

Welcome to PMdiff for Windows 95 and NT 4.0

PMdiff displays the differences between files and folders in a graphical manner. File comparison windows display two files side by side, highlighting the differences between them with connecting lines.

PMdiff helps you merge different versions of a file. Simply select the changes that you want to keep in the final merged version. For more advanced merging, you can open an editing window that contains the merged file. You can then edit the file before saving it.


PMdiff can also compare folder (directory) trees and the files within them. Using this and the other features in PMdiff, you can compare and/or merge large numbers of files with ease.

PMdiff is ideally suited to team working where more than one person is working on a set of files, as well as many other situations. Use PMdiff to assist in software development or in managing different versions of World Wide Web HTML files.

Finally, remember that on-line help is available for all the windows, dialogs, menus, and toolbars within PMdiff. For windows and dialogs, ensure that the window or dialog has keyboard focus, and then press the **F1** key. For menus, highlight the menu command you want help for, and then press **F1**. For toolbar buttons, click down on the button, and then press **F1** before releasing the mouse button. Help is also available via the commands in the **Help** menu in the PMdiff application window.

Related Topics:

 [Comparing Files](#)


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Opens a window which you can use to compare folder hierarchies.

Opens a window which you can use to compare files.

Displays a window which you can use to set PMdiff options.

Closes all open file comparison and editing windows.

Opens a file browsing window that you can use to locate a file to compare with the file in the first file panel.

Refreshes the contents of the active window.

Swaps the contents of the first and second file panels.

Opens a file browsing window that you can use to locate a file to compare with the file in the second file panel.

Closes the active window.

Selects all removed and changed lines in the first file.

Deselects all selected lines in the first file.

Creates a merged file consisting of all the selected lines from the first and second files, and then displays a save file window which you can use to save the merged file. The ticks at the top-right of each set of lines in the file panels indicate which lines will be used to create the merged file.

Selects all inserted and changed lines in the second file.

Deselects all the selected lines in the second file.

Creates a merged file consisting of all the selected lines from the first and second files, and then displays a save file window which you can use to save the merged file. The ticks at the top-right of each set of lines in the file panels indicate which lines will be used to create the merged file.

Turns the line selection boxes and file merging features on and off.


Displays a window which you can use to set PMdiff options.


The OLE2 libraries could not be initialized. You may be running low on resources, or your Windows installation may have become damaged in some way.

Comparing Files

The file comparison window is opened by selecting the **Compare Files...**  command from the **File** menu in the PMdiff application window, or indirectly by a folder comparison window.

The comparison window is used to compare two files and to display the differences between them. You can choose the two files to compare in several different ways.


- Type a filename into one or both of the filename fields at the top of the file comparison window.
- Select previously compared files from the filename field dropdown lists
- Use the file browsing buttons at the right-hand side of each filename field
- Right-click on either of the two file panels, and select the **Open**  command from the popup menu.
- Drag and drop files from Windows Explorer or other applications onto the filename fields or either of the file panels.


When you have selected the files you want to compare, press **Enter**, or click the **Refresh**  button to begin comparing the two files.

If you drop one or more files from Windows Explorer onto the PMdiff application window, then a file comparison window will be opened to compare the dropped files. You can also drop folders onto the application window, in which case a folder comparison window will be opened to compare the dropped folders.

Connected lines drawn between the files highlight the differences between the two files. The two files are automatically linked together so that their visible centers are as similar as possible. You can alter how the linking works by changing the options in the **Linking Options** property page.

You can use the scrollbars to scroll forwards and backwards within the two files. There are also four small buttons at the bottom outer edges of the window that can be used to skip the cursor forwards or backwards to the next or previous change in each file.

You can also use the keyboard to move around within the files. Click within the file panel you want to move about in to give it keyboard focus, and then use the cursor keys to move around. Use **Ctrl + Page Up** to move to the previous change, and **Ctrl + Page Down** to move to the next change. You can select text from the files and copy it to the clipboard by pressing **Ctrl + C**, or by clicking on the **Copy**  button in the toolbar. Use the **Spacebar** to toggle line selection check-boxes on and off.


