

UTL_COLL

The UTL_COLL package lets PL/SQL programs use collection locators to query and update.

This chapter contains the following topics:

- [Summary of UTL_COLL Subprograms](#)

Summary of UTL_COLL Subprograms

The UTL_COLL package has one subprogram, the IS_LOCATOR function.

Table 286-1 UTL_COLL Package Subprograms

Subprogram	Description
IS_LOCATOR Function	Determines whether a collection item is actually a locator or not

IS_LOCATOR Function

This function determines whether a collection item is actually a locator or not.

Syntax

```
UTL_COLL.IS_LOCATOR (  
    coln IN STANDARD)  
    RETURNS BOOLEAN;
```

Pragmas

Asserts WNDS, WNPS and RNPS pragmas

Parameters

Table 286-2 IS_LOCATOR Function Parameters

Parameter	Description
coln	Nested table or varray item.

Return Values

Table 286-3 IS_LOCATOR Function Return Values

Return Value	Description
1	Collection item is indeed a locator.
0	Collection item is not a locator.

Examples

```

CREATE OR REPLACE TYPE list_t AS TABLE OF VARCHAR2(20);
/

CREATE OR REPLACE TYPE phone_book_t AS OBJECT (
    pno    number,
    ph     list_t );
/

CREATE TABLE phone_book OF phone_book_t
    NESTED TABLE ph STORE AS nt_ph;
CREATE TABLE phone_book1 OF phone_book_t
    NESTED TABLE ph STORE AS nt_ph_1 RETURN LOCATOR;

INSERT INTO phone_book VALUES(1, list_t('650-633-5707','650-323-0953'));
INSERT INTO phone_book1 VALUES(1, list_t('415-555-1212'));

CREATE OR REPLACE PROCEDURE chk_coll IS
    plist list_t;
    plist1 list_t;
BEGIN
    SELECT ph INTO plist FROM phone_book WHERE pno=1;

    SELECT ph INTO plist1 FROM phone_book1 WHERE pno=1;

    IF (UTL_COLL.IS_LOCATOR(plist)) THEN
        DBMS_OUTPUT.PUT_LINE('plist is a locator');
    ELSE
        DBMS_OUTPUT.PUT_LINE('plist is not a locator');
    END IF;

    IF (UTL_COLL.IS_LOCATOR(plist1)) THEN
        DBMS_OUTPUT.PUT_LINE('plist1 is a locator');
    ELSE
        DBMS_OUTPUT.PUT_LINE('plist1 is not a locator');
    END IF;

END chk_coll;

SET SERVEROUTPUT ON
EXECUTE chk_coll;

```