WingDir v2.9
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WingDir - Directory Match Utility. Easily match and compare two directories, side by side, with file names aligned. Files can be Moved, Copied, Deleted, or Renamed from the Source Directory.

PCMagazine (July 94) - "The best Windows counterpart of DIRMATCH...".
Windows Magazine (March 95) - "Superior Shareware"

Shareware Note:

WingDir is Shareware. It has not been disabled in any way. If you find **WingDir** useful, please register it by sending $10.00 to:

>   Mark Taylor
>   Silverwing Systems
>   13040 Gopher Wood Trail
>   Tallahassee, FL 32312

Please use the registration form 'REGISTER.TXT'.

Please include $3.00 ($5.00 outside U.S.) for Shipping & Handling if a diskette is required**.** **WingDir** can also be registered through CompuServe's registration database (GO SWREG) with Registration ID #3830.

When **WingDir** is registered you will be sent confirmation by E-Mail or letter and provided instructions on how to remove the registration reminder.

If you want to register more than 1 copy please drop me a note at the above address or E-Mail me on CompuServe (70254,613), America Online (Taylor MH), or InterNet (alvin@freenet.tlh.fl.us) and we can work out a multiple copy arrangement.

Getting Started

1.   **WingDir** comes with nine (9) files:

WINGDIR.EXE	**WingDir** Program (required)
WINGLIB.DLL	Module for Obtaining Disk Free Space (required)
WINGDIR.HLP	**WingDir** Help File (optional)
WINGDIR.INI	**WingDir .INI** File with default options (optional)
WINGDIR.WRI	**WingDir** Documentation (optional)

FILE_ID.DIZ	Brief Description
HISTORY.TXT	Version History
README.TXT	How to get Started
REGISTER.TXT	Registration Form and Information

WINGDIR.EXE can be located in any directory.

WINGDIR.INI, if used, must be in the same directory as **WINGDIR.EXE**.

WINGDIR.HLP and **WINGLIB.DLL** should be in the same directory as **WINGDIR.EXE**, but the \WINDOWS directory, \WINDOWS\SYSTEM directory, or any directory on the Path will do fine.

2. **WingDir** is a Visual Basic v3.0 program and as such <u>requires Microsoft's Visual Basic Runtime Library "VBRUN300.DLL"</u>, which can be found in many CompuServe and America OnLine forums, as well as on many local BBS's.

3. The <u>Source</u> Directory is on the left side of the form and the <u>Target</u> Directory is on the right side of the form. Both the Source and Target Directories can be navigated by selecting their respective Drives and Directories using standard Drive and Directory dialog boxes.

The default for <u>Source</u> and <u>Target</u> is the directory where **WINGDIR.EXE** is located. The default can changed by specifying a 'Working Directory' in the File Item Dialog box when creating a Program Manager ICON for WingDir, using command line arguments (see Command Line Options, below), or by using the 'Source' and 'Target' options in the **WingDir** .INI file (see .INI Options, below).

4. The file lists for the **Source** and **Target** Directories are sorted and aligned by file name. <u>Hidden</u>, <u>System</u>, and <u>Read Only</u> files **are included** in the file lists. <u>Hidden Directories</u> are **not** included in the directory lists, but may be specified as Command Line Options or 'Source' and 'Target' options in the **WingDir** .INI file.

5. The **Auto** and **Manual** option buttons at the bottom of the form are used to control when **WingDir** reads the file names in each of the directories. When **Auto** is selected the directories are read each time the directory is changed. When **Manual** is selected the directories are read only when the **Refresh** Button or one of the **Filter** buttons is clicked. When **Manual** is selected the directories must be **REFRESHED** before any actions are allowed.

Setting the option to **Manual** speeds the navigation through directory structures. When the **Manual** option is selected and a directory is changed the **Refresh** Button is changed to *Italics* as an indication that the File List needs refreshing.

Auto is the default, but can be changed using the **Mode** option in the **WINGDIR** .INI file (see .INI Options, below).

6. The **separator** line between the **Source** and **Target** File Lists will be 1 of 5 characters based on whether the **Source** and **Target** files match.

| The files do not match. There is not a matching file with the same File **Name**.

