

Re: Me.Dirty – Where to put this logic?

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- *From:* "Dirk Goldgar" <dg@xxxxxxxxxxxxxxxxxxxxxxxxxxxxx>
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In 6f2357ee0d2e1@uwe">news:6f2357ee0d2e1@uwe,
ar013871 via AccessMonster.com <u23484@uwe> wrote:

Okay,

Here is the setup of this monster database that we're using. We have an Access frontend with SQL server backend. We have about 14 tables that all link to one main table via main table's PK. To present this data, we have forms that have 14 sub-forms on them (long story, but in order to get what we needed, this was how we got it to work). We have the SQL server residing on one server and then six laptops connect to that server via wireless router (again, due to the mobility of the laptops, it has to be wireless). So at one time, there are six users entering data, but never working on the same person at the same time. Lately we've been experiencing, what seems to be a common error, the write conflict error where the only options are Save, Copy to Clipboard or Drop Changes. With me so far?

Okay, so it is my understanding that as a user tabs through the form and fills out the appropriate text boxes, check boxes, and option buttons, the record does not save until the form is closed, correct? This is when the record is considered "dirty," it's there but not written to SQL. In doing some research, it looks like I need to utilize the following logic:

```
If Me.Dirty = True Then  
Me.Dirty = False  
End If
```

My question is where to do I put this? Do I put in in the OnExit event of the subform? Does it go in each AfterUpdate event for each control on the form (this would be ridiculous (there's thousands))? Does it go in the AfterUpdate event of the main form? With this setup, I can set many places to put it, I just need to make sure it's in the right spot so the error goes away. Please let me know.

When the focus changes from the main form to a subform, the main form's record will be saved automatically if the form is dirty. When the focus

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changes from a subform to the main form, the subform's record will be saved automatically, if the subform is dirty. So there's no point in trying to save records as you switch between main form and subform.

Is it taking the users a long time to fill out the form or subform, so that the record remains dirty for a long time? You say that the users are never "working on the same person at the same time." Given that you have a SQL Server back-end, I'm not sure why you're getting write conflicts, unless "working on a person" involves updating records that may be in common between two "persons". That is, unless your problem isn't really one of true write conflicts, but rather a configuration or data problem that is causing Access to *think* there's a write conflict when there really isn't. Do you get these conflict messages all the time, or only occasionally? Do they really seem to correspond to situations where users are updating the same records?

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(please reply to the newsgroup)

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