

## Sync2Combos

(Q) How can I limit the contents of one combo/list box based on what's selected in another combo/list box ?

tags:  
[HowTo](#)

(R) An easy way to do this would be to assign a dynamic SQL statement to the **RowSource** property of the secondary combo/list box at runtime.

Our goal in the example is to select in a 1st combo box a CITY, in the 2nd combo the LASTNAME of the employees (working in CITY) to filter finally only the *Orders* placed by the concerned *Employee*.

Considering

- Employees table

Fields	Field Type	Primary
Address	Text	
BirthDate	Date/Time	
City	Text	
Country	Text	
Extension	text	
FirstName	text	
HireDate	Date/Time	
HomePhone	Text	
LastName	Text	
Notes	Text	
Photo	Text	
PostalCode	Text	
Region	Text	
ReportsTo	BigInt	
Title	Text	
TitleOfCourtesy	Text	
EmployeeID	BigInt	Y

- Initialize the *List content* entry of the 1st combo box with:

```
SELECT DISTINCT "City" FROM "Employees"
```

- Assign next Sub to the *Text modified* event of the 1st combo box:

```
Sub Update2ndCombo(poEvent As Object)

Dim ocCombo1 As Object, ocCombo2 As Object, sSQL As String
    Set ocCombo1 = Events(poEvent).Source
    Set ocCombo2 = ocCombo1.Parent.Controls("EmployeeName")
```

```
sSQL = "SELECT DISTINCT [LastName] FROM [Employees] WHERE [Employees].[City]=' " & ocCo
ocCombo2.RowSourceType = com.sun.star.form.ListSourceType.SQL
ocCombo2.RowSource = sSQL
```

End Sub

- Initialize the *List content* entry of the 2nd combo box with:

```
SELECT DISTINCT "LastName" FROM "Employees"
```

- Assign next Sub to the *Text modified* event of the 2nd combo box:

```
Sub UpdateMainForm(poEvent As Object)

Dim ofForm As Object, ocCombo As Object, sSQL As String, lEmpID As Integer
Set ocCombo = Events(poEvent).Source
Set ofForm = ocCombo.Parent
lEmpID = DLookup("[EmployeeID]", "[Employees]", "[LastName]=' " & ocCombo.Value & "'")
ofForm.Filter = "[EmployeeID]=" & lEmpID
ofForm.FilterOn = True

End Sub
```

## Refer to ...

Basic module	Form	Form event	Control	Control event	Comments
ComboBox	Orders_2Combos		EmployeeCity	Text modified	
			EmployeeName		

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