

Re: compare 2 recordsets

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"RB Smissaert" <bartsmissaert@xxxxxxxxxxxxxxxxxxxx> wrote in message news:OwWCChmAIHA.1168@xxxxxxxxxxxxxxxxxxxxxxxxxxxx

Yes, 2 databases, so I can't do it in SQL.

Why not?

Every database I know has a method of registering a 3rd party database with itself.

For SQL Server, it is stored procedure

sp_addlinkedserver

with arguments

```
sp_addlinkedserver [ @server = ] 'server'  
[ , [ @srvproduct = ] 'product_name' ]  
[ , [ @provider = ] 'provider_name' ]  
[ , [ @datasrc = ] 'data_source' ]  
[ , [ @location = ] 'location' ]  
[ , [ @provstr = ] 'provider_string' ]  
[ , [ @catalog = ] 'catalog' ]
```

After that I could do

```
DELETE FROM tablename where somefield IN (SELECT somefield FROM  
remoteserver.dbo.anothertablename)
```

Far quicker than the 2-recordset approach

But on the 2-recordset approach:

It is not a double loop.

It is a single loop anti-merge (and very fast).

Something like

=====

```
IF not recA.EOF and not recB.EOF THEN
```

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```
DO
If recA.Item.Fld1 < rec2.Item.FldB THEN
recA.Delete
recA.MoveNext
If recA.EOF THEN EXIT DO
ELSEIf recA.Item.Fld1 > recB.Item.Fld1 THEN
recB.MoveNext
If recB.EOF THEN EXIT DO
ELSE
' they are equal
recA.MoveNext
recB.MoveNext
If recA.EOF or recB.EOF THEN EXIT DO
END IF
LOOP
END IF
```

'Deal with the fact that recA may not be exhausted but recB must be (other case needs no consideration)

```
DO WHILE NOT recA.EOF
recA.Delete
recA.MoveNext
LOOP
```

=====

Note you did not say if recA or recB could have repeated values
If they can I would change

```
ELSE
' they are equal
recA.MoveNext
recB.MoveNext
If recA.EOF or recB.EOF THEN EXIT DO
END IF
```

to

```
ELSE
' they are equal
recA.MoveNext
If recA.EOF THEN EXIT DO
END IF
```

so that all A's duplicate values match the B record

Stephen Howe

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