Search and Replace Help Index

Search and Replace is a Search (grep) utility you can use to find a given string in multiple files.   In the registered version, you can replace some, all or none of these strings with another string.   In the shareware version, you can only replace in the first file in each session.   A touch button allows you to change the date and time of the files you specify.   The Search Results list allows you to view the file using the associated viewer or the context of the line where the string was found (see <u>Search and Replace for Windows main dialog</u>**).   Regular expressions are supported for both Search and Replace (registered version only).See** <u>Regular Expression Support</u> **for more details.   You can create** <u>Scripts</u> **for multiple Search/Replace strings and/or multiple paths and masks to process.   For processing multiple lines or** <u>Using Special Characters</u> **see the** <u>Binary Mode dialog</u> **(... buttons next to the Search and Replace fields).**

How to...

Start a search	Enter (or select from combo boxes) a search string, one or more file masks and a path. Then click Search. For more information see <u>Search and Replace for Windows main dialog</u>.
Use Special characters or Multiple Lines in Search or Replace	Click the (...) button to the right of the Search or Replace String field to use multiple lines or special characters for that field. The <u>Binary Mode dialog</u> will be displayed. When you are done creating the string Binary mode -->> is displayed on the main dialog. To view the string later, click the button again (it cannot be shown on the main screen).
Start a replace (registered version only)	Enter (or select from combo boxes) a search string, a replace string, one or more file masks and a path. Then click Search & Replace. For more information see <u>Search and Replace for Windows main dialog</u>.
Find Files only	Enter one or more file masks and a path. Do not enter a Search String (or blank it out). Then click Search. For more information see <u>Search and Replace for Windows main dialog</u>.
Touch Files	Enter (or select from combo boxes) one or more file masks and a path. You will be prompted for a date and time to use for all the files.
Change Options	Click the Options button (see <u>Options dialog</u>). Among the options you can change are the colors to use for display, how often to prompt during replaces, a file(or printer) to write the output to, number of items to save in the combo boxes, etc.
View the Context of a Search Result	Double-click the Search Result or click the right (left for left-handers) mouse button and use the pop-up menu. Binary files cannot be viewed at this time. Registered version allows you to edit the file. To open the file using the associated program, double-click the Processing file... line in the Search Results or click the right (left for left-handers) mouse button and use the pop-up menu.
Use Regular Expressions	See <u>Regular Expression Support</u>. Regular expressions are supported for Search and Replace (replacing allowed only in registered version).
Use Scripts for multiple	You can save scripts containing multiple Search/Replace strings and/or paths and file masks to process. See the see <u>Script dialog</u> for more

Search and Replace strings or Paths.	information.
Use Command Line Parametrs	See <u>Command Line Parameters</u>. For all practical purposes, only the Windows 95/NT can be used from the command line.

Main Menu

<u>Action Menu</u>
<u>Edit Menu</u>
<u>View Menu</u>

Commands

<u>Search and Replace for Windows main dialog</u>
<u>Options dialog</u>
<u>Script dialog</u>
<u>Touch dialog</u>
<u>About dialog</u>
<u>Ordering Information</u>
<u>License Information</u>

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Actions Menu

Search
    Select this item to start a search.

Search and Replace
    We recommend that if you use this feature you also enter a backup path in the Options dialog. Select this item to start a search and replace.

Touch
    Select this item to touch the files found using the mask(s) provided in the specified directory.

Exit
    Select this item to exit the application.

Edit Menu

Copy Search Results

Select this item to copy the Search Results (if any) to the clipboard.   If the Search Results list contains nothing, this item is not available.

View Menu

Open with Associated File
Select this item to open the current file in the Search Results (if any) using the associated viewer.   If no viewer is associated with that file extension, the default viewer (configurable in the <u>Options dialog</u>   is used (default is NOTEPAD.EXE). .   The line where the focus is (marked by a thin rectangle) on the Search Results list is used to determine which file to open.   If the Search Results list contains nothing, this item is not available.

Open with Default Viewer
Select this item to open the current file in the Search Results (if any) using the default viewer (configurable in the <u>Options dialog</u>   is used (default is NOTEPAD.EXE). .   The line where the focus is (marked by a thin rectangle) on the Search Results list is used to determine which file to open.   If the Search Results list contains nothing, this item is not available.

Open with...
Select this item to open the current file in the Search Results (if any) using the a viewer of your choice.   A <u>Select Viewer dialog</u>   will allow you to select the viewer to use.   The line where the focus is (marked by a thin rectangle) on the Search Results list is used to determine which file to open.   If the Search Results list contains nothing, this item is not available.