The number of file comparison windows that you can have open at any one time is only limited by the number of free resources in your computer. You can create multiple views onto the same file comparison window by selecting the **New Window**  command from the **Window** menu.

Clicking the right mouse button on either of the two file panels will display a shortcut menu. This menu enables you to carry out common operations on the two files in a convenient way.

Related Topics:

 [Comparing Folders](#)


 [Options](#)

 [Merging Files](#)


This shortcut menu contains commands for commonly used operations.

This window contains copyright and version information for PMdiff.

Comparing Folders

Selecting the **Compare Folders...**  command from the **File** menu in the PMdiff application window opens a folder comparison window.

To compare two folder structures, type the two paths into the entry fields at the bottom of the window. You can also use the browse buttons and the drop-down lists to select folder names, or drag and drop folders from Windows Explorer onto the directory fields. Click the **Refresh** button to compare the two folder structures and fill the list with the results of the comparison.

The window will display an hourglass cursor while it compares the two folder structures. PMdiff is multithreaded in all the right places: while the comparison is in progress, you can still use the other facilities in PMdiff, such as file comparison windows and on-line help. You do not need to wait for a comparison to finish before comparing other folders. Just enter the new folder names into the folder fields, and click the **Refresh**  button on the toolbar.

Each file is displayed next to an icon that indicates the state of the file.



The file is unchanged between the two folders



The file only appears in the first folder




The file only appears in the second folder




The file has been changed between the two folders

A red dot in the top-left corner of the icon is used to indicate which of the two (left and right) files is more recent.

By default, PMdiff performs a full file comparison between files to check whether they have been modified between the two folder hierarchies. This can be time-consuming for large folder hierarchies. You can speed up folder comparisons at the expense of some accuracy by deselecting the **Perform a thorough (rather than quick) comparison** option in the **Folder Comparison** property page. When this option is disabled, PMdiff will check the file timestamps and sizes to decide whether a file has changed.

When the list has been filled with files, you can highlight the files you wish to compare. The list supports multiple selection so you can highlight a number of files before comparing them. You can also click the **Select Changed** button to highlight all the changed  files.

When you have highlighted some files, click the **Compare Selected** button. One file comparison window will be opened for each pair of files you have highlighted. These file comparison windows are normal file comparison windows and work in the usual way. Folders highlighted within the list are ignored. The highlighting is removed from files for which file comparison windows have been opened.

You can alter the way file comparison windows are opened by changing the settings on the **Folder Comparison** options page. Access this page by selecting the **Options...**  command from the **View** menu, and then clicking on the **Folder Comparison** tab.

In particular, it is possible to apply file filters to the folder comparison. You can use this option to make PMdiff ignore files and folders that match a particular pattern, or include only those files that match a pattern.

Related Topics:



[Comparing Files](#)



[Options](#)



[Merging Files](#)

The Styles Options Page

Styles

The buttons in this group enable you to change the font and color for each type of line that can be displayed in file comparison windows.

Unchanged lines are lines that are the same in the first and second files. Changes lines are lines that have changed between the first and second files. Removed lines are those that only appear in the first file. Inserted lines only appear in the second file.


Click one of the buttons to display a standard font dialog that you can use to pick a font and color.

Colors

Overview strips are the two vertical strips drawn in file comparison windows on the outer edges of the file panels. Click this button to display a color dialog from which you can pick the color to use for these strips.

Linking lines are the lines drawn in the center of file comparison windows, and which also extend out over the file panels.

Related Topics:

 [Options](#)

The Linking Options Page

Vertical linking

When this option is checked, PMdiff will ensure that the two files are always aligned so that the lines at the center of the two panels match as closely as possible. Scrolling one file up and down will cause the other file to move as well.

Horizontal linking

When this option is checked, PMdiff will match the horizontal scroll positions of the two files. As one file is scrolled from side to side the other will be scrolled as well.

Delayed linking

When this option and **Vertical Linking** are both checked, and a file is scrolled up and down with the scroll bar's thumb, PMdiff will not update the vertical position of the other file until the thumb is released. This may be useful on computers with slow graphics cards.

