Directory Toolkit Help Index

Directory Toolkit is an application meant to provide features missing from Windows 95 and Windows NT 4.0 or higher.   It allows files in two directories to be compared, provides renames, copy, move and delete of multiple files using wildcards while preserving long file names (the DOS commands dont), Decoding of files, splitting/concatenating of file to/from diskettes, Explorer compatible OLE drag and Drop, Sort Directories, opening files and launching applications.   The main features are listed below.

How to...

Compare and Synchronize Directories	Enter or select the Directories and file masks, then click the Compare Directories toolbar button or select it from <u>File Menu</u>. You can then <u>Synchronize Directories</u>. To perform a binary compare on matched files, check Binary Compare Files in the <u>Options dialog</u>.
Split a file	Select a file, then right-click and pick Split File. You can then select what size the files should be (default is the Max size a 1.44 disk allows) and follow the on-screen instructions. See the <u>Split File dialog</u>.
Concatenate Files	Select the files to concatenate or simply select the menu item from the context or File menu and you will be prompted for files to concatenate. See the <u>Concatenate Files dialog</u>.
Decode a UUENCODED, Base64(MIME) or BinHex file	Click the right (left for left-handers) mouse button and use the pop-up menu to select Decode. If the file is UUENCODED, Base64 or BinHex, encoded, you are prompted before decoding and saving the result file.
Encode a file in UUENCODED or Base64(MIME) format	Click the right (left for left-handers) mouse button and use the pop-up menu to select Encode. You then are prompted to select the encoding format (UUENCODE by default) in the <u>Encode Files dialog</u>.
Find duplicate files on a drive or two paths	Go to the <u>Compare Options dialog</u> (View/Options) and check the Match different duplicate files box. Enter either the path you want to check in both path fields (ie. e:\ and e:\) or the two paths and switch to Compare Directories view or Refresh. Files with different paths are matched and displayed.
Compare the contents of two files	Click the right (left for left-handers) mouse button and use the pop-up menu to select Compare Files or select it from the File Menu. The <u>Compare Files dialog</u> will then be displayed which will clearly show you the differences between the contents of the two files.
Rename, Move, Copy or Delete files using wildcards	To change the case of file names or perform file operations, select from the main menu or the context menu File Operations. The <u>File Operations dialog</u> is then displayed and it will act either on the selected files or file masks you specify.
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. See the <u>Touch dialog</u> dialog.

Copy or move a file to/from the Explorer	You can drag files from the Directory Toolkit to the Explorer, desktop or a printer on the desktop for example. If you drag items from the Explorer to the Directory Toolkit or from one list to the other, the default operation is Copy(unless you hold the Control key down in which case the files will be moved there).
Sort Files in a directory	To physically sort the files in a directory, select Sort Files from the File Menu. See the Sort Files dialog.
Use Command Line Parameters	See Command Line Parameters
View the Directory in a Sorted order	This can be done in One Directory mode only. To sort the files by Name, Size or Date, click on that column. If you click again, the sort order is reversed. To sort by Type(extension), click on the Attrib column.

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File Menu

File Operations
This menu item allows you to Rename, Copy, Move or Delete the selected files or any files using a mask.   The masks are processed by a parser which preserves the long file names (unlike the DOS commands).   See File Operations dialog.

Sort Files
This menu item allows you to physically sort the files in a directory (not subdirectories), by name, type, size or date.   See Sort Files dialog.

Concatenate Files
This menu item allows you to concatenate the selected files or any files you want (from diskettes for example into one target file).   This option can be used with Split File (see below) to store a large file on multiple diskettes and put it back together (if it is already compressed for example).   See Concatenate Files dialog.

Touch
This menu item allows you to Touch (change the date and time) of selected files or all files in a directory and set them to any date and time you wish.   See Touch dialog.

Split
This item allows you to split a file into several (to store on diskettes) with a specified maximum size.   See Split File dialog.

Decode
This menu item allows you to Decode a UUENCODED, Base64 or BinHex file.   The type is auto-detected and, if the file is encoded, you are prompted before saving it.

Encode
This menu item allows you to select a file and encode it in UUENCODED or Base64 for transmitting over the Internet. You then are prompted to select the encoding format (UUENCODE by default) in the Encode Files dialog.

Open with Associated File
Select this item to open the first selected file in the Results list (if any) using the associated viewer. If no viewer is associated with that file extension, the default viewer (configurable in the Options dialog is used (default is NOTEPAD.EXE).

Open with Default Viewer
Select this item to open the first selected file in the Results List (if any) using the default viewer configurable in the Options dialog (default is NOTEPAD.EXE).

Open with...
Select this item to open the current file in the Results List (if any) using the a viewer of your choice. A Select Viewer dialog   will allow you to select the viewer to use.