Contents
Select this item to view the current line in the Search Results (if any) and several lines before and after it using the <u>View Context dialog</u>.   The line where the focus is (marked by a thin rectangle) on the Search Results list is used to determine which line to show.

Options
Select this item to display the <u>Options dialog</u>.

Search and Replace for Windows dialog box

Basic Functionality
    The Search and Replace for Windows Utility allows you to search (and replace it with
    another string if you wish) for a given string in a set of files you specify on a path you
    specify.   You can also use the application as a file finder by not entering a Search String.

    The dialog box is sizable, maximizable and minimizable for your convenience.

    The found strings and the files they are found in are clearly displayed in a list box using a
    customizable color.

Search String field
    Enter the string to search for in this field or select a previous search string from the
    combo list.   Your last few search strings are saved for you by the application and you
    can find them in the combo box list.   If you do not enter a Search String, the File Mask
    and Path fields will be used to execute a File Find, with the results displayed in the Search
    Results list.

Search String Browse button (... next to Search String field)
    Click to use multiple lines or special characters for the Search field.   The Binary Mode
    dialog will be displayed to allow you to create the multiple line and/or special character
    Search String.   When you are done creating the string Binary mode -->> is displayed on
    the main dialog.   To view the string later, click the button again (it cannot be shown on
    the main screen).

Replace String field
    Enter the string to replace with in this field or select a previous replace string from the
    combo list.
    Your last few strings to replace are saved for you by the application and you can find
    them in the combo box list.

Replace String Browse button (... next to Replace String field)
    Click to use multiple lines or special characters for the Replace field.   The Binary Mode
    dialog will be displayed to allow you to create the multiple line and/or special character
    Replace String.   When you are done creating the string Binary mode -->> is displayed
    on the main dialog.   To view the string later, click the button again (it cannot be shown
    on the main screen).

File Mask field
    One or more search masks for search files.   The masks are those used in the DOS dir
    command (Examples: *.*;*.txt;*.doc;*.??1).   More than one mask can be specified by
    using a semicolon separator (see example above). You can use the ~ character to denote
    a mask NOT to search (for example: *.*;~*.swp;~*.exe;~*.dll).   To specify a ~ as part of
    the file mask, use \~ (ie *.*;\~*.tmp).   Your last few search file masks are saved for you
    by the application and you can find them in the combo box list.

Path field
    Path where files to search reside.   You may type it by hand, navigate to it by using the
    Browse button below, or select a previously used path from the combo list.   Your last few
    search paths are saved for you by the application and you can find them in the combo
    box list.

Path Browse button (... next to Path field)
    Click to select   the path where files to search reside.   The <u>Select Path dialog</u> will be displayed to allow you to visually select the path.   If the Path field (described above) contains a valid path, it will be your starting path in the <u>Select Path dialog</u>.   Otherwise, the current path will be used.

Case sensitive field
    Check this field if you want the search to be case sensitive.   Uncheck it if you want to search regardless of case.

Search subdirectories field
    Check this field if you want to search all subdirectories of your path (this will usually slow your search down).   Uncheck it if you just want to search the specified path.

Match Whole Word
    Check this field if you want to look for the exact word or phrase specified (enclosed by whitespace).   For example, if this option is on and you look for Window, the program will find it in the phrase ...use the **Window** menu... but not in the phrase ...Windows 95....   If this option is not checked, both occurrences will be found.

Regular Expression field
    Check this field if you want to use a regular expression.   Case sensitive and binary mode can be used in conjunction with this type of search. See <u>Regular Expression Support</u> for more information on the syntax supported.

Search Results List
    Your search results are displayed there.   The file name and the strings found are displayed in different colors (if you cannot see them, try changing the colors from the Options dialog).   You can double-click an item to   display the <u>View Context dialog</u> (if double-clicking on a line where the search string is displayed) or Shell the executable associated with it (in File Manager).   You can also use the right mouse button to display a menu or use the Ctrl+C key to copy the list box contents to the Clipboard.

Search button
    Click this button to start a search.

Search and Replace button
    We recommend that if you use this feature you also enter a backup path in the Options dialog.   Click this button to start a search and replace.

Options button
    Click this button to display the <u>Options dialog</u>.

Touch button
    Click this button to touch the files found using the mask(s) provided in the specified directory.

About button
    Click this button to view system information, <u>Ordering Information</u> and licensing information.

Exit button

Click this button to exit the application.

