

Automating Excel From Access

- **Getting data FROM Excel**
 - Select table or query, choose External Data – Export - Excel file
 - Same thing programmatically
DoCmd.TransferSpreadsheet acImport, acSpreadsheetTypeExcel9, “[TableName]”, “[Path]\[FileName].xls”, True



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DoCmd.TransferSpreadsheet [TransferType],
[SpreadsheetType], [TableName], [FileName], [HasFieldNames],
[Range]

TransferType = acExport, acImport, acLink

SpreadsheetType = acSpreadsheetType most common are

acSpreadsheetTypeExcel9 (Excel 2000-2003 .xls) and acSpreadsheetTypeExcel12 (Excel 2007 .xlsx)

HasFieldNames = True (has column headers)

Range = If other than first worksheet put in worksheet and or cell range like

“Sheet2” or “Sheet2!A6:D15”



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- **Putting data INTO Excel**

- Web Database – built in Download into Excel button on datasheets
- External Data – Import - Excel file – into New Table
- Same thing programmatically

DoCmd.TransferSpreadsheet acExport,
acSpreadsheetTypeExcel12, “[TableOrQuery]”,
 “[Path]\[FileName].xlsx”, True



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```
Dim oApp As Object
```

```
Set oApp = CreateObject("Excel.Application")
```

```
'open an existing workbook
```

```
Set oWkbk = oApp.Workbooks.Open("[Path & FileName include extension]")
```

```
'save a workbook with a new name
```

```
oWkbk.SaveAs "[Path & FileName include ext]" 'assumes that you are saving with same ext
```

```
' optionally add , xlOpenXMLWorkbook or other type if changing ext
```

```
'close your spreadsheet if you do not want to leave it displayed
```

```
oWkbk.Close
```

```
'activate the worksheet
```

```
oWksht.Activate
```

```
' find the last used row in column 1
```

```
iEnd = oWkSht.Cells(oWkSht.Rows.Count, 1).End(xlUp).Row
```

```
'update a pivot chart range
```

```
oWkSht.PivotTables("PivotTable1").SourceData = "[SourceName]!A1:C" & iEnd
```

```
oWkSht.PivotTables("PivotTable1").PivotCache.Refresh
```



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- **Other tips**
 - Quickest way to figure out what Excel methods to use is to record a macro, then copy the code in from last Macro. Add With oWkSht and End With around copied code.
 - Be careful using ActiveSheet & ActiveWorkbook because they might have other Workbooks open



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Resources

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