

## RE: Import data from Excel – Select Only certain columns

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*Source:*

<http://www.tech-archive.net/Archive/Access/microsoft.public.access.externaldata/2005-12/msg00050.html>

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  - *Date:* Wed, 7 Dec 2005 06:25:01 -0800
- 

Sounds reasonable. I would make one change. Rather than deleting a table and using the CopyObject to create a new one, I would just delete the data from the table:

```
CurrentDb.Execute("DELETE * FROM mytablename;")
```

"ridawg" wrote:

- > Thanks for the response but I think I figured out a pretty good way to do this.
- >
- > Basically, in a word document I created a button that executes my report
- > (this is something similar I've done for several reports – I have 1 word doc
- > called monthly reports with a button for each report).
- >
- > For this particular report the code (VBA) does the following steps:
- >
- > 1. Checks my Need to be Processed folder using the FileSystemObject to see
- > if any files exist that need to be processed.
- >
- > 2. If files exist it opens up my Access DB and executes my Create Report
- > macro. First, the macro deletes the existing Imported\_Data table then creates
- > a new blank Imported\_Data table using the CopyObject and a template table.
- > This macro then executes a module I wrote. The module using the FileSearch
- > objects searches the Need to be Processed folder – identifying each file in
- > the folder. I then loop through the files importing them using the
- > DoCmd.TransferSpreadsheet and setting the table name property to my table
- > Imported\_Data. I have to import all the fields rather than just the 5 I need
- > but the amount of data is so small that I can live with this. Next the macro
- > executes several OpenQuery steps. Thanks for the info regarding the use of
- > this but the amount of data I have is so small that performance is a non
- > issue. Next, using the FileSystemObject I move all the files in the Need to
- > be Processed folder to a folder called Processed Source Files.
- >
- > 3. After the macro executes Access is closed and an excel file that serves
- > as a template is opened (using VBA). The file is refreshed and saved with a
- > new name and in the appropriate folder where we store reports.
- >

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> So basically, once a month I open my monthly word doc and click a button and  
> this report is created – takes all of 2 minutes at the most.  
> --  
> -ridawg  
>  
>  
> "Klatuu" wrote:  
>  
>> Question 2  
>> In this case, I would not import the spreadsheets. Instead, Link to them.  
>> Now you can treat them just like tables. Write queries that append or update  
>> the tables you want the data in. Then, just delete the link.  
>>  
>> Question 3  
>> Since you have linked to the spreadsheet, you have it's name. Use the VBA  
>> Name statement to give it it's new path and name.  
>>  
>> Question 4  
>> If you are going to make new tables each time (Not the way I would do it),  
>> try using the Execute Method of the CurrentDb object instead of the OpenQuery  
>> method. You will be suprised at how much faster it runs.  
>> Now, as to Make Table Queries. There are some issues with this method.  
>> First, it defaults all text fields to the size specified in your  
>> Tools-->Options. Unless otherwise specified it is 255. Allowing greatly  
>> oversized fields slows processing. Also, when pulling in Excel data without  
>> specified data types, Access guesses it what the data type should be. This  
>> is not that dependable and may not get the type you want or even the same  
>> type over multiple runs. A better approach is to use a predefined table and  
>> put your data in that. You only need to delete all the existing data in it  
>> before loading it from your queries.  
>> CurrentDB.Execute("DELETE \* FROM MyTableNameHere;")  
>>  
>> "ridawg" wrote:  
>>  
>>> Hey,  
>>>  
>>> I'm not sure how to do this but pretty sure it's possible. I would like to  
>>> import 1 to many excel spreadsheets into an Access database but I need to  
>>> select only certain columns in the excel files. Below is an outline of what  
>>> I'm trying to do:  
>>>  
>>> 1. Search a certain folder for Excel files that need to be processed – all  
>>> set with this.  
>>>  
>>> 2. Import 1 to many files to Processing table. This is where I'm stuck. I  
>>> have no problem importing the entire spreadsheet for each file but each  
>>> spreadsheet contains 30 plus fields and I only need 5 fields. I would like to  
>>> learn how I can query each excel file and import only the fields I need.  
>>>  
>>> 3. After importing the data, move the excel files from the Processing folder  
>>> to the Completed folder. Haven't started working on this yet but I think I

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>>> can figure it out. Any help though would be appreciated!  
>>>  
>>> 4. Next, the rest of my steps (essentially OpenQuery steps to create various  
>>> tables) are executed. I'm all set with this as well.  
>>>  
>>> So far, I've written step 1 and 2 as a VBA module in Access called  
>>> Import\_Excel\_Files. I have some VBA experience and I believe but could be  
>>> completely wrong that I would need to use VBA & ADO to create a query to get  
>>> the data I need from the excel spreadsheets. I've never done this before so  
>>> I'm looking for a little help!  
>>>  
>>> Thanks  
>>> --  
>>> -ridawg  
.

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• **References:**

- ◆ **[RE: Import data from Excel – Select Only certain columns](#)**
  - ◇ From: ridawg
- Prev by Date: **[RE: Import data from Excel – Select Only certain columns](#)**
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