Options dialog box

Display File Names
Select All Files Searched to get a notification for every file searched (even if no strings were found).
Select Only ones with hits to get feedback only from files where the search string was found and to see the hit lines.
Select No Hit Lines if you only want to know how many hits were found in each file,

Number of items to save
Select the maximum   number of items to save in the Search String, Replace String, Mask and Path combo boxes.

Number of lines to view
Select the number of items before and after the hit line to view in the View Context dialog.

Found Color Button
Choose this button to display the Color dialog to select a new color for the found strings in the list.

File Color Button
Choose this button to display the Color dialog to select a new color for the file names where the strings were found.

Show Output to File and Browse button
Enter a file name (if no path is specified, the current directory is used) for a file where the list output will be directed.   If this field is blank, no file is produced.).   You may also use the Browse button to select a default viewer, in which case you will see File Save As dialog.

Before Hit
You can change the string displayed before hits in clipboard dump or in the Output File. If you do not want anything displayed, blank out this field.

After Hit
You can change the string displayed after hits in clipboard dump or in the Output File.   If you do not want anything displayed, blank out this field.

If no association use and Browse button
Enter a file name for the default viewer (to be used when a file has no association). You may also use the Browse button to select a default viewer, in which case you will see Select Viewer dialog.

Search and Replace group
Select Prompt on all to get a prompt on every string to be replaced in every file.   Select Prompt on each file to get a prompt for all occurrences in each file. (If you use this option, you may not realize exactly the context of every string you replace).   Select Replace All   to not get any prompts at all for all replaces. (If you use this option, you may not realize exactly the context of every string you replace or which files you replace them in until after the operation is finished).

Backup Path and Browse button
    Select a backup path if you want your old files backed up.   You may also use the Browse
    button to select a path, in which case you will see the <u>Select Path dialog</u>.   The directory
    tree will be created if needed during the Replace operation (if Search Subdirectories was
    checked)

Write Files to Backup Path field
    Check this box if you want to write the changed files to the backup directory.   Also
    specify a Backup Directory.   The directory tree will be created if needed during the
    Replace operation (if Search Subdirectories was checked)

Max Reg. Expr .field
    Enter the maximum number of bytes to allow for searching for a regular expression (such
    as *).   See <u>Regular Expression Support</u> for more details.   The maximum allowed is 4096
    (4K).

OK button
    The changes will be made.

Cancel button
    The changes will not be made.

Script dialog box

Basic Functionality
   The Script dialog allows you to create and edit Search and Replace scripts.   You can use
   a script to specify multiple search/replace combinations for processing, to save a
   particular Search or Replace string for later use, or to process multiple drives/directories
   and/or file masks.   You can override the Search and Replace strings in the main dialog
   and still use the Masks and Paths, or you can override anything but the list of paths, or
   only use the Search/Replace list on a path and mask specified in the main window.

Multiple Search and Replace Items

Search String field
   Enter the string to search for in this field.   Selecting a row in the Search/Replace List will
   display the information for that row and allow you to edit it.   When you are done with
   this field, the Replace string and the Case Sensitive, Regular Expression and Match
   Whole Word settings, you can click Apply to save the information.

Search String Browse button (... next to Search String field)
   Click to use multiple lines or special characters for the Search field.   The Binary Mode
   dialog will be displayed to allow you to create the multiple line and/or special character
   Search String.   When you are done creating the string Binary mode -->> is displayed.
   To view the string later, click the button again.

Replace String field
   Enter the string to search for in this field.   Selecting a row in the Search/Replace List will
   display the information for that row and allow you to edit it.   When you are done with
   this field, the Search string and the Case Sensitive, Regular Expression and Match Whole
   Word settings, you can click Apply to save the information.

Replace String Browse button (... next to Replace String field)
   Click to use multiple lines or special characters for the Replace field.   The Binary Mode
   dialog will be displayed to allow you to create the multiple line and/or special character
   Replace String.   When you are done creating the string Binary mode -->> is displayed.
   To view the string later, click the button again.

Case sensitive field
   Check this field if you want the search to be case sensitive.   Uncheck it if you want to
   search regardless of case. To save the information for the current row when you are
   done, click Apply (in the same group).

Search subdirectories field
   Check this field if you want to search all subdirectories of your path (this will usually slow
   your search down).   Uncheck it if you just want to search the specified path. To save the
   information for the current row when you are done, click Apply (in the same group).

Match Whole Word
   Check this field if you want to look for the exact word or phrase specified (enclosed by
   whitespace).   For example, if this option is on and you look for Window, the program will
   find it in the phrase ...use the **Window** menu... but not in the phrase ...Windows 95....   If
   this option is not checked, both occurrences will be found. To save the information for the
   current row when you are done, click Apply (in the same group).

