

Home    x    Install    x    Full Index    x    Tutorial    x    EnumerateControls    x    FindOutTableExists    x  
UseVariablesInSQL    x    CreateRecordsetFrom    x    AddRecordToRecordset    x    CountRecordsRecordset    x  
LimitsRecordset    x    MixAccess2baseAndUNO    !    User's Guide    x    AllForms    x    DatabaseWindow    x  
ShortcutNotationMore    x    DLookupSamples    x    CalculatedField    x    MultiSelectListboxSelectForm    x  
FillAutoControlValue    x    CarryToNewRecord    x    BrowseThruControls    x    TipTextForLongValues    x  
AskBeforeSaving    x    Sync2Combos    x    ZoomOnImage    x    AddAllToBox    x    KeepFormsSynchro    x  
SelectListboxOnFirstLetters    x    MoveItemsBetweenListboxes    x    SimulateTabbed    x    SearchStandalone    x

## SearchStandalone

(Q) Can I have a search box and trigger the search thru all the records related to a form ?

tags:  
**HowTo**

(R) Use the **FindRecord** and **FindNext** actions.

The feature is illustrated thru the use of a **standalone form**.

### Solution

Design the *standalone* form taking into account:

- The *FindRecord* action works only on data displayed in a tabular form, i.e. through the use of a **grid control**.
- You will observe that the execution is slow: indeed *FindRecord* will literally scroll thru the data and refresh the display accordingly. The solution is not adapted for very large tables of data.

Design next 4 fields and buttons:

1. The search box: a simple *text box*, name = *SearchText*. In the *Properties* window set its *Default text* property to "(search)". Link its *When receiving focus* event to the *CleanSearch* procedure.
2. A *checkbox* called *MatchCase* indicating if the search must or not respect upper and lower cases.
3. A search start button : link the *execute action* event with the *ButtonStart* procedure.
4. A *next* button : link the *execute action* event with the *ButtonNext* procedure.

Now the code:

The *CleanSearch* procedure empties the search box when its content is the default value:

```
Const cstDefault = "(search)"

Sub CleanSearch(poEvent As Object)
Dim oEvent As Object, oField As Object
    Set oEvent = Application.Events(poEvent)
    Set oField = oEvent.Source
    If oField.Value = cstDefault Then oField.Value = ""
End Sub
```

The *cstDefault* constant is set outside the *Sub...End Sub* to be available also in next procedures:

```
Sub ButtonStart(poEvent As Object)
Dim ofForm As Object, sSearch As String, bMatch As Boolean
    Set ofForm = Application.Forms(0)           '      standalone form itself
    sSearch = ofForm.Controls("SearchText").Value
    If sSearch = "" Or sSearch = cstDefault Then
        MsgBox "The search box is not initialized. Please do and retry.", 16, "Search"
        ofForm.Controls("SearchText").SetFocus()
    Else
        bMatch = ofForm.Controls("MatchCase").Value
        DoCmd.Findrecord sSearch, acAnyWhere, bmatch, acDown, , acAll, True
    End If
End Sub
```

```
Sub ButtonNext(poEvent As Object)
    DoCmd.FindNext
End Sub
```

## See also

[FindRecord](#)  
[FindNext](#)  
[GridControl](#)  
[SetFocus](#)

## Refer to ...

Basic module	Form	Form event	Control	Control event	Comments
Code	<i>TT Northwind Standalone.odt</i>		SearchText	When receiving focus	Enter a search text and press <i>Start</i> .
			btnStart btnNext	Execute action	

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