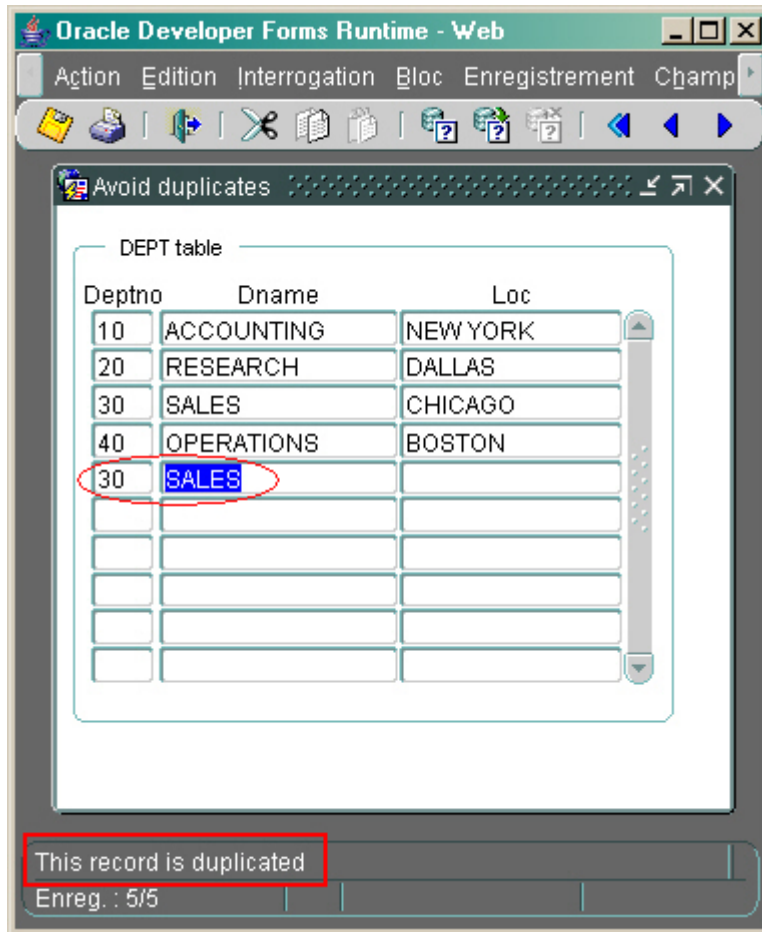


Oracle Forms

Avoid duplicated records in a block

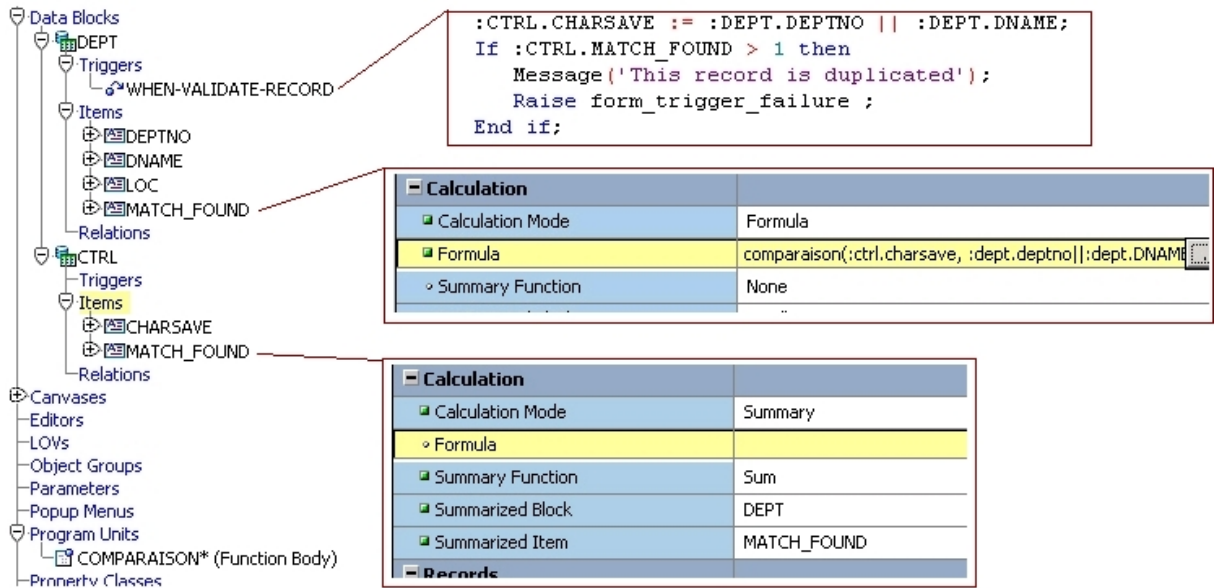
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The purpose is to reject two records that contain duplicated values.



The technique used to solve this problem comes from the [Kevin D Clarke](#)'s calculated item famous solution.

It uses two calculated items, one in the data block and another in a control block.



The first calculated item (:DEPT.MATCH_FOUND) is added to the DEPT block. It contains the formula as follow:

```
Comparaison(:ctrl.charsave, :dept.deptno || :dept.dname)
```

Notice in this case, that we want to avoid duplicates on both DEPTNO and DNAME values.

```
Function COMPARAISON (val1 varchar2, val2 varchar2)
Return number
Is
    answer number := 0;
Begin
    if val1 = val2 then
        answer := 1;
    end if;
    return(answer);
End;
```

COMPARAISON is a program unit stored in the Forms module.

The two values are compared to each other, then the function returns 1 (a value greatest than 0) if both the values are identical.

The first value (:ctrl.charsave) contains the backup value of the current record.

The DEPT block must have the following properties setting:

Query all records	YES
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The CTRL block must have the following properties setting:

Query all records	YES
Single record	YES
Database data block	NO

The second calculated item (:CTRL.MATCH_FOUND) is added to the CTRL block. It summarize the values contained in all the rows of the DEPT block (dept.match_found).

If the total is greater than 1, we have two duplicated data.

The sample dialog

- [Download the DUPLICATES.fmb](#) sample dialog for you to test