Regular Expression field

Check this field if you want to use a regular expression.   Case sensitive and binary mode can be used in conjunction with this type of search. See <u>Regular Expression Support</u> for more information on the syntax supported. To save the information for the current row when you are done, click Apply (in the same group).

Apply button for Search/Replace List

Click this button to save the information for the currently selected row.

Remove button for Search/Replace List

Click this button to delete the information for the currently selected row.

Remove All button for Search/Replace List

Click this button to remove all the Search/Replace rows (to start a new script for example).

Multiple Paths and File Masks Items

File Mask field

One or more search masks for search files.   The masks are those used in the DOS dir command (Examples: *.*;*.txt;*.doc;*.??1).   More than one mask can be specified by using a semicolon separator (see example above).   You can use the ~ character to denote a mask NOT to search (for example: *.*;~*.swp;~*.exe;~*.dll).   To specify a ~ as part of the file mask, use \~ (ie *.*;\~*.tmp).   To save the information for the current row when you are done, click Apply (in the same group).

Path field

Path where files to search reside.   You may type it by hand, navigate to it by using the Browse button below, or select a previously used path from the combo list.   Your last few search paths are saved for you by the application and you can find them in the combo box list. To save the information for the current row when you are done, click Apply (in the same group).

Path Browse button (... next to Path field)

Click to select   the path where files to search reside.   The <u>Select Path dialog</u> will be displayed to allow you to visually select the path.   If the Path field (described above) contains a valid path, it will be your starting path in the <u>Select Path dialog</u>.   Otherwise, the current path will be used.   To save the information for the current row when you are done, click Apply (in the same group).

Path/Mask List

The items currently saved in this script are displayed.   To change a specific row, select it in this list.   The information for the row will then be displayed and you can then modify or delete it as you wish.

Apply button for Path/Mask List

Click this button to save the information for the currently selected row.

Remove button for Path/Mask List

Click this button to delete the information for the currently selected row.

Remove All button for Path/Mask List
Click this button to remove all the Path/Mask rows (to start a new script for example).

Script Operations
Save As button
Click this button to save the created/modified script to disk.

Load button
Click this button to load a script from disk for editing or using Search, Search and Replace, Touch or File Find.

Use Script button
Click this button to use the script   for Search, Search and Replace, Touch or File Find. You can override several of the script settings in the main window (see Basic Functionality desctiption above for details).

Cancel button
Exits the dialog without using the script settings.   If you made changes to a script, you are asked whether you want to save the information.

Regular Expression support

You can use Regular Expressions for more advanced searches, where the Search String follows a rule and is not always exactly the same.   An operator is a symbol that controls the search and an expression is any combination of characters and operators that specifies a pattern.

Here are some examples:

What to Match	Operator	Examples
Any single character	?	**g?t** finds **get**, **got**, **gut**
Any string of characters (one or more)	+	**w+e** finds **wide**, **white**, **write** but not *we*
Any string of characters (or none)	*	**w*e** finds **wide**, **white**, **write** and **we**
One of the specified characters	[]	**g[eo]t** finds **get** and **got** but not *gut*
One of the characters in a range	[-]	**[b-p]at** finds **bat**, **cat**, **fat**, **hat**, **mat** but not *rat* or *sat*
One expression or another	(|)	**W(in|indows)** will find **Win** or **Windows**
One or more expressions	+()	**+(at)** will find **atat** in c**atat**onic and **at** in b**at**tle
Two strings nearby (perhaps on different lines)	*[]	**the*[\0-ÿ]first** will match **the first** and **the (line feed... more text) very first**
		You can enter special characters in the <u>Binary Mode dialog</u> (the ... buttons next to the Search and Replace Strings) and use them with regular expressions.
A string that doesnt start with an expression	!()	**!(http):** will match **:** in following**:** but not in *http://home.sprynet.com//sprynet/funduc*
One of the characters not in a range	![-]	**[b-p]at** finds **bat**, **cat**, **fat**, **hat**, **mat** but not *rat* or *sat*
An expression at the beginning of a line	^	**^the** finds **the** at the beginning of a line and **The** if case sensitive is turned off.*t*
An expression at the end of a line	$	**end$** finds **end** when its the last string on a line.

Regular expressions are supported using a subset of the UNIX grep notation for Searching and DOS style Batch file input parameter notation with some extensions for Replacing.

The major differences between the Search and Replace and egrep regular expressions are:
- . operator is not supported
-      *+?! operator must **precede** an expression enclosed by () or [] (such as *[123] or + (Windows)).   Otherwise, the operator is assumed to match any/all characters from beginning of line or to the end of the line.

