

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  
CalculatorDialog x ExploreTables x ExtractDataTable x FindPositionRecordset x DMedian function x  
DPercentile x ImportImages x ExportImages x CrossTabQuery x DbaccessFromCalc x  
Standalone Forms x Add x AddItem x AddNew x CancelUpdate x Clone x Close (method) x  
CloseAllRecordsets x CloseConnection x CreateField x CreateQueryDef x CreateTableDef x  
CurrentDb x Delete x Delete (table-query) x Edit x EndExecute x Execute (commandbarcontrol) x  
Execute (dialog) x Execute (query) x getProperty x GetRows x hasProperty x Move x  
Move (recordset) x OpenConnection x OpenDatabase x OpenRecordset x OptionGroup (Method) x  
ReadAllBytes x ReadAllText x Refresh x Remove x RemoveAll x RemoveItem x Requery x  
Reset x RunSQL x SetFocus x SetProperty x Start x Terminate x Update x WriteAllBytes x  
WriteAllText x Methods x Objects x Application x CommandBar x CommandBarControl x  
Control x Database x Dialog x DoCmd x Event x Field x Form x OptionGroup x  
Property x QueryDef x Recordset x SubForm x TableDef x TempVar x Properties x  
AbsolutePosition x AllowAdditions x AllowDeletions x AllowEdits x BackColor x BeginGroup x  
BOF, EOF x

## BOF, EOF

The *BOF* property returns a value that indicates whether the current record position is before the first record in a **Recordset** object.

The *EOF* property returns a value that indicates whether the current record position is after the last record in a **Recordset** object.

tags:  
Properties

### Applies to ...

Object	Description
<b>Recordset</b>	The representation of a set of records derived from a table, a query or an SQL statement.

### Syntax

*recordset*.**BOF**

*recordset*.**EOF**

### Returned values

Boolean

### Remarks

- You can use the *BOF* and *EOF* properties to determine whether a *Recordset* object contains records or whether you've gone beyond the limits of a *Recordset* object when you move from record to record.
- If either the *BOF* or *EOF* property is **True**, there is no current record.
- If you open a *Recordset* object containing no records, the *BOF* and *EOF* properties are set to **True**, and the *Recordset* object's **RecordCount** property setting is 0. When you open a *Recordset* object that contains at least one record, the first record is the current record and the *BOF* and *EOF* properties are **False**; they remain **False** until you move beyond the beginning or end of the *Recordset* object by using the **MovePrevious** or **MoveNext** method, respectively. When you move beyond the beginning or end of the *Recordset*, there is no current record or no record exists.
- If you delete the last remaining record in the *Recordset* object, the *BOF* and *EOF* properties may remain **False** until you attempt to reposition the current record.
- Typically, when you work with all the records in a *Recordset* object, your code will loop through the records by using the **MoveNext** method until the *EOF* property is set to **True**.
- If you use the **MoveNext** method while the *EOF* property is set to **True** or the **MovePrevious** method while the *BOF* property is set to **True**, an error occurs.

### Error messages

## See also

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**Move**

**MoveFirst**

**MoveLast**

**MoveNext**

**MovePrevious**

**Recordset**

## Example

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Create a new recordset on table *Invoices* and count the records (not the most efficient way to do it ... !)

```
Const dbReadOnly = 4
Dim orsRecords As Object, lCount As Long
    Set orsRecords = Application.CurrentDb().OpenRecordset("INVOICES", , , dbReadOnly)
    lCount = 0
    With orsRecords
        If Not .BOF Then ' An empty recordset has both .BOF and
            Do While Not .EOF
                lCount = lCount + 1
                .MoveNext
            Loop
        End If
        .mClose()
    End With
Print "Number of records = " & lCount
```

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