Compare Files...
Select this item to view the differences between the selected file and another file. The Compare Files dialog will then be displayed which will clearly show you the differences between the contents of the two files.   If the Compare Directories view is used and the file exists in both directories, the program automatically compares the two files.

Select Newer Files Only

This menu item is only available in Compare Directories mode.   It will select the files which were found to be newer.   These are the files which the Synch Directories command (below) will copy.

Synch Directories

This menu item is only available in Compare Directories mode   This dialog allows you to copy newer or missing files or delete older files from the target directory.   Target Directory can be swapped and several options for updating are available.   See Synchronize Directories dialog.

Exit

Select this item to exit the application.

<u>View Menu</u>

Status Bar
Checked when Status Bar is Displayed.

Tool Bar
Checked when Tool Bar is Displayed.

One Directory
Checked when only One Directory is Displayed.

Compare Directories
Checked when the comparison of the files in two directories is displayed.

Include Subdirectories
Toggles the Include Subdirectories flag only in Compare Directories mode.

Refresh
Refresh the display (after and operation the application was not aware of).

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

Directory Toolkit main window

Basic Functionality

Directory Toolkit is an application meant to provide features missing from Windows 95 and Windows NT 4.0 or higher.   It allows files in two directories to be compared, provides renames, copy, move and delete of multiple files using wildcards while preserving long file names (the DOS commands dont), Decoding of files, splitting/concatenating of file to/from diskettes, Explorer compatible OLE drag and Drop, Sort Directories, opening files and launching applications.

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 custumizable color.

File Mask field

One or more search masks for files to display.   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 1 field

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

Path 1 Browse button (... next to Path 1 field)

Click to select the path where files to display reside.   The Select Path dialog will be displayed to allow you to visually select the path.   If the Path 1 field (described above) contains a valid path, it will be your starting path in the Select Path dialog.   Otherwise, the current path will be used.

Path 2 field

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

Path 2 Browse button (... next to Path 2 field)

Click to select the path where files to display reside.   The Select Path dialog will be displayed to allow you to visually select the path.   If the Path 2 field (described above) contains a valid path, it will be your starting path in the Select Path dialog.   Otherwise, the current path will be used.

Results List

Your results are displayed there.   For One Directory, you will see the files in the first directory.   If you selected Compare Directories, you get a listing of the files in both directories side by side with the common files marked clearly.   You can select one or more files and perform operations on them, drag them to copy or move them.   Context menus are available in both modes.

General Options dialog box

For more options see the Compare Options dialog.

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

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.

Confirm File Updates
    Uncheck this box if you dont want prompts before overwriting files.

Compare Files Fields
    Select Align Vertically if you want the files displayed side by side or Align Horizontally if you want to see them displayed one above the other.

OK button
    The changes will be made.

Cancel button
    The changes will not be made.

Compare Options dialog box

For more options see the General Options dialog.

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.   You can also change this field from the View Menu.

Binary Compare Files
> Check this field if you want to check the same size files (with the same name) for identical content. Identical files will then be market as the same even if the dates are different.

Show Output to File:
> You can enter a file to write the results of the Directory Compare to.   The file is TAB delimited and can then be easily imported into a spreadsheet or wordprocessor for a professional-looking report.

Sort By field
> You can sort by Name, Type, Date or Size or select Unsorted to display in the order the files are in the directory.

Ascending field
> You can sort in Ascending Order (default) or Descending (if unchecked).

Match different duplicate files field
> This feature allows you to find duplicate files on a drive by checking the box (in Options) and using the same path (ie. e:\ and e:\).   This option can also be used with different drives and files will be matched regardless of the complete path.   The See Synchronize Directories feature is not available when this box is checked.   You can use the File Operations dialog.

Display Identical Files field
> You can uncheck this if you dont want to see the identical files.

Display Different Files field
> You can uncheck this if you dont want to see the different files.

OK button
> The changes will be made.

Cancel button
> The changes will not be made.

File Operations dialog box

Basic Functionality

The File Operations dialog allows you to copy, rename, move or delete using selected files or masks. The long filenames are preserved (unlike the DOS commands which truncate them). You can also change the case of the file names.

Operation Field

The four supported operations are listed. The default is Rename unless:
- DEL is hit from the main window - in which case Delete is the default
- F7 is hit from the main window - in which case Move is the default
- F8 is hit from the main window - in which case Copy is the default
- Compare Directories is displayed - in which case Copy is the default
You can also change the case of file names by using Rename and special Mask To field characters.
For example if you wanted all .HTM files to be lower case, you could use
Mask From: *.HTM
Mask To: *<.htm

If you want all files in a directory to be upper case, use:
Mask From: *.*
Mask To: *>.*>

Path From field

Path where files to start the operation from reside. You may type it by hand or navigate to it by using the Browse button described below.

