

[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

OpenDatabase

The *OpenDatabase* method returns a **Database** object that establishes a link with an external database represented by a database document (".odb" file).

tags:
Methods

The returned object allows data retrieval and update in the targeted database.

Applies to ...

Object	Description
Application	Root class. When present, its name must be "Application" but the object name is optional.

Syntax

```
Set database = [Application.]OpenDatabase (connectionstring, [username], [password], [readonly])
```

Argument	Optional	Type	Description
connectionstring		string	Either - the name under which the targeted database is <i>registered</i> - or the URL of the ".odb" file referring to the targeted database.
username	Y	string	The connection parameters to the effective database, if any.
password	Y		
readonly	Y	Boolean	If True updates of the database data will be forbidden. Default = False

Remarks

- The resulting **Database** object must be kept by the program in a Basic variable with a scope that is compatible with the duration of the operations done on the database. F.i. a **Global**, a **Static** or a module-level **Public** variable sometimes fit best for that purpose.
- After use the database should be closed with the **Close** method.

Error messages

Connection to the database is not active
--

See also

Close (method)

Database

CurrentDb

OpenConnection

Example

List all table names of an external database

```
Public oDatabase As Object

Sub ScanTables()

Dim oTable As Object, oField As Object, i As Integer
    Set oDatabase = Application.OpenDatabase("/home/somedir/TT NorthWind.odb",,,, )
    With oDatabase
        For i = 0 To .TableDefs.Count - 1
            Set oTable = .TableDefs(i)
            DebugPrint oTable.Name
        Next i
    End With
    oDatabase.mClose()

End Sub
```

Bookmark this page » » [OpenDatabase](#)