See more <u>Regular Expression Examples</u>.

Using the case sensitive flag and binary mode strings are supported.   Note that the \ character must be doubled (\\) for it to be matched correctly when using Regular Expressions.   Also see below which characters must be preceded by \ to be interpreted as a literal (search and replace special characters are different).

Search Regular Expressions Supported

Match Operators

*   Zero or more expressions enclosed in () or can be used by itself (see below).   This operator is meant to be used around strings.   Entering several expressions in a row containing * should be carefully done to avoid overlapping characters which can produce unpredictable matches.   A list of characters to match can be specified (Windows *[0-9] will match Windows 95).
Example: ***(is)** will match zero or more strings such as: **is**, **isis**.
This operator can also be used to match all characters between two strings.
Example: **Win*95** will match **Windows 1995**, **Win 95**, **Windows 95** etc.
Note: using the operator at the beginning of the line will match all characters from the start of the line and at the end, to the end of the line.   You can match characters between two or more strings (up to 512 characters apart) by specifying a range after the * operator: **Windows*[\0-ÿ]95** will match up to 512 characters (on several lines) between Windows and 95.

\+   One or more expressions enclosed in ().

Example: **+(is)** will match one or more strings such as: **is**, **isis**.

?   Exactly one expression enclosed in () or any one character.
Example: **?(is)** will match the string **is** or **si**.
This operator can also be used to match any character between two strings or before or after a string.   This is the main use for this operator.
Example: **Win?95** will match **Win 1995**, **Win-95**, **Win/95** etc.
Note: Using this operator by itself will   match every character in a file one at a time and should be avoided.

!   Does not match if the expression is found.
Example: **!(a-c)at** will match the string **mat**, **rat** or **fat** but not *bat* or *cat*.
Another use is to look for a string that doesnt contain an expression.   Example: **!(Windows)95** will find **95** in 19**95** but not in *Windows 95*

^   An expression that starts at the beginning of a line.

Example: **^the** finds **the** at the beginning of a line and **The** if case sensitive is turned off.

$ An expression that ends at the end of a line
Example: **end$** finds **end** when its the last string on a line.

Sub-Expression Operators

[]   Any one character entered between the brackets will be matched.   Ranges are allowed by using the a-z notation.   The [] operator can be used after a ?* + operator to modify the range matched by that operator (for example ***[0-9]** will match: **234907**, **5795**, or   an empty string).
Example: **[niewW]** will match one or more strings such as: Win, new, win.
Example: [a-z] will match any lower case strings if case sensitive and any words if not case sensitive.   You can also enter **[a-zA-Z0-9\-_]** ie. multiple ranges and the - character itself preceded by a \.

()   Denotes one or more sub-expression.   You can specify matching an expression or another by using the | operator.
Example: **Win(95|dows 95)** will match strings such as: **Windows 95** and **Win 95**.

Special Search Characters

The following characters must be preceded by a \ to be interpreted as a literal in a search: -+*?()[]\|$^|

Complex Expressions
The above mentioned operators can be combined to produce searches such as:

?include (<|\[)[a-z0-9_].h*(p)+   Will match:
[\]>]   #include [stdafx.h]
                                                              #include <dos.h>
                                                              #include [my_include.hpp]
                                                              #include [sr32.h]
                                                              etc.

Replace Regular Expressions Supported

The operators matches can be replaced with nothing (removed), the case of the text matched can be changed or they can be left intact.   All operators may match some strings and therefore all should be accounted for in the replace expression.

Match Operators
%n   %1 will use the first expression in the search string.   For example:
          Given Search string: ?include (<|\[)[a-z0-9_].h*(p)+[\]>]
          You can replace that with: %1exclude [%3>.H%4>]
          and get results:
          #include [stdafx.h]   to   #exclude [STDAFX.H]
          #include <dos.h>   to   #exclude [DOS.H]
          #include [my_include.hpp]   to   #exclude [MY_INCLUDE.HPP]
          #include [sr32.h]   to   #exclude [SR32.H]
          In this example:
          %1   - ?
          %2   - (<|\[)
          %3 -   [a-z0-9_]
          %4 -   *(p)
          %5 - +[\]>]

          These parameters can be used several times, omitted or used in any order.
<   Make lower case operator.   To be used in conjunction with %n: %1< will replace the original first
          matched expression with its lower case version.
>   Make upper case operator.   To be used in conjunction with %n: %1> will replace the original first
          matched expression with its upper case version.

