

Find And Replace version 2.06 (REPLACE2.MDA)

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Summary:

This program provides a "Find and Replace" function for Tables (searching design elements such as field names, not the data in the table) , Queries, Forms, Reports, Macros, and Modules (MSAccess 2.0 only provides Find and Replace for Modules). I wrote this module to facilitate name changes since MSAccess provides inadequate name change support. In addition to facilitating name changes it has other uses, such as: a) changing the path in the connect string for attached tables (search for old path, replace with new; attachment gets refreshed) and b) searching for occurrences of a given function to enable you to change the parameters. The intended user of this module is a programmer.

Other Documentation:

The help file Replace2.hlp contains a more detailed description of operation. This file is only a subset of information.

To install Find And Replace:

1. Move the replace2.mda and replace2.hlp files to your ACCESS directory (probably c:\ACCESS).
2. Either use the Add-in manager to add FindAndReplace or manually install.

Installing via Add-in manager:

Select menu item "File" then sub-menu item "Add-ins" then choose "Add-in Manager".
Select library "Find And Replace" and click the "Install" button.

Installing Manually:

Using Microsoft Windows Notepad or another text editor, open MSACC20.INI (in your WINDOWS directory), and add the following lines under the sections indicated (add the section headings if they are not already present):

```
[Libraries]
replace2.mda=ro
[Menu Add-ins]
&Find and Replace==StartFindAndReplace()
```

```
[Property Wizards]
FARNameBuilder=Name,Smart Rename,zFAR_RenameControl,rw
```

Save the file.

3. Restart Microsoft Access. When you open a database, Find and Replace now appears as a choice on the File menu under the Add-ins submenu. In addition, when designing forms or reports, the control name change builder is available by pressing the "..." button to the right of the control name in the properties box.

To run Find And Replace: (note: see the help file, replace2.hlp, for more details)

1. Open the database you want to use Find and Replace with.
2. Find and Replace appears as a choice on the File menu under the Add-ins submenu. Select it. The Find and Replace form should appear.
3. Enter the text to be searched for in the "Find" combo-box (wildcards are not permitted). Enter the text that will replace it in the "Replace With" box (if you are doing a Find only, you need not enter this but make sure to click the "Find Only" option box). If you desire that the text to be found must match the whole word (words consist of A-Z, a-z, _, 0-9) check the "Match Whole Word/Name Only" box. The combination of the Find text, Replace Text, and Whole Word option make up a find/replace specification. You may enter multiple find/replace specifications so that when you start the search, all find/replace specifications are done together (in parallel). To add another find/replace specification click the "New item" button. To review all your find/replace specifications click the drop down button on the "Find" combo-box. All of your defined find/replace specifications appear in the drop-down list of the "Find" combo-box. You may select any of these find/replace specifications in order to edit, view, or delete them. To delete the item displayed, click the "Del Item" button. To clear the entire Find/Replace specification list click the "Clear List" button. All items that appear in the drop down list will be searched for (and replaced) when you press the "Find" button. The order of search and replace within a target string (e.g. property value, ...) is the order in which the Find/Replace specs appear in the drop down list (the order in which they are added).
4. If you want Find and Replace to only find, not replace, check the "Find only, No Replace" box. If you want all finds and changes to be logged to a log table, check the "Log Finds/Changes" box. This log may be subsequently viewed by clicking the "Log Menu" button and then clicking the "Log Report" button on that form. If you want Find and Replace to try to capitalize things properly (when a replace is done) check "Clean-up to Proper Case" (It will look on both sides of the found string, to the beginning and end of the word containing the found string, to perform this; it will not capitalize lower case prefixes as defined by the Leszynski/Reddick naming standard; it will not change upper case to lower case). The proper-case cleanup is usually only useful when the original names have spaces or underscores ('_') separating words (within a name) needing capitalization. The "Replace without asking" box may be checked if you want all found occurrences to be replaced without any prompting if it is OK (Suggestions if you select this: turn on logging and have a backup of your mdb prior to the change).
5. Choose the document containers in which you want to search (Tables, Queries, Forms, Reports, Macros, or Modules); push the appropriate toggle buttons to select any combination of these. If you want to search only objects with a certain name enter that (wildcards OK) in the "Document Name Like" box next to the desired container toggle button. Push the "Find" button to start the search. For Form and Report searches you can specify via the check boxes what properties to search.
6. Assuming you haven't checked the "Replace without asking" box, when a match is found a message box is displayed. The object and property in which the match was found is indicated at the top of the box. Just underneath that, the current value of the property is displayed. The line after that shows what the value will be changed to. At the bottom are six buttons: "Edit Changes", "Yes", "No", "Cancel", "Yes To:", and "Skip:". You can select "Yes" to do the replacement, "No" to proceed to the next match, or "Cancel" to stop the entire process. Edit Changes allows you to make additional changes. The "Yes To:" and "Skip:" buttons depend on the selection in the combo boxes adjacent to the buttons. "Yes to:" makes the current change and will make all further changes without asking for the duration specified in the adjacent combo box: "All" means for the rest of the session, "Container" means until the next

