

Script pour le calcul de volume des tables

⇒ Table Clinique

```
SET SERVEROUTPUT ON
DECLARE
v_used_bytes NUMBER(10);
v_Allocated_Bytes NUMBER(10);
v_type sys.create_table_cost_columns;
BEGIN
v_Type := sys.create_table_cost_columns(
sys.create_table_cost_colinfo('INTEGER',10),
sys.create_table_cost_colinfo('VARCHAR2',50),
sys.create_table_cost_colinfo('VARCHAR2',254),
sys.create_table_cost_colinfo('VARCHAR2',30),
sys.create_table_cost_colinfo('VARCHAR2',30),
sys.create_table_cost_colinfo('VARCHAR2',30),
sys.create_table_cost_colinfo('VARCHAR2',100));
DBMS_SPACE.CREATE_TABLE_COST('USERS',v_Type,10, 10,v_used_Bytes,v_Allocated_Bytes);
DBMS_OUTPUT.PUT_LINE('Table Clinique ==> Used Bytes: ' || TO_CHAR(v_used_Bytes) || ',
Allocated Bytes: ' || TO_CHAR(v_Allocated_Bytes));
END;
/
```

⇒ Table ExamenClinique

```
SET SERVEROUTPUT ON
DECLARE
v_used_bytes NUMBER(10);
v_Allocated_Bytes NUMBER(10);
v_type sys.create_table_cost_columns;
BEGIN
v_Type := sys.create_table_cost_columns(
sys.create_table_cost_colinfo('INTEGER',10),
sys.create_table_cost_colinfo('INTEGER',10),
sys.create_table_cost_colinfo('VARCHAR2',254),
sys.create_table_cost_colinfo('VARCHAR2',254));
DBMS_SPACE.CREATE_TABLE_COST('USERS',v_Type,10, 10,v_used_Bytes,v_Allocated_Bytes);
DBMS_OUTPUT.PUT_LINE('Table ExamenClinique ==> Used Bytes: ' || TO_CHAR(v_used_Bytes) || '
, Allocated Bytes: ' || TO_CHAR(v_Allocated_Bytes));
END;
/
```

⇒ Table Médecin

```
SET SERVEROUTPUT ON
DECLARE
v_used_bytes NUMBER(10);
v_Allocated_Bytes NUMBER(10);
v_type sys.create_table_cost_columns;
BEGIN
v_Type := sys.create_table_cost_columns(
sys.create_table_cost_colinfo('INTEGER',10),
sys.create_table_cost_colinfo('VARCHAR2',30),
sys.create_table_cost_colinfo('VARCHAR2',30),
sys.create_table_cost_colinfo('VARCHAR2',100),
sys.create_table_cost_colinfo('NUMBER',10),
sys.create_table_cost_colinfo('VARCHAR2',20));
DBMS_SPACE.CREATE_TABLE_COST('USERS',v_Type,10, 10,v_used_Bytes,v_Allocated_Bytes);
DBMS_OUTPUT.PUT_LINE('Used Bytes: ' || TO_CHAR(v_used_Bytes) || ' Allocated Bytes: ' ||
TO_CHAR(v_Allocated_Bytes));
END;
/
```

