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

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**Posted by**: HeelpBook Staff

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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.