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

Click to select the path where files to start the operation from reside. The Select Path dialog will be displayed to allow you to visually select the path. If the Path From field (described above) contains a valid path, it will be your starting path in the Select Path dialog. Otherwise, the current path will be used.

Mask From field

Mask for files to start the operation from reside. If you had selected files, you will see the first file name in the dialog. You can use a mask which contains * and ?. This mask will be validated against the Mask To field. They need to have the same number of wild-cards in the same order.

Path To field

Path where files to move or copy to reside. You may type it by hand or navigate to it by using the Browse button described below.

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

Click to select the path where files to move or copy to reside. The Select Path dialog will be displayed to allow you to visually select the path. If the Path To field (described above) contains a valid path, it will be your starting path in the Select Path dialog. Otherwise, the current path will be used.

Mask To field

Mask for files move or copy to reside. You can use a mask which contains * and ?. This mask will be validated against the Mask To field. They need to have the same number of wild-cards in the same order. You can make a portion of the files or the whole thing all upper or lower case by putting the > (for upper case) and < (for lower case) characters after each wildcard you want to change. If you need to use < or > as part of the mask, simply precede them by a \.

Important note:
For example if you wanted all .HTM files to be lower case, you could use
Mask From: *.HTM
Mask To: *<.htm

If you want all files in a directory to be upper case, use:
Mask From: *.*
Mask To: *>.*>

OK button
The changes will be made.

Cancel button
The changes will not be made.

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).

Sort Files Dialog

This window allows physically sorting the files in a directory.   The files are   removed then put back in the Directory using native Operating System functions therefore this operation can be performed regardless of file system (assuming you have permission to do so).   Subdirectories are not sorted (they will show at the top).

Path field
> Path where files to sort reside.   You may type it by hand or navigate to it by using the Browse button described below.

Path Browse button (... next to Path field)
> Click to select the path where files to sort reside.   The Select Path dialog 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 Select Path dialog.   Otherwise, the current path will be used.

Sort By field
> You can sort by Name, Type, Date or Size.

Ascending field
> You can sort in Ascending Order (default) or Descending (if unchecked).

OK button
> The operation will be performed.

Cancel button
> No action will be taken.

Concatenate Files Dialog

This dialog allows you to concatenate multiple files into one target file.   The file list need not be set from the beginning.   You will be prompted for additional files to concatenate.

Target File field
> Enter a file to save to or use the Browse button described below to select one.

Target File browse button
> You may select a target file. The File Save As dialog is displayed.

Files to Concatenate List
> The list contains the files to concatenate in the order they will be used.   You will be prompted for additional files after these files are concatenated.

Move Up button
> Allows you to select a file and move it up in the list.

Move Down button
> Allows you to select a file and move it down in the list.

Remove Button
> Allows you to remove the selected file from the list.

Decode when done field
> Allows you to decode the Target File if it is UUENCODED, Base64(MIME), BinHex,   XXENCODED or encoded with a user-defined table.   This is equivalent to selecting the Target File and selecting Decode from the File Menu.

OK button
> Concatenates selected files (if any), then prompts user for additional files (if on diskette for example).

Cancel button
> No action will be taken.

Encode Files Dialog

This dialog allows you to one or more files into one file for sending as Internet mail.

Target File field
Enter a file to save to or use the Browse button described below to select one.

Target File browse button
You may select a target file. The <u>File Save As dialog</u> is displayed.

Files to Encode List
The list contains the files to encode in the order they will be used.

Move Up button
Allows you to select a file and move it up in the list.

Move Down button
Allows you to select a file and move it down in the list.

Remove Button
Allows you to remove the selected file from the list.

Emcoding Type field
Allows you to select either UUENCODED or Base64(MIME) encoding type.

OK button
Encodes selected files in the order specified into the target file.

Cancel button
No action will be taken.

Compare Files Dialog

This dialog allows you to view the differences between two files. If one of the files is binary, a Hexadecimal Dump format is used, rather then a line-by-line comparison.   To change to position of the listing windows, see the Options dialog.

Compare button
> Performs the compare operation using the files selected.

File 1 button
> You may select a file to compare. The File Open dialog is displayed.   Alternatively, you can drag a file from the Explorer to the box below this button to select the file.

File 2 button
> You may select a file to compare. The File Open dialog is displayed.   Alternatively, you can drag a file from the Explorer to the box below this button to select the file.

Comparison List
> The list contains the sections that are different or alike in the two files.   Sections denoted with yellow are moved.

File 1 Contents
> You can view the contents of the file as compared to the other file.   Sections that differ are shown in red, moved sections in blue while identical sections are shown in black.

File 2 Contents
> You can view the contents of the file as compared to the other file.   Sections that differ are shown in red, moved sections in blue while identical sections are shown in black.