container (if selected while in Forms then Yes To applies to all forms), Document means until the next document (if selected in Form Form1 then Yes To applies to Form Form1 only), "Control" means Yes To for all properties of the current control, "Property" means Yes To all occurrences within that property. The "Skip:" button is like answering No for the duration specified in the adjacent combo box.

Control Name Change Builder:

The control name change builder facilitates changing control names while you are designing a report or form. Normally, when you change the name of a control all CBF event procedures get "lost". (They are not really lost, they still exist under the old name but they are no longer associated with the control). Also, any references to that control elsewhere will need to be changed.

The control name change builder solves this by invoking a Find And Replace function which renames the event procedures properly, and optionally searches that form and any other object specified for references to that name.

To access the control name change builder: Open Form or report in design mode. Open properties display. Select the control you want to change the name of. Select the control name item in the properties box. Click the ... button to the right of this entry to invoke the control name change builder.

Note: A common error is to change the control name and then click on the builder button. This will not work since the control name gets changed before the builder is invoked. You must click on the builder button first!

Notes:

- 1) FIND AND REPLACE CAN BE A DANGEROUS TOOL. IF YOU'RE NOT SURE WHAT YOU'RE DOING, DON'T DO IT. Even if you think you know what you're doing, always have a backup copy of your database that is relatively up to date.
- 2) SendKeys is used for the search in modules. For English versions of Access: if alt-e has been redefined then the Find in All modules function won't work. International versions of Access: if the international version isn't yet supported the Find in All Modules button will be disabled and the find in code-behind-forms will be disabled. I will gladly add support for your international version after you provide me with the necessary information.
- 3) The Match Whole Word only option behaves slightly different than you would expect in modules. This is a feature of the Access Find function. For example, in modules, a whole word match search for the find string "vendor" will not produce a match for vendor% (or vendor\$,...). However, a match will be found for "vendor_zipcode". With Find and Replace's Match Whole Word/Name option (which is used for everything but modules) vendor% produces a match, but vendor_zipcode does not (this behavior is more desirable when attempting to change names).
- 4) Module search uses the built-in replace function (menu-item) of Access. Unfortunately this has problems with replaces in long lines when the replace without asking option is selected. If you get a message that not all the changes could be made, you will have to search the modules indicated without the replace without asking option. In general, Find and Replace will detect this conflict in advance and turn off replace without asking for any module that will have this problem.

5) For bug reports or suggestions contact: Rick Fisher, CompuServe ID 70743,2514 or via internet at 70743.2514@compuserve.com.

What Find and Replace searches:

- Tables: Local Tables -Table Names, Field Names, ValidationRules and ValidationText, Captions, Descriptions, Index Names.
Attached Tables - Table Names, captions, descriptions, connect strings (if the connect string is changed the link will be refreshed). The following are searched but replace is disallowed: Field Names, Index Names, ValidationRules, and ValidationText.
- Queries: The query name and the query SQL (which completely specifies the query).
- Forms: Properties that can specify macros, functions, field names, control names, or table/query names. Other properties: Caption, Tag, Validation Text. Other: form names, code-behind-forms. Note: Numeric properties are not searched.
- Reports: Properties that can specify macros, functions, field names, control names, or table/query names. Other properties: Caption, Tag. Other: report names, code-behind-reports.
- Macros: Macro Names, Macro Labels, Conditions, and Parameters to Macro Actions.
- Modules: The module search invokes the Microsoft search function for modules. The limitations of MSAccess apply here.

