

Re: Accessing data from a subform in the parent form's recordset

Source:

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- *From:* Pat <Pat@xxxxxxxxxxxxxxxxxxxxxxxxxxxxxx>
 - *Date:* Sun, 30 Mar 2008 09:38:01 -0700
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I really appreciate your guidance on this. There is no particular reason I chose dialog mode other than a misunderstanding of modal. I'll try your suggestions and reply later.

Again THANKS!!

"Albert D. Kallal" wrote:

```
DoCmd.OpenForm "frm_ModifyFirearms", acNormal, , , acFormAdd,  
acDialog
```

I had asked why you opening this form in dialog mode? Is there a particular reason for this? (if there is not, you much better off to open the form as model, and NOT dialog. If you use dialog, then you can't even use the menu to go edit->undo, and you see later on, you can't use the calling code to set the foreign key value.

So, we should resolve the above issue, and change this form to model, and NOT use dialog. About the only reason why you would use dialog is if you have calling code that needs to wait until the form is done (but, as mentioned, you can't even use the ms-access menus with a dialog form, so, they really do tie your hands. Also, it is significantly important if you *do* in fact need a dialog form, as that can significantly change the suggestions and approaches I offer to you. So, we should figure out why this form needs to be dialog (it is not normal in this case for the form to be dialog).

The next thing to deal with is you are opening the frm_ModifyFirearems in addmode, but then you suggest you jumping into a sub-form (under a tab) on this form. KEEP IN MIND if you do not edit any field in this newly opened form, you cannot enter into child forms to add related data. You ****must**** dirty the parent record BEFORE you attempt to enter into a child form.

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Once again, if what I just stated is NOT clear, ask for further clarification . The reason for this question is if the user is not actually editing the underlying record for Modifyfirearems, then *ms-access* will NOT have yet set the PK value for Modifyfirearems, and that further means ms-access will be un-able to add and set the foreign key value for dbtImages table.

In other words, opening form ModifyFirearems in add mode will NOT add the record ***unless*** the user edits some data on frmModifyFirearems BEFORE they attempt to edit data in dbtImages (subform).

If the above is in fact your case, then you going to have to use code to ***dirty*** the frm_ModifyFirearems record BEFORE you move into to the sub-form with image table.

And, if the above is the case, the best approach is do dirty the record *after* the openform command, and that means you can't use acdialog (so, all these issues are interrelated).

I would suggest the following:

```
dim strF as string
strF = "frm_ModifyFireArms"
DoCmd.OpenForm strF, acNormal, , , acFormAdd
forms(strF)!weaponid = me!firearm_id
```

Now, when you go into the tab subform in frm_ModifyFireArms, there will be a pk id available for the image sub-form.

NOTE as mentioned, if the user needs to, or will be editing values in frm_ModifyFireArms *before* they go into the sub-form with images , then you can eliminate the code of:
forms(strF)!weaponid = me!firearm_id,

since editing data *in* the form will dirty the record, and trigger creation of a PK value for frm_ModifyFireArms.

So far, we only adding ONE line of code to your original question *if* we do this right...

Also, the above design assumes you only adding ONE record to frm_ModifyFireArms (that means you should set his forms allow additions = no, because the openform command in adFormAdd will override this setting for ONE record, and the user will have to close the form to add additional records (and, forcing the close is done by using model forms, NOT USING acDialog forms).

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