⇒ Table Patient

```
SET SERVEROUTPUT ON
DECLARE
v_used_bytes NUMBER(10);
v_Allocated_Bytes NUMBER(10);
v_type sys.create_table_cost_columns;
BEGIN
v_Type := sys.create_table_cost_columns(
sys.create_table_cost_colinfo('INTEGER',10),
sys.create_table_cost_colinfo('VARCHAR2',30),
sys.create_table_cost_colinfo('VARCHAR2',30),
sys.create_table_cost_colinfo('DATE',NULL),
sys.create_table_cost_colinfo('INTEGER',3),
sys.create_table_cost_colinfo('SMALLINT',1),
sys.create_table_cost_colinfo('INTEGER',2),
sys.create_table_cost_colinfo('INTEGER',2),
sys.create_table_cost_colinfo('VARCHAR2',254),
sys.create_table_cost_colinfo('VARCHAR2',254),
sys.create_table_cost_colinfo('VARCHAR2',30),
sys.create_table_cost_colinfo('VARCHAR2',30),
sys.create_table_cost_colinfo('VARCHAR2',30),
sys.create_table_cost_colinfo('INTEGER',2),
sys.create_table_cost_colinfo('VARCHAR2',100));
DBMS_SPACE.CREATE_TABLE_COST('USERS',v_Type,
10, 10,v_used_Bytes,v_Allocated_Bytes);
DBMS_OUTPUT.PUT_LINE('Used Bytes: ' || TO_CHAR(v_used_Bytes) || ' Allocated Bytes: ' ||
TO_CHAR(v_Allocated_Bytes));
END;
/
```

⇒ Table Affectation

```
SET SERVEROUTPUT ON
DECLARE
v_used_bytes NUMBER(10);
v_Allocated_Bytes NUMBER(10);
v_type sys.create_table_cost_columns;
BEGIN
v_Type := sys.create_table_cost_columns(
sys.create_table_cost_colinfo('NUMBER',10),
sys.create_table_cost_colinfo('NUMBER',10),
sys.create_table_cost_colinfo('VARCHAR2',30));
DBMS_SPACE.CREATE_TABLE_COST('USERS',v_Type,
10, 10,v_used_Bytes,v_Allocated_Bytes);
DBMS_OUTPUT.PUT_LINE('Used Bytes: ' || TO_CHAR(v_used_Bytes) || ' Allocated Bytes: ' ||
TO_CHAR(v_Allocated_Bytes));
END;
/
```

⇒ Table Prinscription

```
SET SERVEROUTPUT ON
DECLARE
v_used_bytes NUMBER(10);
v_Allocated_Bytes NUMBER(10);
v_type sys.create_table_cost_columns;
BEGIN
v_Type := sys.create_table_cost_columns(
sys.create_table_cost_colinfo('INTEGER',10),
sys.create_table_cost_colinfo('INTEGER',10),
sys.create_table_cost_colinfo('INTEGER',10),
sys.create_table_cost_colinfo('NUMBER',10),
sys.create_table_cost_colinfo('NUMBER',10));
DBMS_SPACE.CREATE_TABLE_COST('USERS',v_Type,
10, 10,v_used_Bytes,v_Allocated_Bytes);
DBMS_OUTPUT.PUT_LINE('Used Bytes: ' || TO_CHAR(v_used_Bytes) || ' Allocated Bytes: ' ||
TO_CHAR(v_Allocated_Bytes));
END;
/
```

⇒ Table RendezVous

```
SET SERVEROUTPUT ON
DECLARE
v_used_bytes NUMBER(10);
v_Allocated_Bytes NUMBER(10);
v_type sys.create_table_cost_columns;
BEGIN
v_Type := sys.create_table_cost_columns(
sys.create_table_cost_colinfo('INTEGER',10),
sys.create_table_cost_colinfo('INTEGER',10),
sys.create_table_cost_colinfo('INTEGER',10),
sys.create_table_cost_colinfo('INTEGER',10),
sys.create_table_cost_colinfo('DATE',NULL),
sys.create_table_cost_colinfo('DATE', NULL));
DBMS_SPACE.CREATE_TABLE_COST('USERS',v_Type,
10, 10,v_used_Bytes,v_Allocated_Bytes);
DBMS_OUTPUT.PUT_LINE('Used Bytes: ' || TO_CHAR(v_used_Bytes) || ' Allocated Bytes: ' ||
TO_CHAR(v_Allocated_Bytes));
END;
/
```

