

Oracle Spatial类型添加检查限制(check constraint) PDF转换可能丢失图片或格式，建议阅读原文

[https://www.100test.com/kao\\_ti2020/273/2021\\_2022\\_Oracle\\_ati\\_c102\\_273445.htm](https://www.100test.com/kao_ti2020/273/2021_2022_Oracle_ati_c102_273445.htm) 下面的例子简单地演示了如何为Oracle中的

Spatial类型添加检查限制(check constraint). SQL> connect scott/tiger Connected. SQL> drop table footprints. drop table footprints \* ERROR at line 1: ORA-00942: table or view does not exist SQL> create type footprint\_type as object( geometry sdo\_geometry, name varchar2(32) ). 2 3 4 5 6 / Type created. SQL> create table footprints( footprint footprint\_type, time timestamp, constraint validsruid check (footprint.geometry.sdo\_sruid = -1), constraint validgtype check (footprint.geometry.sdo\_gtype = 2004 or footprint.geometry.sdo\_gtype=2007) ). 2 3 4 5 6 Table created. SQL> insert into footprints values( footprint\_type( sdo\_geometry(2004, 8307, null, sdo\_elem\_info\_array(1, 1003, 1), sdo\_ordinate\_array(2,4,4,3,10,3,2,4)), validate sruid constraints), 2 sysdate ). 3 4 5 6 7 8 insert into footprints values( \* ERROR at line 1: ORA-02290: check constraint (SCOTT.VALIDSRUID) violated SQL> insert into footprints values( footprint\_type( sdo\_geometry(2003, -1, null, sdo\_elem\_info\_array(1, 1003, 1), sdo\_ordinate\_array(2,4,4,3,10,3,2,4)), validate gtype constraints), 2 sysdate ). 3 4 5 6 7 8 insert into footprints values( \* ERROR at line 1: ORA-02290: check constraint (SCOTT.VALIDGTYPE) violated SQL> insert into footprints values( footprint\_type( sdo\_geometry(2004, -1, null, sdo\_elem\_info\_array(1, 1003, 1), sdo\_ordinate\_array(2,4,4,3,10,3,2,4)), 2 validate sruid constraints),

```
sysdate ). 3 4 5 6 7 8 1 row created. SQL> 0select * from  
footprints.FOOTPRINT(GEOMETRY(SDO_GTYPE, SDO_SRID,  
SDO_POINT(X, Y, Z), SDO_ELEM_INFO,  
SDO_O-----  
-----TIME-----  
-----FOOTPRINT_TYPE(SDO_GEOMET  
RY(2004, -1, NULL, SDO_ELEM_INFO_ARRAY(1, 1003, 1),  
SDO_ORDINATE_ARRAY(2, 4, 4, 3, 10, 3, 2, 4)), validate srid  
constraints)31-AUG-07 05.24.58.000000 PM 100Test 下载频道开  
通 , 各类考试题目直接下载。 详细请访问 www.100test.com
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