Version Information:

- ver 2.06 03/31/95 Minor module search changes. Improved sourcing of find specs from tables. Added search status/progress bar with Abort button. In table searches, table field descriptions are now searched (as they should have been all along). Worked around Access bug causing GPF in searches of more than 200 queries. Other minor changes.
- ver 2.05f 03/07/95 Fixed "non-existent table ..." error that caused module search to abort in some instances.
- ver 2.05e 02/23/95 Table search now includes index names. Fixed Module search error "Action requires an object name argument" causing module search to abort. Fixed "Syntax error in date in query expression ..." error that occurred when non-standard date or time separators were specified in the Windows international date/time settings. Added support for Norwegian language version.
- ver 2.05d 01/10/95 Added support for Italian Language version. Added capability to source Find/Replace Specs from a table. Attached table field names are now searched (but replace is disallowed since these types of changes must be performed in the source database). Error handling on attached tables improved (can now change connect string even if old connect string points to a missing file/table). Logging of module finds improved (every matching line within module logged). Worked around NT3.5 bug/anomaly that caused module searches to fail.
- ver 2.05c 12/20/94 Fixed module search bug ('Syntax Error in the date in a query expression') that occurs when international dates are selected. Miscellaneous minor operational enhancements (e.g. error handling, logging).
- ver 2.05b 11/14/94 Fixed bug where CBF was not being searched properly if you made 2 find/replace specifications (one or more than two worked fine). Added support for Spanish version.
- ver 2.05a 10/13/94 French version support added. Fixed Reports combo box list.
- ver 2.05 10/09/94 Various fixes/enhancements: Help file added. Fixed registration problem with some foreign languages. Fixed "Yes to All" option (malfunctioned when multiple Find/Replace specifications had been made). Worked around module replace "all changes not made" when line too long problem. Fixed module search with multiple Find/Replace specs. Fixed "Skip All" option.
- ver 2.04a 09/23/94 Minor fixes/enhancements: Erroneous self integrity check failure fixed. Search in CBF with multiple find specs improved. Logging enhanced.
- ver 2.04 09/14/94 Fixed bug that prevented German version from loading. Added capability to specify multiple Find/Replace strings. Added change logging and reporting. Added Find only option. Added combo box selection for "Document name like" boxes. Added flexible "Yes To" and "Skip" options to the Replace confirmation dialog. Improved Control Name Change Builder. Misc. enhancements and minor bug fixes.
- ver 2.03 08/08/94 Fixed bug that left Setwarnings off after form and report searches. Added CIS Registration info.
- ver 2.02 08/03/94 If a control name is changed, the Event procedures now get renamed properly no matter what the length of the control name (note: the control name portion of an event procedure name is truncated by Access if the control name is long). Added Name Change Builder for the Name property in the properties box to let Find and Replace do the name change. Substantial improvement in module search. No longer searches all loaded

modules. Will limit search to Object Like specification. No longer leaves modules open. User response only required for modules where a match is found. Includes other module search bug fixes. Interface change: Now can select multiple object types (Tables, Forms,...) and search them in one operation. German Language version support added. Miscellaneous changes to support foreign versions.

ver 2.01	07/08/94	Fixed Invalid Operation error message in form search (search was done correctly though). Enhanced Macro search: searches comments, improved macro name changing. Added a "Yes to All" option.
ver 2.00	07/05/94	Initial Version for MS Access 2.0
ver 1.05	10/21/93	MSAccess 1.1 version
ver 1.04	09/20/93	
ver 1.03	09/09/93	
ver 1.02	08/24/93	
ver 1.01	08/18/93	
ver 1.00	08/18/93	Initial Version for MS Access 1.1

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To access the registration form provided in Find and Replace, click the "About" button on the Find and Replace form and then click the Registration Form button. You may fill out this form, print it, and send it in with your registration fee.

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software via the software's registration code screen. To get to the registration code screen click the 'About' button on the main Find and Replace screen, and then click the 'Enter Registration Code' button.

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