Extend linking lines across documents

When this option is checked, the lines drawn within the central lines panel are extended across the two file panels. This makes it easier to see which lines are part of each change block. If your computer has a slow graphics adapter, you can try turning this option off to see if it improves scrolling speed.


Show center line marker

When this option is checked, a horizontal line is drawn halfway down the central lines panel. It is at this vertical position that the two files are linked together.

Show linking overview strips

When this option is checked, PMdiff will insert change overview strips on the inner edge of each vertical scrollbar in the file comparison window. Each overview strip represents the entire file, and the marks within it indicate the relative positions of changes within the file. The markings next to the scroll bar's thumb show changes that are currently visible.

Related Topics:

 [Options](#)

The Miscellaneous Options Page

Maximize PMdiff on start-up

Check this option to make PMdiff cover the whole screen when started.

Open an empty file comparison window on start-up

Check this option to have PMdiff open an empty file comparison window when the PMdiff application window first opens.

Open an empty folder comparison window on start-up

Check this option to have PMdiff open an empty folder comparison window when the PMdiff application window first opens.

Confirm PMdiff close when file comparison windows are open


Check to make PMdiff display an exit confirmation message box when PMdiff is closed and there are still some file comparison windows open.

If you are working with maximized file comparison and editing windows, it is sometimes possible to accidentally click on the application close button instead of the comparison window close button. If this option is checked, then you'll be given a chance to cancel the operation before PMdiff disappears.

Maximize file comparison windows when they open

Check to make file comparison windows automatically maximize themselves when they open. If you normally work with maximized file comparison window, then this option will save you having to manually maximize them when they open.

Related Topics:

 [Options](#)

The Lines Options Page

Hide trailing CR and LF characters

When this option is checked, PMdiff will strip the trailing Carriage Return and/or Line Feed characters from the end of each line. This is purely a visual option, and does not affect the line endings used when files are saved.

Show line numbers

When this option is checked, PMdiff will display the line numbers at the left of each file-viewing panel.

Expand tabs to # spaces

Check this option and fill in the entry field if you want PMdiff to expand tab characters to spaces within compared files.

Don't ignore whitespace

Select this option to make PMdiff treat whitespace (space and tab characters) as being significant when comparing lines.

Ignore whitespace at start of lines

Select this option to ignore whitespace at the beginning of each line.

Ignore all whitespace

Select this option to ignore all whitespace within lines.

If you are comparing two files, one with Windows style line endings (CR LF) and the other with UNIX style line endings (LF), then select the **Ignore all whitespace** option to ignore the line-ending type when comparing the files.

Ignore case of characters in lines

Select this open to make PMdiff ignore the case of characters within lines.

Related Topics:

 [Options](#)

The Folder Comparison Options Page

This page contains a large number of options that you can use to customize the way PMdiff compares folders and opens file comparison windows from folder comparison windows.

Minimize window after opening file comparison views

When this option is checked, folder comparison windows will automatically minimize themselves after opening file comparison windows. If the number of open file comparison windows is limited (see below), then the window will not minimize itself until it has been able to open all the file comparison windows.

Perform a thorough (rather than quick) comparison

By default, PMdiff performs a full file comparison between files to check whether they have been modified between the two folder hierarchies. This can be time-consuming for large folder hierarchies. You can speed up folder comparisons at the expense of some accuracy by unchecking this option. When this option is disabled, PMdiff will check the file timestamps and sizes to decide whether a file has changed.

Recurse into sub-folders

If this option is checked, then the folder comparison window will compare files by recursively descending through the sub-folders within the two comparison folders. If the option is unchecked, then only the files at the top-level of the comparison folders will be displayed.

Show unchanged files

Check this option to include files in the list even if they haven't changed between the two folders.

Show inserted and removed files

Check this option to include inserted and removed files in the list.

Ignore files that match X

Fill in, or edit the entry field to filter out files that match a particular pattern. Files that match will not be included in the list of files. Use a semicolon or comma to separate patterns in the list. You can also enter folder names into this entry field, but be sure to add a \ trailing character to distinguish folders patterns from file patterns.

Include only files that match X

This option complements the previous option. You can specify a filter so that only files and folders matched by the filter will be included in the folder comparison results list.


