,

ERRTEXT Out Varchar2) As

Begin

PROC\_child(ERRNO,ERRTEXT);

rollback;

End;

CREATE OR REPLACE Procedure PROC\_child

(

ERRNO Out Number,

ERRTEXT Out Varchar2) As

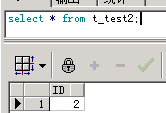
*-- PRAGMA AUTONOMOUS\_TRANSACTION;*

Begin

insert into t\_test2 values (2);

End;

测试 PROC\_parent



打开自治事务

CREATE OR REPLACE Procedure PROC\_child

(

ERRNO Out Number,

ERRTEXT Out Varchar2) As

PRAGMA AUTONOMOUS\_TRANSACTION;

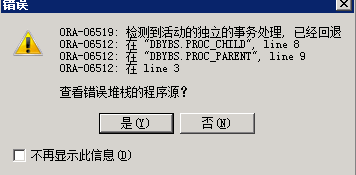
Begin

insert into t\_test2 values (2);

End;

测试 PROC\_parent

报错



ORA-06519: 检测到活动的独立的事务处理, 已经回退

ORA-06512: 在 "DBYBS.PROC\_CHILD", line 8

ORA-06512: 在 "DBYBS.PROC\_PARENT", line 9

ORA-06512: 在 line 3

查看错误堆栈的程序源？

自治事务必须显示rollback或commit？

CREATE OR REPLACE Procedure PROC\_parent

(

ERRNO Out Number,

ERRTEXT Out Varchar2) As

Begin

PROC\_child(ERRNO,ERRTEXT);

update t\_test2 set id=1;

End;

CREATE OR REPLACE Procedure PROC\_child

(

ERRNO Out Number,

ERRTEXT Out Varchar2) As

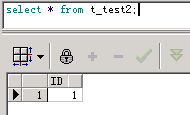
PRAGMA AUTONOMOUS\_TRANSACTION;

Begin

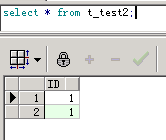
insert into t\_test2 values (2);

commit;

End;



测试 PROC\_parent



CREATE OR REPLACE Procedure PROC\_parent

(

ERRNO Out Number,

ERRTEXT Out Varchar2) As

Begin

insert into t\_test2 values (5);

PROC\_child(ERRNO,ERRTEXT);

rollback;

End;

CREATE OR REPLACE Procedure PROC\_child

(

ERRNO Out Number,

ERRTEXT Out Varchar2) As

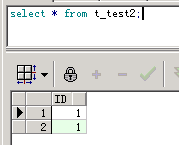
PRAGMA AUTONOMOUS\_TRANSACTION;

Begin

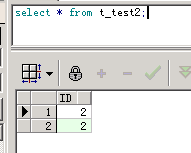
update t\_test2 set id=2;

commit;

End;



测试 PROC\_parent



关闭自治事务

CREATE OR REPLACE Procedure PROC\_child

(

ERRNO Out Number,

ERRTEXT Out Varchar2) As

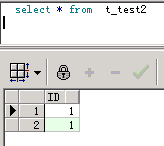
*--PRAGMA AUTONOMOUS\_TRANSACTION;*

Begin

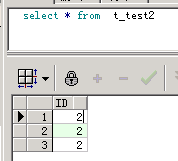
update t\_test2 set id=2;

commit;

End;



测试PROC\_parent



测试自治事务对临时表影响

create global temporary table TMP\_TRANSjhmx

(

id number

)

on commit delete rows;

CREATE OR REPLACE Procedure PROC\_parent

(

ERRNO Out Number,

ERRTEXT Out Varchar2) As

Begin

PROC\_child(ERRNO,ERRTEXT);

insert into t\_test2 select \* from tmp\_transjhmx;

commit;

End;

CREATE OR REPLACE Procedure PROC\_child

(

ERRNO Out Number,

ERRTEXT Out Varchar2) As

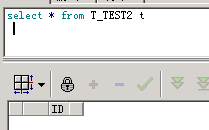
*--PRAGMA AUTONOMOUS\_TRANSACTION;*

Begin

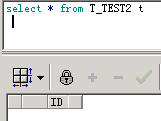
insert into tmp\_transjhmx values(1);

commit;

End;



测试PROC\_parent



CREATE OR REPLACE Procedure PROC\_child

(

ERRNO Out Number,

ERRTEXT Out Varchar2) As

*--PRAGMA AUTONOMOUS\_TRANSACTION;*

Begin

insert into tmp\_transjhmx values(1);

End;