=	The two files match. Both files have identical **Name**, **Size**, **Date**, and **Time**. (Source File = Target File)

>	The files have the same **Name**, but the Source File has a newer **Date/Time** Stamp than the Target File. (Source File > Target File)

<	The files have the same **Name**, but the Source File has an older **Date/Time** Stamp than the Target File. (Source File < Target File)

+	The files have the same **Name** and **Date/Time** Stamps, but the Sizes are different.

7.   **Action Buttons** - At the bottom of the form there are five **Action** buttons that, when clicked, will act on the highlighted files in the **Source Directory**. When the **Directory Read Mode** is set to **Manual** the directories must be **REFRESHED** before any actions are allowed.

MOVE	Clicking the "**Move**" Button or pressing **Alt-M** will <u>Move</u> the highlighted file from the **Source** Directory to the **Target** Directory. This action is **not** allowed when the **Source** and the **Target** Directories are the same. Like named files in the **Target** Directory will be overlaid.

COPY	Clicking the "**Copy**" Button or pressing **Alt-B** will <u>Copy</u> the highlighted file from the **Source** Directory to the **Target** Directory. This action is **not** allowed when the **Source** and the **Target** Directories are the same. Like named files in the **Target** Directory will be overlaid.

DELETE	Clicking the **"Delete"** Button or pressing **Alt-D** will <u>Delete</u> the highlighted file from the **Source** Directory.

PRINT	Clicking the **"Print"** Button or pressing **Alt-P** will <u>Print</u> the entire **Source** and **Target** directory list in much the same manner as it is displayed.

RENAME	Clicking the **"Rename"** Button or pressing **Alt-N** will display a dialog box prompting for a new file name. The highlighted file will be <u>Renamed</u> in current **Source** Directory.

8.   **Filter Buttons** - Also at the bottom of the form there are six **Filter** buttons that will filter the directory lists.

ALL	Clicking the **'All'** Button or pressing **Alt-A** will change the display to show <u>All</u> files in the **Source** and **Target** Directories. When <u>All</u> files are being displayed the **'All'** Button will be disabled to indicated which filter is active. This is the Default setting when **WingDir** is started.

SAME   Clicking the **'Same'** Button or pressing **Alt-S** will change the display to show only the **Source** and **Target** files that have the <u>Same</u> Filename regardless of Date, Time, and Size. When the <u>Same</u> files are being displayed the **'Same'** Button will be disabled to indicated which filter is active.

DIFFERENT Clicking the **"Different"** Button or pressing **Alt-F** will change the display to show only the **Source** and **Target** files that are the <u>Different</u> (those without identical Filename, Date, Time and Size). Files that have different Filenames **'|'** or the same Filename, but different Date, Time **'<, >'**, or Size **'+'** will be included in the display. When <u>Different</u> files are being displayed the **"Different"** Button will be disabled to indicated which filter is active.

=   Clicking the **'='** Button will change the display to show only the **Source** and **Target** files that have the <u>Identical</u> Filename, Date, Time, and Size. When the <u>Identical</u> files are being displayed the **"="** Button will be disabled to indicated which filter is active.

| Clicking the **'|'** Button will change the display to show only the **Source** and **Target** files that are <u>Unique</u>. Files with the same Filename <u>will not</u> be displayed. When <u>Unique</u> files are being displayed the **'|'** Button will be disabled to indicated which filter is active.

<   Clicking the **'<'** Button will change the display to show only **Source** and **Target** files that are have the same Filename, but the **Source** File has an <u>older</u> **Date/Time** Stamp than the **Target** File. The **'<'** Button will be disabled to indicated which filter is active.

+   Clicking the **'+'** Button will change the display to show only **Source** and **Target** files that are have the same Filename and Date/Time Stamp, but the File **Size** is different. The **'+'** Button will be disabled to indicated which filter is active.

>   Clicking the **'>'** Button will change the display to show only **Source** and **Target** files that are have the same Filename, but the **Source** File has a <u>newer</u> **Date/Time** Stamp than the **Target** File. The **'>'** Button will be disabled to indicated which filter is active.