Special Replace Characters
The following characters must be preceded by a \ to be interpreted as a literal in a replace: %\<>

Regular Expression Examples

For all the replaces, you can see the result of the operation by making sure that in the Options dialog the Prompt on All radio button is selected (in Search and Replace Options group).

Search String	Will Match
[on]	**non**, **no**, **on**
\[	**[**
+[a-z]	**abcdefghijklomopqrstuvwxyz** if used with Case Sensitive off, it will also match ABCDEFGHIJKLMNOPQRSTUVWXYZ
[a-zA--ZÀ-ÿ]	matches the same as the example directly above (regardless of case sensitive flag) and also all other special characters for Western European languages. See the Binary Mode dialog for the order of those characters in the ASCII table.
+(one|two|three)	**one**, **onetwo**, **twothree**
?(one|two|three)	**one**,**two**,**three**
Windows*[\0-ÿ]95	Will match up to 512 characters (on several lines) between Windows and 95.
all * replaces	**all the replaces** (the * character matches all chars on the same line unless a [] expression overrides that - see above)
/**[\0-ÿ]*/	Will match C style comments on several lines if necessary (up to 512 characters).
01*[0-9].htm	**01346.htm**, **01.htm**, **016965.htm**
*[ab]c	**c**, **abc**, **bac**, **abbc**, **bbac**

Search String	Replace String	Effect
.	%1>.%2>	c:\windows\win.ini => C:\WINDOWS\WIN.INI
+[a-z]	%1>	Windows => WINDOWS
7*.htm	5%1.htm	711.htm => 511.htm 7days.htm => 5days.htm
[253]7[832].htm	%15%2.htm	3572.htm => 3552.htm
*[253]7[832].htm	%15%2.htm	72.htm => 52.htm
(homepage|index).htm	%11.htm	homepage.htm => homepage1.htm index.htm => index1.htm
+(12)[0-9]	%1%2a	12532 => 12532a 1212753 => 1212753a

???*(d|m).htm	%1%2%3d1.htm	card.htm => card1.htm
		form.htm => form1.htm
?(Windows)	OS/2	Windows => OS/2 (just kidding)
.		

Touch Dialog

This window allows viewing and changing the date and time which will be assigned to the files using the masks specified.

Date field
    Select the date to be used (in format mm/dd/yy or mm/dd/yyyy).

Time fields
    Select the time to be used (in format hh or hh:mm or hh:mm:ss) and AM or PM (do not use military time).

OK button
    The dates and times will be set for all the files found using the masks specified.

Cancel button
    No files will be touched.

Update button
    The date and time will be refreshed using the current date and time (on the PC clock).

Binary Mode Dialog

This window allows entering multiple lines for search and replace strings.   It also allows users to enter binary characters(such as tabs, special characters, etc).   See <u>Using Special Characters</u> for more details.   To Search/Replace line feeds, use **\r\n** and for TAB characters, use **\t**.

Search/Replace Block field
> You can type, paste(using paste button or Ctrl+V) text already in the Clipboard or use the Binary Codes list (below) to add characters to this field.   Note that you can perform the usual editing operations in this field by using the keyboard as follows:
> Copy - Ctrl+C
> Paste - Ctrl+V
> Undo - Ctrl+Z(last operation only)

Binary Codes fields
> This List allows you to add special characters to the Search/Replace field by either double-clicking or selecting an item and then clicking the Add Code button

Add Code button
> The Binary Code specified will be added to the Search/Replace Block field.

OK button
> The Search/Replace field will be used as specified.

Cancel button
> No changes are made.

Paste Text
> The text currently in the clipboard is pasted in the Search/Replace Block field.   If anything is selected in the Search/Replace field, the selection will be replaced by the text pasted.   If no text is in the clipboard, nothing will happen.

Using Special Characters

You can process (either Search for or Search and Replace) binary characters, line feeds (in DOS CR LF combinations - **\r\n**), tabs, etc by using the Binary Mode dialog which is available from the **...** buttons next to the Search and Replace String fields.

The most important special characters are **\r\n** (the DOS linefeed sequence), **\t** (the TAB character) and \\ (note the \ characters MUST be doubled for the parser to work correctly). Since you can use the Binary Mode dialog with Regular   Expressions, see the Regular Expression Support for additional special characters.