Synchronize Directories Dialog

This dialog allows you to copy newer file or delete older files from the target directory .

Swap Button
> Alows you to change(swap) the source and target directories.

Synchronize Both field
> Selecting this item will add new files to both directories and copy newer common files from either directory to the other.

Augment Target field
> Selecting this item will add new files from the source directory to the target directory.   You can swap the source and target by using the swap button.

Refresh Target field
> Selecting this item will update only existing files from the source directory to the target directory.   You can swap the source and target by using the swap button.

Update Target field
> Selecting this item will update existing and add new files from the source directory to the target directory.   You can swap the source and target by using the swap button.

Update & Prune Target field
> Selecting this item will first delete files in the target directory that cannot be found in the source directory, then update existing and add new files from the source directory to the target directory. You can swap the source and target by using the swap button.

Remove Duplicates from Target field
> Selecting this item will delete files in the target directory that were found in the source directory and were identical.   If the Binary Check Files Option is set, files whose contents are identical are considered identical, otherwise if the date and time are the same the files are considered identical. You can swap the source and target by using the swap button.

OK button
> Performs the operation requested.

Cancel button
> No action will be taken.

Split File Dialog

This dialog allows you to split a file into multiple files of a given size.   These files can be stored directly on floppies (the default size assumes that).

File Name field
   Enter a file to split or use the Browse button described below to select one.   The file selected (if any) in the main window is used by default.

File Name browse button
   You may select a file to split. The Open File dialog is displayed.

File Size field
   Enter the maximum size of the files produced.   The maximum size of a file stored on 3.5" floppies can be found in the combo box with the 1.44MB as the default.

Destination Path field
   Path where files will reside.   You may type it by hand or navigate to it by using the Browse button described below.   The default is the first floppy drive (A:\).

Destination Path Browse button (... next to Path field)
   Click to select the path where split files will reside.   The Select Path dialog will be displayed to allow you to visually select the path.   The default is the first floppy drive (A:\).

Remove Button
   Allows you to remove the selected file from the list.

OK button
   The file is split(copied to one or more files).   If more floppies are needed, you will be prompted.

Cancel button
   No action will be taken.

Command Line Parameters

Command -line parameters can be used as follows:

/b	Synch Both Directories. See <u>Synchronize Directories dialog</u> for a more detailed description.
/a	Augment Target Directory. See <u>Synchronize Directories dialog</u> for a more detailed description.
/r	Refresh Target Directory. See <u>Synchronize Directories dialog</u> for a more detailed description.
/u	Update Target Directory. See <u>Synchronize Directories dialog</u> for a more detailed description.
/p	Update & Prune Target Directory. See <u>Synchronize Directories dialog</u> for a more detailed description.
/d	Remove Duplicates from Target Directory. See <u>Synchronize Directories dialog</u> for a more detailed description.
/c	Compare Directories mode by default.
/sC:\Source	Path for Source Directory (Path 1).
/TC:\Target	Path for Target Directory (Path 2).
/q	Quit after operation. Application will close after the operation is completed.

The flags can be upper or lower case. Only one of the barupdc flags should be specified.   Here are some examples:

DIRTKT /sc:\work /td:\Program Files\Excel /m*.xls
DIRTKT /sc:\work /td:\Program Files\Excel /m*.xls /rq

About Box

This window contains system and copyright information.   Click the Ordering Info button for Ordering Information or the License Info button for License Information.
For customer support, contact 102372.2530@compuserve.com.

Ordering Information

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• Ordering by check: To order by check send this order form and a check for **$20** (+$3-$5 if you want a diskette mailed) to **Funduc   Software Inc., P.O. Box 530904 Livonia, MI 48153**.   Please allow 7-10 days for mail to reach you, then contact us by E-MAIL if you did not receive the program. To print this order form, click on Print Topic in the File pull-down menu or print the ORDER.TXT file. **Payments must be in US dollars drawn on a US bank or international postal money order in US dollars.**

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Please check one: __ E-MAIL(please include your address)
                         __ 3.5" Disk (please add $3 or $5 for S&H below)

Directory Toolkit for Windows 95/NT _____   copies at $20 each   _____
Michigan residents add 6% sales tax   _____
For snail mail delivery (3.5" disk) in the United States   _____
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How did you hear about Directory Toolkit for Windows 95?

_____

Comments:

License Information

merchantability or any other warranties whether expressed or implied.   In particular, there is no warranty for the string Replacing feature.

Good data processing procedure dictates that any program be thoroughly tested with non-critical data before relying on it.   The user must assume the entire risk of using the program.   Any liability of the seller will be limited exclusively to product replacement or refund of purchase price.

Select Path dialog box

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

Drive
Select the drive where the files you want to view 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.

No Help Available

No help is available for this area of the window.

No Help Available

No help is available for this message box.