Close if files were identical

If there turn out not to be any differences between two files in one of the newly opened file comparison windows, then the window will automatically close itself. This option can be useful if you have disabled the **Perform a thorough (rather than quick) comparison** option (above).

Close if either file could not be found

When this option is checked, the file comparison windows will automatically close themselves if an error occurs during comparison, or either of the two files being compared is not found. This is unlikely to happen, but will prevent pointless windows from remaining open if it does.

Limit the number of open views to x

There's nothing more annoying than clicking the **Compare Selected**  button and having several hundred file comparison windows all open up at once. By checking this option, and filling in the limit entry field you can restrict the number of file comparison windows that the comparison window will open. This option also helps under Windows 95 where system resources are somewhat limited.


Once you've examined and closed some of the opened comparison windows that were opened, you can click the **Compare Selected** button again and some more file comparison windows (up to the limit) will be opened. If you have the **Minimize window after opening file comparison views** option checked, then the window will minimize itself when there are no more files to compare.


Related Topics:

 [Options](#)

Use this window to select a color by clicking on a color box, and then clicking on the **OK** button.

Just a little logo window.

Enter the name of the first folder to compare into this field. You can also select a folder name from the drop-down list, or click the **Browse**  button to open a folder browsing window.

Enter the name of the second folder to compare into this field. You can also select a folder name from the drop-down list, or click the **Browse**  button to open a folder browsing window.

Click to change the color of the lines used to indicate changes between the two files.

Toggles delayed linking on or off. When linking is delayed and a file is scrolled with a scrollbar, the other file will only snap into position when you stop scrolling.

Sets the number of spaces represented by each tab stop.

Select if you want all whitespace to be considered significant when comparing files.

Select if you want to ignore leading whitespace on each line when comparing files.

Select if you want to ignore all whitespace when comparing files. Use this option when comparing files that have different line-endings.

Select to have the file comparison windows automatically close if either of the two compared files being compared could not be found or opened.

Check to have the file comparison windows automatically close if the two compared files are identical.

Limits the number of views that the folder comparison facility will open at any one time. This can be used to limit resource utilization under Windows 95.

Limits the number of views that the folder comparison facility will open at any one time. This can be used to limit resource utilization under Windows 95.

To extend lines across the file panels, select this option. When enabled, it is easier to see the relationships between blocks of changed lines.

Turns the center line marker on or off. The center marker provides a useful point of reference because it is at the marked point that the files are linked together.

Hides the Carriage Return and Line Feed characters at the end of each line.

Displays line numbers at the start of each line.

Links the two files so that when one is scrolled vertically the other scrolls too.

Links the two files so that when one is scrolled horizontally the other scrolls too.

Expands all tab characters into the appropriate number of spaces when the files are displayed.

Expands all tab characters into the appropriate number of spaces when the files are displayed.

Check to have PMdiff cover the whole screen when it starts.

Check if you want folder comparison windows to minimize automatically when they have compared all selected files.

Check to show a linking overview strip next to each file. These strips provide a simple overview of the changes within each file.

Click to change the color used to display changes in the overview strips.

Click to change the font and color used to indicate unchanged lines.

Click to change the font and color used to indicate changed lines.

Click to change the font and color used to indicate inserted lines.

Click to change the font and color used to indicate removed lines.

Check to enable the file merging commands and features.

Check to have PMdiff perform a thorough comparison to determine whether files have been changed between folders. When enabled, PMdiff takes longer to fill the file list and is completely accurate. When disabled, PMdiff makes an educated guess as to whether files are identical.

Select to have PMdiff recursively descend through sub-folders while comparing the two folder structures. When disabled, PMdiff will only look for files in the two named folders themselves.

Use this control to increase or decrease the limit on the number of open file comparison windows that will be opened at any one time by folder comparison windows.

Use this control to increase or decrease the number of spaces represented by each tab stop.

That's just a menu item separator!

Closes the active window.

Opens a new window onto the two files displayed in the file comparison window.

Arranges minimized windows neatly along the bottom edge of the PMdiff application window.