Here is the list of Special characters:

Representation	Description
\0	Character 0
\0x1	Character 1
\0x2	Character 2
\0x3	Character 3
\0x4	Character 4
\0x5	Character 5
\0x6	Character 6
\a	ASCII Bell characters
\b	ASCII Backspace character
\t	TAB
\n	Line Feed (in DOS \r\n constitute a line feed)
\v	Vertical TAB
\f	Form Feed
\r	Carriage Return (in DOS \r\n constitute a line feed)
\0xe	Character 14
0\xf	Character 15
0\x10	Character 16
0\x11	Character 17
0x\12	Character 18
0x\13	Character 19
0x\14	Character 20
0x\15	Character 21
0x\16	Character 22
0x\17	Character 23
0x\18	Character 24
0x\19	Character 25
0x\1a	Character 26
0x\1b	Character 27 (ESC char)
0x\1c	Character 28
0x\1d	Character 29
0x\1e	Character 30
0x\1f	Character 31
	(space)
!	!
\"	"
#	#
$	$
%	%
&	&
\'	'

(
)
*
+
,
-
.
/
0
1
2
3
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5
6
7
8
9
:
;
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>
\?
@
A
B
C
D
E
F
G
H
I
J
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L
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V
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Y
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(
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7
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C
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L
M
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P
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R
S
T
U
V
W
X
Y
Z
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]
^

¯	¯
a	a
b	b
c	c
d	d
e	e
f	f
g	g
h	h
i	i
j	j
k	k
l	l
m	m
n	n
o	o
p	p
q	q
r	r
s	s
t	t
u	u
v	v
w	w
x	x
y	y
z	z
{	{
|	|
}	}
~	~
0\x7f	Character 127
0\x80	Character 128
0\x81	Character 129
0\x82	Character 130
0\x83	Character 131
0\x84	Character 132
0\x85	Character 133
0\x86	Character 134
0\x87	Character 135
0\x88	Character 136
0\x89	Character 137
0\x8a	Character 138
0\x8b	Character 139
0\x8c	Character 140
0\x8d	Character 141
0\x8e	Character 142
0\x8f	Character 143
0\x90	Character 144
0\x91	Character 145
0\x92	Character 146
0\x93	Character 147
0\x94	Character 148
0\x95	Character 149

0\x96	Character 150
0\x97	Character 151
0\x98	Character 152
0\x99	Character 153
0\x9a	Character 154
0\x9b	Character 155
0\x9c	Character 156
0\x9d	Character 157
0\x9e	Character 158
0\x9f	Character 159
0\xa0	Character 160
0\xa1	Character 161
0\xa2	¢
0\xa3	£
0\xa4	¤
0\xa5	¥
0\xa6	¦
0\xa7	§
0\xa8	¨
0\xa9	©
0\xaa	ª
0\xab	«
0\xac	¬
0\xad	
0\xae	®
0\xaf	¯
0\xb0	°
0\xb1	±
0\xb2	²
0\xb3	³
0\xb4	´
0\xb5	µ
0\xb6	¶
0\xb7	·
0\xb8	¸
0\xb9	¹
0\xba	º
0\xbb	»
0\xbc	¼
0\xbd	½
0\xbe	¾
0\xbf	¿
À	À
Á	Á
Â	Â
Ã	Ã
Ä	Ä
Å	Å
Æ	Æ
Ç	Ç
È	È
É	É
Ê	Ê
Ë	Ë
Ì	Ì

Í	Í
Î	Î
Ï	Ï
Ð	Ð
Ñ	Ñ
Ò	Ò
Ó	Ó
Ô	Ô
Õ	Õ
Ö	Ö
\xd7	Character 215
Ø	Ø
Ù	Ù
Ú	Ú
Û	Û
Ü	Ü
Ý	Ý
Þ	Þ
ß	ß
à	à
á	á
â	â
ã	ã
ä	ä
å	å
æ	æ
ç	ç
è	è
é	é
ê	ê
ë	ë
ì	ì
í	í
î	î
ï	ï
ð	ð
ñ	ñ
ò	ò
ó	ó
ô	ô
õ	õ
ö	ö
0xf7	Character 247
ø	ø
ù	ù
ú	ú
û	û
ü	ü
ý	ý
þ	þ
ÿ	ÿ

Command Line Parameters

For the Windows 95/NT version, command -line parameters can be used as follows:

/i   Case Insensitive (note that this option is the reverse of what the user
                interface shows).   If not specified, Case Sensitive is assumed.
/x   Regular Expression.   If not specified, it is assumed off.
/d   Search Subdirectories.   If not specified, it is assumed off.
/w   Match Whole Word (ignored if Regular Expression is used) .   If not
                specified, it is assumed off.
/r   Perform a   replace (to be used with Script see below).
/t   Perform a Touch on the files specified.
/sstring   Search String to use (automatically starts a Search).   If the string
                contains spaces or / characters, enclose it in double quotes.
/pC:\   Path to search with mask(s) appended after the \.   If no path or masks
.ini;,txt   are specified, the last program default is used.
/oresults.txt   Output file to send the search results to.   If not specified, the last
                program default is used (this is specified in the Options dialog).
/cscript.srs   Script file to use.   If Replace or Touch is not specified(see above), a
                Search is performed.

