

## FillAutoControlValue

(Q) Is it possible to have some fields filled in automatically as soon as a certain value has been entered into another field?

tags:  
[HowTo](#)

(R) A typical example of this is getting state and city name from Zipcodes. If you have a Zip-Code table, you'll never have to enter the State/City again.

It is illustrated using next *Employees* table:

- 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

Assume a form with a number of read-only fields corresponding with that table although the form is not bound to the table, then trigger next code in the *When losing focus* event of an editable field in which an employee id might be entered:

```

Sub EmpFillAuto(poEvent As Object)

Dim oEvent As Object, oEmpID As Object, sCrit As String
Dim oParentForm As Object, oField As Object, vValue As Variant
    Set oEvent = Events(poEvent)
    oEmpID = oEvent.Source
    sCrit = "[EmployeeID]=" & oEmpID.Value
    Set oParentForm = oEmpID.Parent
    With oParentForm
        Set oField = .Controls("txtTitleOfCourtesy")
        vValue = DLookup("[TitleOfCourtesy]", "[Employees]", sCrit)
        If Not IsNull(vValue) Then oField.Value = vValue
    End With
End Sub

```

```

        Set oField = .Controls("txtFirstName")
        vValue = DLookup("[FirstName]", "[Employees]", sCrit)
        If Not IsNull(vValue) Then oField.Value = vValue
        Set oField = .Controls("txtLastName")
        vValue = DLookup("[LastName]", "[Employees]", sCrit)
        If Not IsNull(vValue) Then oField.Value = vValue
        Set oField = .Controls("txtAddress")
        vValue = DLookup("[Address]", "[Employees]", sCrit)
        If Not IsNull(vValue) Then oField.Value = vValue
        Set oField = .Controls("txtCity")
        vValue = DLookup("[City]", "[Employees]", sCrit)
        If Not IsNull(vValue) Then oField.Value = vValue
    End With

```

```
End Sub
```

## See also

**Controls**

**DLookup**

**Events Handler**

## Refer to ...

Basic module	Form	Form event	Control	Control event	Comments
FillAuto	Employees_FillAuto		fntEmployeeID	When losing focus	

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