

Syntax for main/subforms

For these examples:

- Mainform is the name of the top level form
- Subform1 is the name of the subform CONTROL on mainform
- Subform2 is the name of the subform CONTROL on the 1st subform.

	If you are on	
	Main form	Sub 1
To refer to a form property, like RecordSource		
On Mainform	Me.RecordSource	Me.Parent.RecordSource
On Sub 1	Me!Subform1.Form.RecordSource	Me.RecordSource
On Sub 2	Me!Subform1.Form!Subform2.Form.RecordSource	Me!Subform2.Form.RecordSource
To refer to a control		
On Mainform	Me!ControlName	Me.Parent!ControlName
On Sub 1	Me!Subform1.Form!ControlName	Me!ControlName
On Sub 2	Me!Subform1.Form!Subform2.Form!ControlName	Me!Subform2.Form!ControlName
To refer to a control property, like Enabled		
On Mainform	Me!ControlName.Enabled	Me.Parent!ControlName.Enabled
On Sub 1	Me!Subform1.Form!ControlName.Enabled	Me!ControlName.Enabled
On Sub 2	Me!Subform1.Form!Subform2.Form!ControlName.Enabled	Me!Subform2.Form!ControlName.Enabled
To refer to a subform control property, like SourceObject		
On Mainform	N/A	N/A
On Sub 1	Me!Subform1.SourceObject	N/A
On Sub 2	Me!Subform1.Form!Subform2.SourceObject	Me!Subform2.SourceObject
	If you are on	
	Sub2	Not in these forms
To refer to a form property, like RecordSource		
On Mainform	Me.Parent.Parent.RecordSource	Forms!Mainform.RecordSource
On Sub 1	Me.Parent.RecordSource	Forms!Mainform!Subform1.Form.RecordSource
On Sub 2	Me.RecordSource	Forms!Mainform!Subform1.Form!Subform2.Form.RecordSource
To refer to a control		
On Mainform	Me.Parent.Parent!ControlName	Forms!Mainform!ControlName
On Sub 1	Me.Parent!ControlName	Forms!Mainform!Subform1.Form!ControlName
On Sub 2	Me!ControlName	Forms!Mainform!Subform1.Form!Subform2.Form!ControlName
To refer to a control property, like Enabled		
On Mainform	Me.Parent.Parent!ControlName.Enabled	Forms!Mainform!ControlName.Enabled
On Sub 1	Me.Parent!ControlName.Enabled	Forms!Mainform!Subform1.Form!ControlName.Enabled
On Sub 2	Me!ControlName.Enabled	Forms!Mainform!Subform1.Form!Subform2.Form!ControlName.Enabled
To refer to a subform control property, like SourceObject		
On Mainform	N/A	N/A
On Sub 1	N/A	Forms!Mainform!Subform1.SourceObject
On Sub 2	N/A	Forms!Mainform!Subform1.Form!Subform2.SourceObject

source: http://access.mvps.org/access/downloads/Syntax_for_subs.zip

Supplement A*:

If you are in the main form and you want to execute a procedure, which is defined as “Private” in a sub-form - for example “Private Sub cmdSave_Click()”:

Step 1:

Define a procedure

```
Public Sub Public_cmdSave_Click()  
Call cmdSave_Click()  
End Sub
```

in the sub-form.

Step 2:

Call this procedure in the main form by

```
Forms!frmMainform!frmMainform_sfmSubform.Form.Public_cmdSave_Click
```

where “frmMainform” and “frmMainform_sfmSubform” are the names of the main form and the sub-form, respectively.