

AskBeforeSaving

(Q) How can I control when a record is saved in a form ?

tags:
[HowTo](#)

(R) Use the form's *Before record change* event to run code each time Base tries to save a record. This way, if the user doesn't want to save a record, you can issue an Undo command instead of saving the record.

For strange reasons the *Before record change* form event is fired twice by *AAO/LibO* while in most cases one occurrence would be sufficient. That's where the *Recommendation* property becomes useful.

Read [Roberto Benitez's Forms and Dialogs document](#) about this strange behaviour (p. 20+).

Solution

Next code will make it. The event fires here a *Function* which will return **True** only if the modification is confirmed by the user. Otherwise the *Undo* command is run automatically. Other requests for changes (INSERT or DELETE actions) will be accepted blindly.

```
Function AskBeforeSave(poEvent As Object) As Boolean

Dim sMsg As String, oEvent As Object

REM MsgBox constants
Const vbYesNo = 4 ' Yes and No buttons
Const vbQuestion = 32 ' Warning query
Const vbYes = 6 ' Yes button pressed

    AskBeforeSave = True
    Set oEvent = Events(poEvent)
    If oEvent.Recommendation = "IGNORE" Then Exit Function
    If oEvent.RowChangeAction <> com.sun.star.sdb.RowChangeAction.UPDATE Then Exit Function
    sMsg = "Data has changed." & Chr(13) & "Do you wish to save the changes?" _
        & Chr(13) & "Click Yes to save or No to discard changes."
    If MsgBox(sMsg, vbQuestion + vbYesNo, "Save record ?") <> vbYes Then
        RunCommand("RecUndo") ' Cancel editing done
        AskBeforeSave = False
    End If

End Function
```

See also

[Event](#)
[Events Handler](#)
[RunCommand](#)

Refer to ...

Basic module	Form	Form event	Control	Control event	Comments
NewRec	Customers_NewRec	Before record action			

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