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Activesheet showalldata method of worksheet class failed

I just experienced the same problem. After some test error I discovered that if the selection was to the right of my filter area AND the number of records displayed was zero, ShowAllData would fail. A little more context is probably relevant. I have a number of sheets, each with a filter. I would like to configure some standard filters on all sheets, therefore I use some VBA like this Sheets(Server). Select Col to Range (1:1). Find(In Selected SLA). ActiveSheet.ListObjects(Srv) column. Range.AutoFilter Field:=col, Criteria1:=TRUE This code will wrap the filter in the column with the In Selected SLA header and leave all other filters unchanged. This has the unfortunate side effect that I can create a filter that displays zero records. This is not possible to use the user interface alone. To avoid that situation, I would like to reset all filters before applying the above filtering. My reset code looked like this Sheets(Server). Select If ActiveSheet.FilterMode Then ActiveSheet.ShowAllData Note how I did not move the selected cell. If the selection was on the right, it would not remove the filters, which would allow the filter code to create a zero-row filter. The second time the code is executed (in a zero-row filter) ShowAllData will fail. The workaround is simple: move the selection within the filter columns before calling ShowAllData Application.Goto (Sheets(Server). Range(A1)) If ActiveSheet.FilterMode Then ActiveSheet.ShowAllData This was in Excel version 14.0.7128.5000 (32-bit) - Office 2010 I just experienced the same problem. After some test error I discovered that if the selection was to the right of my filter area AND the number of records displayed was zero, ShowAllData would fail. A little more context is probably relevant. I have a number of sheets, each with a filter. I would like to configure some standard filters on all sheets, therefore I use some VBA like this Sheets(Server). 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Range(A1)) If ActiveSheet.FilterMode Then ActiveSheet.ShowAllData Was in Excel version 14.0.7128.5000 (32-bit) - Office 2010 2010 Line: Learn how to clear all filters and filters in a single column with VBA macros. Includes code examples for regular ranges and Excel tables. Skill Level: Intermediate Download file The Excel file containing the code can be downloaded below. This file contains code to filter different data types and filter types. See my article in The Ultimate Guide to AutoFilters in VBA for more details. VBA.xlsm AutoFilter Guide (100.5 KB) Clear all filters in a range We use the ShowAllData method to clear all filters applied to a range. This is the same as clicking the Delete button on the Data tab of the ribbon (keyboard cut: Alt, A, C) You can only apply a filter range to a worksheet, so we are actually deleting the filters on the sheet. Sub Clear_All_Filters_Range() To clear all adjusted ones use the ShowAllData method for 'or the sheet. Add error handling to ignore the error if 'no filters are applied. Does not work for Tables. In Error Resume Next Sheet1.ShowAllData On Error GoTo 0 End Sub ShowAllData Method Error If no filters are applied to any column, the ShowAllData method will fail. It is a runtime error '1004' with the description: The 'ShowAllData' method of the object '_Worksheet' failed. The When resuming the error line will ignore that error. Error GoTo 0 resets that errors are generated in any line of code below. Note: When the ShowAllData method is referenced as a member of the sheet, it does NOT clear filters that apply to Excel tables (ListObjects) unless a cell is selected in the table. Therefore, it is best to use the following code for Tables. Clear all filters in an Excel table To clear all filters in an Excel table (ListObject) we also use the ShowAllData method. In this case, ShowAllData is a member of the AutoFilter property of the ListObject object. Sub Clear_All_Filters_Table() Dim lo As ListObject 'Set reference to the first Table in the sheet Set lo = Sheet1.ListObjects(1) 'Clear All Filters for entire Table lo. AutoFilter.ShowAllData End Sub Clear the entire filter from all tables in a sheet The above code will only clear filters for a single table. We can go through the tables on the sheet to clear all the filters in each table. Sub Clear_All_Table_Filters_On_Sheet() Dim lo As ListObject 'Loop through all Tables in the sheet For Each lo In Sheet1.ListObjects 'Clear All Filters for entire Table lo. AutoFilter.ShowAllData Next End Sub Clear Filters in a single column To clear filters in a single column, we use the AutoFilter method. We only refer to the Field parameter and set the value to the number of the column we want to delete. Sub Clear_Column_Filter_Range() To clear the filter from a single column, specify the 'Number of and no other Sheet1.Range(B3:G1000) parameters. AutoFilter Field:=4 End Sub Field is the column number of the range to which the filters are applied, NOT the column number of the worksheet. The same technique is used to clear filters applied to a column in a In this case, the AutoFilter method is a member of the ListObject Range object. Sub Clear_Column_Filter_Table() Dim lo As ListObject 'Set reference to the first Table in the sheet Set lo = Sheet1.ListObjects(1) 'Clear filter on Single Table Column' specifying the Field only lo parameter. Range.AutoFilter:=4 Final Subfilters & Data Types Filter drop-down menu options change depending on the type of data in the column. We have different filters for text, numbers, dates and colors. This creates a lot of different combinations of operators and criteria for each filter type. I've created separate posts for each of these filter types. Messages contain explanations and examples of VBA code. The file in the downloads section above contains all of these code examples in one place. You can add it to your personal macro book and use the macros in your projects. Please leave a comment below with any questions or suggestions. Thank you! © 05-13-2013, 10:47 PM #1 Hello everyone, Using Excel 2013 64-bit. I re-opensome code while cleaning a filter. The resulting code gave me the ShowAllData method So I tried to use it in my procedure, but I'm getting an error: Runtime Error '1004': ShowAllData Worksheet Class Method Failed Any idea what I'm doing wrong? Thank you w Please log in or register to view this content. 05-13-2013, 11:38 PM #2 Hello, Goss, your code says Please log in or register to view this content. Perhaps you are looking for an AutoFilter before that command by Please Login or Register to view this content. Ciao, Holger Use code tags to display your code: [code] Your code here [code] Check your question Resolved if you have been offered a solution that works well for you 05-14-2013, 01:24 AM #3 Thanks Holger, I reviewed the code slightly to your suggestion. Now receive this error message Runtime Error '1004': This command requires at least two rows of source data. You cannot use the command in a single row selection. Try the following... Thank you w Reviewed: Log in or sign up to view this content. 05-14-2013, 12:18 PM #4 Hello, Goss, maybe like this: Please log in or sign up to view this content. Ciao, Holger 05-14-2013, 09:38 PM #5 Thank you Holger, Same mistake. It's something I've coded beyond that creates the filter and hidden rows, but I don't understand why the above code doesn't handle it? ExportToPDF2 contains the updated code Thank you w Attachments ExportToPDF_v2.xlsm (39.0 KB, 5 views) Download 05-14-2013, 11:50 PM #6 Hello, goss, delete the contents of the Control sheet, put headers on the first line and then you want to run an advanced filter on the non-present data - for me the runtime error is understandable since I don't know what do you want to do that. The solution would be to check the last filled line and run only the filtering if the number of rows filled is at least 3 or greater. Ciao, Holger 05-18-2013, 05:16 PM #7 Thank you Holger, The problem was here: Please log in or register to view this content. You must Sign in or sign up to view this content. Since I'm using advanced filter. Thank you for your help Kind greetings, w w