Subject: MULTI4 Update Problem
Posted by ajwid01 on Wed, 24 Jun 2009 10:12:29 GMT
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Hi,

I have successfully implemented a MULTI2 pattern, where I can bulk update multiple child records of a parent.

However, when I am attempting a MULTI4 pattern for the same parent/child, I am encountering an issue with the update against the parent.

For some reason, after submit, the SQL is attempting to make a modification to the second element of the PK (which is not actually listed as modifiable).

The field is a VARCHAR2(4), and the return code suggests that it is being attempted to update this field to more than 4 characters.

("order_line_no cannot be greater than 4 characters.")

Actually, maybe this is not an output from a SQL error, but an inbuilt validation output, but I can't understand why it can report a validated field value but pressing submit would potentially alter the PK composite to something which would violate the mechanics.

T.

Subject: Re: MULTI4 Update Problem
Posted by ajwid01 on Wed, 24 Jun 2009 15:39:00 GMT
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As an update:

There are a couple of different scenarios occurring here:

Case 1:

Parent Record has NO Child Records

Parent/Outer records can be ammended, and correctly updates on submit.

Case 2:

Parent Record HAS Child Records

Parent and Child records can be ammended, but pressing submit generates an error suggesting that the parent composite PK field(2) is too long.

At this point, the parent record is still visible, but the child records are missing from the screen display.

Re-pressing submit allows the parent record to be updated successfully.

However, refreshing the screen/re-navigating to this record shows that the child record edits have not been applied.

Any attempt to ammend the child records results in the same error (suggesting that the PK second field is too long on the parent record).

T.

Subject: Re: MULTI4 Update Problem
Posted by AJM on Wed, 24 Jun 2009 21:00:38 GMT
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I have a MULTI4 task in the data dictionary (update relaionship) which works OK, so there is nothing wrong with the basic code. I cannot reproduce the error you are gettig, so I cannot debug it.

This is where you need to step through with your debugger to see where the code is going wrong.

Subject: Re: MULTI4 Update Problem
Posted by ajwid01 on Thu, 25 Jun 2009 08:42:59 GMT
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Still not debugged this BUT:

This morning I decided to carry on and "refine" a few things within the application anyway - such as the actual columns that I didn't want to be edittable (for the future).

Once I had actually done this, the MULTI4 pattern worked perfectly fine. Updates were successful to both inner and outer record sets!

Ho-hum!

I'll likely come back to this at some point, for academic value, and see if I can debug what was happening earlier.

T.

Subject: Re: MULTI4 Update Problem
Posted by AJM on Thu, 25 Jun 2009 08:58:15 GMT
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I'm glad your problem is sorted. If it has disappeared it might prove difficult to debug in the future as you may not be able to recreate the conditions which caused this problem.

One thing that you have to remember after modifying a database table is that you must import the new schema into the data dictionary so that it is in sync, then you must export the changed tables so that the application has access to the latest <table>.dict.inc files. If, for example, you change a table to add a second column to the primary key but forget to import/export the changes, then the framework does not know that the 2nd column is part of the key. Similarly if you change the size of a column - unless you import/export the change the framework will work with the old values.
