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**Article:** Import data from Access with ADO

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**Excel - Import data from Access to Excel (ADO) using VBA**

With the procedure below you can import data from an **Access** table to a *worksheet*.

Sub ADOImportFromAccessTable(DBFullName As String, \_

TableName As String, TargetRange As Range)

' Example: ADOImportFromAccessTable "C:\FolderName\DataBaseName.mdb", \_

"TableName", Range("C1")

Dim cn As ADODB.Connection, rs As ADODB.Recordset, intColIndex As Integer

Set TargetRange = TargetRange.Cells(1, 1)

' open the database

Set cn = New ADODB.Connection

cn.Open "Provider=Microsoft.Jet.OLEDB.4.0; Data Source=" & \_

DBFullName & ";"

Set rs = New ADODB.Recordset

With rs

' open the recordset

.Open TableName, cn, adOpenStatic, adLockOptimistic, adCmdTable

' all records

'.Open "SELECT \* FROM " & TableName & \_

" WHERE [FieldName] = 'MyCriteria'", cn, , , adCmdText

' filter records

RS2WS rs, TargetRange ' write data from the recordset to the worksheet

' ' optional approach for Excel 2000 or later (RS2WS is not necessary)

' For intColIndex = 0 To rs.Fields.Count - 1 ' the field names

' TargetRange.Offset(0, intColIndex).Value = rs.Fields(intColIndex).Name

' Next

' TargetRange.Offset(1, 0).CopyFromRecordset rs ' the recordset data

End With

rs.Close

Set rs = Nothing

cn.Close

Set cn = Nothing

End Sub

The macro examples assumes that your **VBA** project has added a reference to the **ADO** object library.

You can do this from within the **VBE** by selecting the menu **Tools**, **References** and selecting **Microsoft ActiveX Data Objects x.x Object Library**.

Use **ADO** if you can choose between **ADO** and **DAO** for data import or export.