

CountRecordsRecordset

(Q) How can I know the number of records in a *Recordset* object ? For example, I may want to create a form tags: [HowTo](#) that shows how many records are in each of the tables in a database. Or I may want to change the appearance of a form or report based on the number of records it includes.

(R) The **RecordCount** property contains the number of records in a **Recordset**. A *Recordset* object with no records has a *RecordCount* property value of 0.

However:

The value of the *RecordCount* property equals the number of records that have actually been accessed. To visit all the records, use the **MoveLast** method immediately after opening the *Recordset*, then use **MoveFirst** to return to the first record. This is not done automatically because it may be slow, especially for large result sets.

The following code example creates a *Recordset* object, and then determines the number of records in the *Recordset*.

```
Function FindRecordCount(sSQL As String) As Long

Dim odbNorthwind As Object
Dim orsRecords As Object
On Local Error GoTo ErrorHandler

    Set odbNorthwind = Application.CurrentDb
    Set orsRecords = odbNorthwind.OpenRecordset(sSQL)
    With orsRecords
        If .EOF Then
            FindRecordCount = 0
        Else
            .MoveLast
            FindRecordCount = .RecordCount
        End If
        .mClose
    End With

    Set orsRecords = Nothing
    Set odbNorthwind = Nothing
    Exit Function

ErrorHandler:
    TraceError("ERROR", Err, "FindRecordCount", Err)
End Function
```

As your application deletes records in a *Recordset*, the value of the *RecordCount* property decreases. However, in a multiuser environment, records deleted by other users are not reflected in the value of the *RecordCount* property. Using the *MoveFirst* method on a *Recordset*, followed by the *MoveLast* method, resets the *RecordCount* property to the current total number of records in the *Recordset*.

See also

BOF, EOF
MoveFirst, MoveLast, MoveNext, MovePrevious
OpenRecordset
TraceError

Refer to ...

Basic module	Sub	Comments
HowTo	FindRecordCount	

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