Columnas y Tablas tipo objeto

La★Salle

Columnas

```
CREATE OR REPLACE TYPE person_typ AS OBJECT(
idno VARCHAR2(9),
firstname VARCHAR2(25),
lastname VARCHAR2(25),
email VARCHAR2(25),
phone VARCHAR2(20),
MEMBER FUNCTION getIdno RETURN VARCHAR2,
MEMBER PROCEDURE displayDetails);

CREATE TYPE BODY person_typ AS
MEMBER FUNCTION getIdno RETURN VARCHAR2 IS
 BEGIN
  RETURN idno;
 END;
MEMBER PROCEDURE displayDetails IS
 BEGIN
  dbms_output.put_line(idno||' '||firstname||' '||lastname||' '||email||' '||phone);
 END;
END;
```

```
CREATE TABLE contacts(
  contact person_typ,
  contact_date DATE);
```

INSERCIONES

```
INSERT INTO contacts VALUES
(person_typ('22446688A','Veronica','Mils','vmils@oracle.com','93456987'),sysdate);
```

CONSULTAS

```
DECLARE
 persona person_typ;
BEGIN
 SELECT contact INTO persona FROM contacts c WHERE c.contact.idno='22446688A';
 persona.displayDetails();
END;
```

MODIFICACIONES

```
UPDATE contacts c SET c.contact.phone = '88888888' WHERE c.contact.idno='22446688A';
```

BORRADO

```
DELETE FROM contacts c WHERE c.contact.idno='22446688A';
```

Tablas

CREATE TABLE person_table OF person_typ;

CREATE TABLE person_table OF person_typ (idno PRIMARY KEY, firstname NOT NULL, lastname NOT NULL);

INSERCIONES
INSERT INTO person_table VALUES (person_typ('22446688A','Veronica','Mils','vmils@oracle.com','93456987'));

CONSULTAS
```
DECLARE
 persona person_typ;
BEGIN
 SELECT VALUE(p) INTO persona FROM person_table p WHERE p.idno='22446688A';
 persona.displayDetails();
END;
```

MODIFICACIONES
UPDATE person_table p SET p.phone = '88888888' WHERE p.idno='22446688A';

BORRADO
DELETE FROM person_table p WHERE p.idno='22446688A';

"Nada es absoluto. Todo cambia, todo se mueve, todo gira, todo vuela y desaparece"

FRIDA KAHLO

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