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-- File Name : https://oracle-base.com/dba/10g/segment\_advisor.sql

-- Author : Tim Hall

-- Description : Displays segment advice for the specified segment.

-- Requirements : Access to the DBMS\_ADVISOR package.

-- Call Syntax : Object-type = "tablespace":

-- @segment\_advisor.sql tablespace (tablespace-name) null

-- Object-type = "table" or "index":

-- @segment\_advisor.sql (object-type) (object-owner) (object-name)

-- Last Modified: 08-APR-2005

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SET SERVEROUTPUT ON SIZE 1000000

SET LINESIZE 200

SET VERIFY OFF

DECLARE

l\_object\_id NUMBER;

l\_task\_name VARCHAR2(32767) := 'SEGMENT\_ADVISOR\_TASK';

l\_object\_type VARCHAR2(32767) := UPPER('&1');

l\_attr1 VARCHAR2(32767) := UPPER('&2');

l\_attr2 VARCHAR2(32767) := UPPER('&3');

BEGIN

IF l\_attr2 = 'NULL' THEN

l\_attr2 := NULL;

END IF;

DBMS\_ADVISOR.create\_task (

advisor\_name => 'Segment Advisor',

task\_name => l\_task\_name);

DBMS\_ADVISOR.create\_object (

task\_name => l\_task\_name,

object\_type => l\_object\_type,

attr1 => l\_attr1,

attr2 => l\_attr2,

attr3 => NULL,

attr4 => 'null',

attr5 => NULL,

object\_id => l\_object\_id);

DBMS\_ADVISOR.set\_task\_parameter (

task\_name => l\_task\_name,

parameter => 'RECOMMEND\_ALL',

value => 'TRUE');

DBMS\_ADVISOR.execute\_task(task\_name => l\_task\_name);

FOR cur\_rec IN (SELECT f.impact,

o.type,

o.attr1,

o.attr2,

f.message,

f.more\_info

FROM dba\_advisor\_findings f

JOIN dba\_advisor\_objects o ON f.object\_id = o.object\_id AND f.task\_name = o.task\_name

WHERE f.task\_name = l\_task\_name

ORDER BY f.impact DESC)

LOOP

DBMS\_OUTPUT.put\_line('..');

DBMS\_OUTPUT.put\_line('Type : ' || cur\_rec.type);

DBMS\_OUTPUT.put\_line('Attr1 : ' || cur\_rec.attr1);

DBMS\_OUTPUT.put\_line('Attr2 : ' || cur\_rec.attr2);

DBMS\_OUTPUT.put\_line('Message : ' || cur\_rec.message);

DBMS\_OUTPUT.put\_line('More info : ' || cur\_rec.more\_info);

END LOOP;

DBMS\_ADVISOR.delete\_task(task\_name => l\_task\_name);

EXCEPTION

WHEN OTHERS THEN

DBMS\_OUTPUT.put\_line('Error : ' || DBMS\_UTILITY.format\_error\_backtrace);

DBMS\_ADVISOR.delete\_task(task\_name => l\_task\_name);

END;

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