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| EPAM Systems, RD Dep. |
| MTN.BI.08 Transportation |

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| REVISION HISTORY | | | | | |
| Ver. | Description of Change | Author | Date | Approved | |
| Name | Effective Date |
| 1.0 | Report on task | Olga Hilko | 05-DEC-2017 |  |  |

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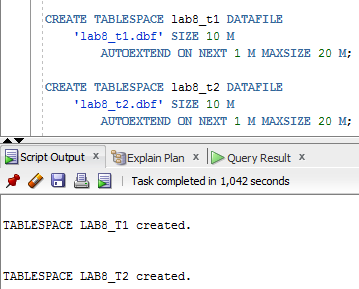
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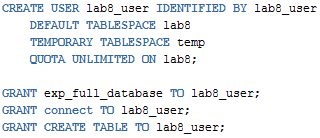
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# Transportable Tablespaces

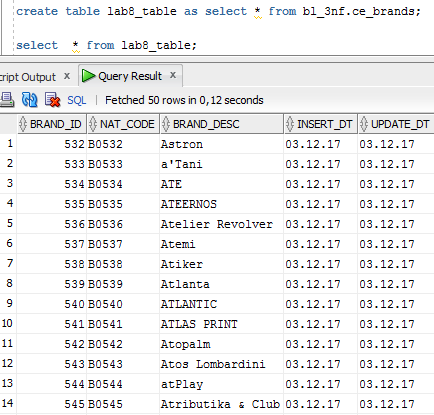
Create table spaces

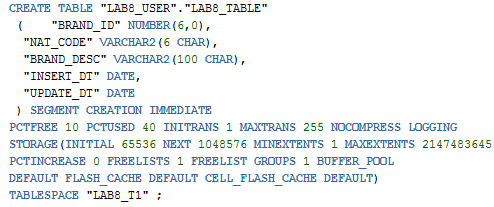


Create user for lab work

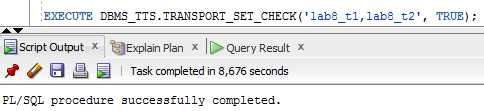


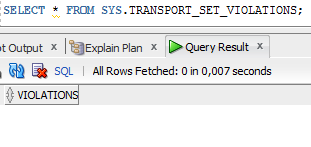
Create table under the lab8\_user and check the table space with the help of creation script





Check ability of table space transport and find out the restrictions / violations



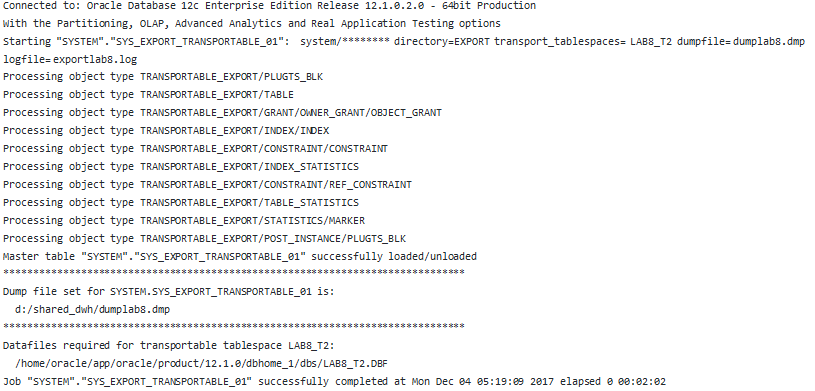


Drive table space into read only mode



Create directory for export and start export itself (expdp)





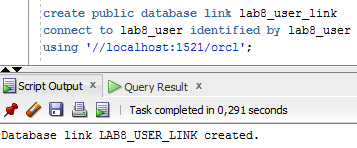
Then import the tablespace by the same example

# DB Link

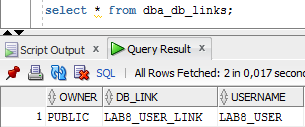
Grant lab8\_user to create DB links

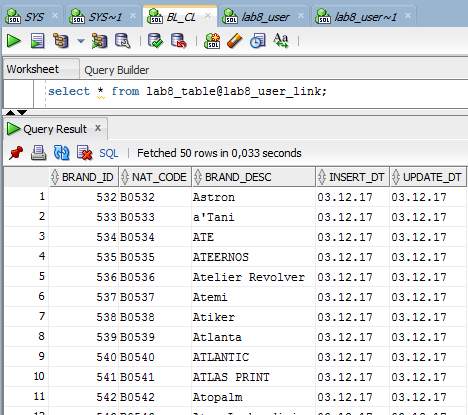


Create DB link



Check it





# Table Functions

Replace at least one cleansing (CLS) table with Oracle Table function.

## Create type

CREATE TYPE t\_tf\_row AS OBJECT (

id NUMBER,

description VARCHAR2(50)

);

/

## Create table function

CREATE TYPE t\_tf\_tab IS TABLE OF t\_tf\_row;

CREATE OR REPLACE FUNCTION get\_tab\_tf (p\_rows IN NUMBER) RETURN t\_tf\_tab AS

l\_tab t\_tf\_tab := t\_tf\_tab();

BEGIN

FOR i IN 1 .. p\_rows LOOP

l\_tab.extend;

l\_tab(l\_tab.last) := t\_tf\_row(i, 'Description for ' || i);

END LOOP;

RETURN l\_tab;

END;

/

## Execution test

SELECT \*

FROM TABLE(get\_tab\_tf(10))

ORDER BY id DESC;