

REWRITE query

Source: <http://coding.derkeiler.com/Archive/Cobol/comp.lang.cobol/2004-01/0550.html>

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Hi,

I am trying to amend a record already on file using rewrite.
This para first gets the account number to be amended, from the user.
Then reads 'file1' to see if this account exists. Then, if it does,
it reads 'file2'
for the first transaction corresponding to this account number, and
displays the amount.
I then try to do a rewrite of the amount but get a file status 23 even
though this
record is on file2.

This file status of '23' (record not found) is after the rewrite.
When I read the file before-hand it displays the correct amount for
that specific
account, as it should, but then I try to rewrite with the new amount
and have this problem.
I have checked the file keys and they 'seem' to have the correct
values.

This is the same file setup I use for adding to both 'file1' and
'file2' and I have no
problems there.

I'm not sure what's going wrong here.
Could the keys be defined incorrectly? I suspect that this could be
the case.

Any help would be much appreciated.

Thanks in advance,
Ritchie

P.S (using Fujitsu v3 compiler)
PLEASE forgive the formatting.

***** START CODE

comp.lang.cobol: REWRITE query

FILE-CONTROL.

```
select file1 assign "file1.dat"  
  ORGANIZATION IS Indexed  
  ACCESS MODE IS DYNAMIC  
  RECORD KEY IS Account-no  
  ALTERNATE RECORD KEY IS Account-name  
  WITH DUPLICATES  
  FILE STATUS IS file1-status.  
select Transactions ASSIGN TO "file2.dat"  
  ORGANIZATION IS Indexed  
  ACCESS MODE IS DYNAMIC  
  RECORD KEY IS Transaction-no  
  ALTERNATE RECORD KEY IS Transaction-date  
  WITH DUPLICATES  
  FILE STATUS IS file2-status.
```

...

FD Accounts.

01 file1.

```
  03 Account-no PIC X(14).  
  03 Account-lname PIC A(30).
```

....

FD Transactions.

01 file2.

```
  03 Transaction-no.  
    05 Transaction-ac PIC X(14).  
  ...  
  05 trans-amt PIC 9(5)v99.
```

...

AMEND-TRANS

```
***get account num from user  
  display "Enter account no > "  
  accept account-no-in  
***move value to file1 key  
  move account-no-in to file1-key  
  read file1  
    invalid key  
    ..  
    not invalid key  
      if file-status-ok  
        display "Account found"  
      end-if  
***move file1 key to file2 key for read of file2  
  move file1-key to file2-key  
  
  set not-eof-file2 to true  
***start file2 at position of the account number found from file1 read  
(ok up to here)  
  start file2 KEY >= account-no-in  
  
  perform until eof-file2 or file1-key not = Transaction-ac  
    read file2 next record at end set eof-file2 to true
```

comp.lang.cobol: REWRITE query

```
not at end
  if file1-key = file2-key
    set not-eof-file2 to true
***display amount fr this account (still ok up to here)
    display "Transaction old amount > " trans-amt

    display "Enter new amount"
    accept new-amt

    move new-amt TO trans-amt
    rewrite file2
    end-rewrite
***ERROR - file status 23 here - but record is on file.
    end-if
    end-read
  end-perform.
*****END CODE*****
```