.   Clicking the **File Mask** Button **(*.*)** will prompt the user to enter a standard DOS File Mask which will restrict the list to showing only the **Source** and **Target** files that match the File Mask, such as "*.DOC". The **File Mask** Button displays the current **File Mask**.

9.   <u>**Additional Buttons**</u> - Three additional buttons are at the bottom of the form.

SWAP	Clicking the **"S<u>w</u>ap"** Button or pressing **Alt-W** will <u>Swap</u> the **Source** and **Target** Directories.
REFRESH	Clicking the **"<u>R</u>efresh"** Button or pressing **Alt-R** will <u>Refresh</u> the **Source** and **Target** Directories. Both the **Source** and **Target** Directories are reread and the matching list is rebuilt. If the **Directory Read Mode** is set to **Manual** the **"<u>R</u>efresh"** Button will be displayed in *Italics* when the directories need to be **REFRESHED**.
EXIT	Clicking the **"E<u>x</u>it"** Button or pressing **Alt-X** will <u>Exit</u> the **WingDir** program.

10.   <u>.INI Options</u>

Confirm	Confirmation option for Add, Delete, Copy, Move, Rename and Print Actions.

Confirm=N	No confirmation (default)
Confirm=Y	Confirm all actions

Source	Startup 'Source' directory. This option can be overridden using the <u>Source</u> Command Line Option. The <u>Default</u> directory is where **WINGDIR.EXE** is located. The 'Working Directory' specified when creating a Program Manager Icon for **WingDir** will override the **WINGDIR.EXE** directory.

Source=	Example: <u>Source=A:\</u>

Target	Startup 'Target' directory. This option can be overridden using the <u>Target</u> Command Line Option. The <u>Default</u> directory is the same as the 'Source' Directory.

Target=	Example: <u>Target=C:\WINDOWS</u>

Mode	Directory read option to control whether directory files are read **Automatically** or **Manually** when directories are changed.

Mode=A	File names are read **Automatically** when directories are changed. (default)
Mode=M	File names must be read **Manually** using the **Refresh** Button when directories are changed.

11.   <u>Command Line Options</u>

WingDir will accept two Command Line Options - Startup 'Source' Directory and Startup 'Target' Directory: **<u>wingdir.exe</u>** <u>(source directory) (target directory)</u>

Example: **<u>c:\util\wingdir.exe a:\ c:\windows</u>**

The options are positional - 'Source' is the first option and 'Target' is the second option. If only one directory is specified on the command line it will be the Initial 'Source' Directory. It will also be used for the 'Target' Directory unless the **'Target'** option is specified in the **WINGDIR.INI** File.

12.   Online **Help** is available in **WingDir** by pressing the **'F1'** Function Key. The content of the **WINGDIR.HLP** File is a subset of this **WINGDIR.WRI** File

13.   The **Multiple File Select** feature works like the standard multiple file select in Windows File Manager. Hold the CTRL key while clicking on multiple files. Clicking on one file and then holding the SHIFT key while clicking a second file will select all the files between the two files, inclusively. Holding the CTRL key and pressing the forward slash key **'/'** will select all files.

14.   **WingDir** has a limitation of 750 files per directory. When the limit is reach a warning message is displayed and only the first 750 files are displayed. All the files are read <u>before</u> they are sorted. If the 750 file limit is reached it is very likely that the 750 files that are displayed will not be the first 750 files in the directory if the directory was already sorted.

Visual Basic also has a physical size limitation of 64K bytes for a List Box. For **WingDir** this means that the total number of file list lines is limited to about 870 lines. If the total number of lines in the list box exceeds the memory limit an **"Out of Memory"** error message will be displayed.

The **File Mask** Button can be used to limit the number of files that are being displayed which can help **WingDir** accommodate large directories.

15.   **WingDir** was developed using the <u>Courier</u> Fixed Space Font (COURE.FON) so that the columns of information would stay aligned. Not using the <u>Courier</u> Font may result in all the directory information being squished to the left and not aligned.