⇒ Table Visite

```
SET SERVEROUTPUT ON
DECLARE
v_used_bytes NUMBER(10);
v_Allocated_Bytes NUMBER(10);
v_type sys.create_table_cost_columns;
BEGIN
v_Type := sys.create_table_cost_columns(
sys.create_table_cost_colinfo('INTEGER',10),
sys.create_table_cost_colinfo('INTEGER',10),
sys.create_table_cost_colinfo('INTEGER',10),
sys.create_table_cost_colinfo('INTEGER',10),
sys.create_table_cost_colinfo('DATE',NULL),
sys.create_table_cost_colinfo('VARCHAR2', 254));
DBMS_SPACE.CREATE_TABLE_COST('USERS',v_Type,
10, 10,v_used_Bytes,v_Allocated_Bytes);
DBMS_OUTPUT.PUT_LINE('Used Bytes: ' || TO_CHAR(v_used_Bytes) || ' Allocated Bytes: ' ||
TO_CHAR(v_Allocated_Bytes));
END;
/
```

⇒ Table Ordonnance

```
SET SERVEROUTPUT ON
DECLARE
v_used_bytes NUMBER(10);
v_Allocated_Bytes NUMBER(10);
v_type sys.create_table_cost_columns;
BEGIN
v_Type := sys.create_table_cost_columns(
sys.create_table_cost_colinfo('INTEGER',10),
sys.create_table_cost_colinfo('INTEGER',10),
sys.create_table_cost_colinfo('DATE',NULL),
sys.create_table_cost_colinfo('DATE',NULL),
sys.create_table_cost_colinfo('VARCHAR2', 254));
DBMS_SPACE.CREATE_TABLE_COST('USERS',v_Type,
10, 10,v_used_Bytes,v_Allocated_Bytes);
DBMS_OUTPUT.PUT_LINE('Used Bytes: ' || TO_CHAR(v_used_Bytes) || ' Allocated Bytes: ' ||
TO_CHAR(v_Allocated_Bytes));
END;
/
```

⇒ Table Médicament

```
SET SERVEROUTPUT ON
DECLARE
v_used_bytes NUMBER(10);
v_Allocated_Bytes NUMBER(10);
v_type sys.create_table_cost_columns;
BEGIN
v_Type := sys.create_table_cost_columns(
sys.create_table_cost_colinfo('INTEGER',10),
sys.create_table_cost_colinfo('VARCHAR2',100),
sys.create_table_cost_colinfo('VARCHAR2', 50));
DBMS_SPACE.CREATE_TABLE_COST('USERS',v_Type,
10, 10,v_used_Bytes,v_Allocated_Bytes);
DBMS_OUTPUT.PUT_LINE('Used Bytes: ' || TO_CHAR(v_used_Bytes) || ' Allocated Bytes: ' ||
TO_CHAR(v_Allocated_Bytes));
END;
/
```

⇒ Table Facture

```
SET SERVEROUTPUT ON
DECLARE
v_used_bytes NUMBER(10);
v_Allocated_Bytes NUMBER(10);
v_type sys.create_table_cost_columns;
BEGIN
v_Type := sys.create_table_cost_columns(
sys.create_table_cost_colinfo('INTEGER',10),
sys.create_table_cost_colinfo('INTEGER',10),
sys.create_table_cost_colinfo('DATE',NULL),
sys.create_table_cost_colinfo('FLOAT',10),
sys.create_table_cost_colinfo('FLOAT', 10));
DBMS_SPACE.CREATE_TABLE_COST('USERS',v_Type,
10, 10,v_used_Bytes,v_Allocated_Bytes);
DBMS_OUTPUT.PUT_LINE('Used Bytes: ' || TO_CHAR(v_used_Bytes) || ' Allocated Bytes: ' ||
TO_CHAR(v_Allocated_Bytes));
END;
/
```

```
set serveroutput on

DECLARE
ub NUMBER;
ab NUMBER;
BEGIN
dbms_space.create_index_cost('CREATE INDEX idx_examenclinique ON
"ExamenClinique"("idExamenClinique","idVisite")', ub, ab);

dbms_output.put_line('Used Bytes: ' || TO_CHAR(ub));
dbms_output.put_line('Alloc Bytes: ' || TO_CHAR(ab));
END;
/
```