Cascades all open windows from the top-left towards the bottom-right.

Tiles all open windows so that all are visible and none overlap.

Tiles all open windows so that all are visible and none overlap.

Opens a window containing version and copyright information for PMdiff.

Closes PMdiff.

Displays the PMdiff on-line help index page.

Displays PMdiff on-line help topics.

Displays an on-line help window that explains how to use the on-line help system.

Activates the context-sensitive on-line help system.

Displays on-line help for the active window or control.

Displays on-line help for PMdiff.

Activates the next pane within the active window.

Activates the previous pane within the active window.

Toggles the PMdiff toolbar on and off.

Toggles the PMdiff status bar on and off.

Saves the changes you have made in this window and applies them to PMdiff without closing the window.

Opens the named window.

Opens the named window.


Click to close this window and save any changes you have made.

Click to close this window and discard any changes you have made.

Click to apply changes that you have made to this window without closing it.

Merging Files

PMdiff [file comparison windows](#) enable you to merge together two files by selecting the lines you want saved from each file.

To merge two files in a file comparison window, ensure that the **Enable Merging**  command is checked in the popup menu you get by right-clicking on one of the files.


Unchanged, changed, inserted, and removed lines are automatically grouped together into change blocks. Each change block is assigned a check-box. This check-box appears at the top-right of each change block. By default, all the check-boxes for the first file are checked, and all the check-boxes for the second file are unchecked.


PMdiff creates a merged file by simply collecting all the change blocks that have been selected by a check in their check-box. Change blocks that are not checked will not be included in the merged file. By checking and unchecking change blocks, you can add and remove lines from the merged file.

You can check and uncheck change blocks in the following ways:

- Position the cursor within a change block, and press the Spacebar. This will cause the check-box for the current change block to be toggled on and off.
- Click on change-block's check-box with the mouse. This will cause the check-box to be toggled on and off.

Usually, when a check-box is toggled on or off, the check-box for the corresponding change block (for blocks of unchanged or changed lines) in the other file will also be toggled on and off. You can prevent the other file's check-box from being toggled by holding down the Shift key when you toggle a check-box. If you check a change block and its corresponding change-block in the other file, then the merged file will contain the change-block from the first file followed by the change-block from the second file.

You can preview or edit the merged file at any time. Select the **Edit Merged File**  button on the toolbar, and an [editing window](#) will open. This window will display the merged file. Lines from the first and second file are color coded so you can tell which file each line came from.

You can save the merged file from the editing window, or from the file comparison window. Select a **Save**  command from the **File** menu, or right-click on a file and select a **Save** command from the popup menu.

Related Topics:

 [Comparing Files](#)

 [Options](#)

 [Comparing Folders](#)

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Araxis reserves the right to change them without notice. Check the PMdiff home page (<http://www.araxis.com/html/pmdiff.html>) for the latest information.

Product	Unit Price	Number of Units	
PMdiff 4.6 for Win32 (single)\$79.00	x _____	= + \$ _____
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 Total:			\$ _____

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Related Topics:

 [Warranty](#)

Contacting Us

Do you like PMdiff? Loathe it? Whatever you think, tell us!

Your opinions matter! We want to produce the best applications available: we can only do that with your help. Maybe you have a suggestion for improving PMdiff? Perhaps you think you've found a fault?

You can e-mail your comments and questions to us at the following email addresses:

bugs@araxis.com

Use this address to report bugs in Araxis products. Please include the product name and version somewhere in the Subject line.

Please try to include sufficient information for us to reproduce the problem – screenshots are usually very helpful.

suggestions@araxis.com

Use this address if you want to send us suggestions for things to include, remove, or change in our products.

sales@araxis.com

Use this address for sales and licensing related inquiries.

support@araxis.com

Use this address for everything else!

You can find our Web site at <http://www.araxis.com/>


Warranty

Your attention is drawn to sections 4, 5 and 6 of the PMdiff license agreement (see Related Topics below).

Related Topics:


 [License Agreement](#)

Options

You can set PMdiff options by selecting **Options...** from the **View** menu, or by clicking the **Options**  button on the toolbar.


