

PL/SQL run from SQL

The following is an example of a PL/SQL PROCEDURE that can be run directly in SQLPlus.

This procedure copies from one table and inserts records into another. For regular tables this process could be performed using an INSERT statement with an imbedded SELECT. However, this table has a field with a LONG datatype and the standard INSERT with an imbedded SELECT will not work.

```
*/
DECLARE

    A_MAXTRIGGERRec    A_MAXTRIGGERS%RowType;
    CURSOR cINSERTLONG IS
        SELECT
            TRIGGERNAME,
            TBNAME,
            TRIGBODY
        From MAXTRIGGERS;

BEGIN

    OPEN cINSERTLONG;

    LOOP

        FETCH cINSERTLONG INTO
            A_MAXTRIGGERRec.TRIGGERNAME,
            A_MAXTRIGGERRec.TBNAME,
            A_MAXTRIGGERRec.TRIGBODY;

        EXIT WHEN cINSERTLONG%NOTFOUND;

        INSERT INTO A_MAXTRIGGERS (
            TRIGGERNAME,
            TBNAME,
            TRIGBODY,
            ERECUSERNAME,
            ERECTIMESTAMP,
            ERECIUD,
            ESIGTRANSID)
        VALUES (
            A_MAXTRIGGERRec.TRIGGERNAME,
            A_MAXTRIGGERRec.TBNAME,
            A_MAXTRIGGERRec.TRIGBODY,
            'MAXIMO',
            sysdate,
            'B',
            NULL
        );

    END LOOP;
    CLOSE cINSERTLONG;
    commit;

END;
```