The flags can be upper or lower case and the ixdw flags can be used separately or together
in any order.   Here are some examples:

SR32 /oc:\dump.txt /sWindows /pc:\windows*.ini /id
SR32 /I /D /oc:\dump.txt /SWindows /pc:\windows*.ini /id

Replace Confirmation Dialog

This window allows several options for replacing the string found:

Replace This button
    This occurrence of the found string will be replaced.

Replace Rest In File button
    All occurrences of the found string in the file currently processed will be replaced.

Replace Rest In Directory button
    All occurrences of the found string in the files in the current files directory will be replaced.

Replace All Remaining button
    All occurrences of the found string in the file currently processed and the files processed after that will be replaced.   No more prompts will be displayed until the end of the operation.

Skip This button
    This occurrence of the found string will not be replaced.

Skip Rest of File button
    All remaining occurrences of the found string in the file currently processed (including the current one) will not be replaced.

Skip Rest In Directory button
    All occurrences of the found string in the files in the current files directory processed (including the current one) will not be replaced.

Cancel Remaining button
    All occurrences of the found string in the file currently processed and the files processed after that will not be replaced.

Found String List
    The list box containing the Search Results allows you to double-click an item to   display the View Context dialog (if double-clicking on a line where the search string is displayed) or Shell the executable associated with it (in File Manager).   You can also use the right mouse button to display a menu or use the Ctrl+C key to copy the list box contents to the Clipboard.   To change the colors and many other options, click the Options button.

About Box

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Confirmation Dialog

This window allows you to confirm whether or not you want to perform an operation (such as replace Read-Only files).   A Yes To All button allows you to avoid being prompted again.
The Cancel button will Cancel the entire remaining replaces.

View Context

This window allows you to view and change (in the registered version) the lines around where the search string was found.

The number of lines before and after is configurable in the <u>Options dialog</u> (see the Number of Lines to View field).

Note that you can perform the usual editing operations in this field by using the keyboard as follows:
Copy - Ctrl+C
Paste - Ctrl+V
Undo - Ctrl+Z(last operation only)

Save button
    The changes will be made (registered version only).

Cancel button
    The changes will not be made.

Page Up button
    Will display the block of lines above the current block.

Page Down button
    Will display the block of lines above the current block.

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                     __ 3.5" Disk (please add $3 or $5 for S&H below)

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Select Path dialog box

Directories
    Select the directory where the files you want to search reside.

Drive
    Select the drive where the files you want to search reside.

OK button
    The path you selected will be used.

Cancel button
    The path will not be changed.

File Open/Select Viewer dialog box

File Name
Select or type the name of the document you want to open. This box lists documents
with the filename extension selected in the List Files Of Type box. To see a list of files with
a particular extension, type an asterisk (*), a period, and the three-character extension,
and then press ENTER. To see files with more than one filename extension, type a
semicolon (;), a second asterisk (*), a period, and another three-character extension. For
example, if you
want to see all files with the .TXT extension and all files with the .INI extension, type
.txt;.ini.

List files of Type
Select the type of files you want to see in the File Name list.

Directories
Select the directory where the files you want reside.

Drive
Select the drive where the files you want reside.

OK button
The File you selected will be used.

Cancel button
The File will not be used.

File Save dialog box

File Name
To save a document with a new name, in a different file format, or in a different location, type a new filename. To save a document with an existing filename, select the name in the list or type the current name.

Save files of Type
Select the type of files you want to see in the File Name list.

Directories
Select the directory where the files you want to search reside.

Drive
Select the drive where the files you want to search reside.

OK button
The File you selected will be used.

Cancel button
The File will not be used.

Color dialog

Basic Colors
Basic colors is a palette of the preset colors available for your screen.

Click the color you want to use.
Or TAB to the color you want and press the SPACE bar to select it.

Custom Colors
Custom color can be set by the user by using the Define Custom Colors Button.
They are selected the same way Basic Colors are.

Define Custom Colors Button
The changes will be made.

OK button
The changes will not be made.

Cancel button
The path will not be changed.

No Help Available

No help is available for this area of the window.

No Help Available

No help is available for this message box.