

[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

Move (recordset)

The *Move*, *MoveFirst*, *MoveLast*, *MoveNext* and *MovePrevious* methods move the cursor either

tags:
Methods

- to a record specified by its position
- or to the first, last, next, or previous record

in a specified **Recordset** object and make that record the current record.

Applies to ...

Object	Description
Recordset	A set of records derived from a table, a query or a SQL statement.

Syntax

recordset.**Move** (*rows*, *startbookmark*)

recordset.**MoveFirst**

recordset.**MoveLast**

recordset.**MoveNext**

recordset.**MovePrevious**

Argument	Optional	Type	Description	Returned value
recordset		Recordset object	An open recordset	True if success.
rows		Long	Specifies the number of rows the position will move. If rows is greater than 0, the position is moved forward (toward the end of the file). If rows is less than 0, the position is moved backward (toward the beginning of the file).	
startbookmark	Y	Variant	Value identifying a bookmark. If you specify <i>startbookmark</i> , the <i>move</i> begins relative to this bookmark. Otherwise, <i>move</i> begins from the current record.	

Remarks

- **Caution** If you edit the current record, be sure you use the **Update** method to save the changes before you move to another record. If you move to another record without updating, your changes are lost without warning.
- When using the *Move* method:
 - If you use *Move* to position the current record pointer before the first record, the current record pointer moves to the beginning of the file. If the *Recordset* contains no records and its **BOF** property is **True**, using this method to move backward causes an error.
 - If you use *Move* to position the current record pointer after the last record, the current record pointer position moves

to the end of the file. If the *Recordset* contains no records and its **EOF** property is **True**, then using this method to move forward causes an error.

- If either the **BOF** or **EOF** property is **True** and you attempt to use the *Move* method without a valid bookmark, a run-time error occurs.
- When using *MoveFirst*, *MoveLast*, *MoveNext* or *MovePrevious* methods
 - When you open a *Recordset*, the first record is current and the **BOF** property is **False**. If the *Recordset* contains no records, the **BOF** property is **True**, and there is no current record.
 - If the first or last record is already current when you use *MoveFirst* or *MoveLast*, the current record doesn't change.
 - If you use *MovePrevious* when the first record is current, the **BOF** property is **True**, and there is no current record. If you use *MovePrevious* again, an error occurs, and **BOF** remains **True**.
 - If you use *MoveNext* when the last record is current, the **EOF** property is **True**, and there is no current record. If you use *MoveNext* again, an error occurs, and **EOF** remains **True**.

Error messages

Argument nr. ... [Value = '...'] is invalid
Action rejected in a forward-only or not bookmarkable recordset
Recordset delivered no data. Action on current record rejected
Recordset has been closed. Recordset action rejected
Current record out of range

See also

Bookmark

Bookmarkable

OpenRecordset

Example

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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