Related Topics:

 [Styles Options](#)

 [Merging Options](#)

 [Lines Options](#)

 [Folder Comparison](#)

 [Linking Options](#)

 [Miscellaneous](#)

Displays a preview of what will be sent to the printer when you print the active document.

Click to open a file comparison window for each pair of selected files in the list.

Displays a window containing PMdiff on-line help topics.

Check this option to include unchanged files in the folder comparison list.

Check this option to include inserted and removed files in the folder comparison list.

Check this option to filter out files and/or folders that match the patterns in the adjacent entry field.

Copyright and version information for PMdiff.

Click this button to browse for a folder to compare.

This list contains the results of the folder comparison operation.

Click this button to browse for a folder to compare.

Enter the patterns that match the types of file that should be ignored when comparing folders. For example, enter ***.obj** to ignore all files ending in **.obj**. Use the **;** or **,** characters to separate multiple patterns. Use a trailing **** character to distinguish folders from files. You can also enter non-wildcard names of files or folders that you would like to be ignored.

Click to close the window.

This is the main PMdiff toolbar.

Check to ignore the case of characters when comparing lines.

Check to make PMdiff open an empty file comparison window when PMdiff first starts.

Check to make PMdiff display an exit confirmation message box when PMdiff is closed and there are still some file comparison windows open.

To close PMdiff, select **Yes**. Otherwise, select **No**.

You can disable this message prompt by changing the appropriate option in the Miscellaneous options page.

Neither of the two folders that were entered in the folder comparison window could be found. Check the contents of the two edit fields.

The specified folder could not be located.

Command Line Options

```
PMdiff [</RegServer>] [</Automation>] [</Embedding>] [</NoSplash>] [</NoSplashDelay>] [<file1  
[file2]> | <folder1 [folder2]>>
```

Option	Description
RegServer	Forces PMdiff to re-register all its automation capabilities
Automation	Used when PMdiff is started an automation server
Embedding	Used when PMdiff is started an automation server
NoSplash	Don't show the splash window
NoSplashDelay	Disables the two second delay while the splash window is displayed during PMdiff start-up.
file folder	An optional file or folder name. The file comparison window is opened for files, and the folder comparison window is opened for folders.

Automation Reference

There are three automation objects provided by PMdiff. You can create instances of these objects from within most automation clients. These include tools like Visual Basic, Visual C++, Visual J++, Microsoft Office, and Borland Delphi.

PMdiff.Application

PMdiff.Application represents the PMdiff application. You can use this object to position the main application window, open file comparison windows, and to locate or activate a file comparison window.

PMdiff.FileComparison

PMdiff.FileComparison is used to represent two compared files. Only PMdiff.FileComparison objects obtained by a call to PMdiff.Application.CreateVisualFileComparison() will have user interfaces (windows). PMdiff.FileComparison objects created by other means will not, but the objects can still compare files, and report the results of comparisons via object properties and methods. Use this latter approach when it is not necessary to present a view of the two compared files to a user.

PMdiff.FolderComparison

PMdiff.FolderComparison is used to represent two compared folders. A PMdiff.FolderComparison object can only be obtained by a call to PMdiff.Application's CreateFolderComparison method.

PMdiff.Options

PMdiff.Options is used to read or modify the preferences used by PMdiff. Use this object to obtain the user preferences for tab expansion, whitespace ignoring when comparing files.

PMdiff.Options2

PMdiff.Options2 provides access to PMdiff preferences that are new to release 4.6.

Object methods and properties

PMdiff.Application	Type	Name	Description
Properties	boolean	Visible	Determines whether the application window is visible or not.
	IDispatch*	ActiveDocument	Identifies the active document.
	long	Left	The left edge of the

	long	Top	application window, relative to the screen.
	long	Width	The top edge of the application window, relative to the screen.
	long	Height	The width of the application window.
Methods	boolean	Close()	The height of the application window.
	IDispatch*	CreateVisualFileComparison()	Closes the PMdiff application.
	IDispatch*	CreateFolderComparison()	Creates a PMdiff.FileComparison visual file comparison object. This object can be used to display compared files.
	Void	Activate()	Creates a PMdiff.FolderComparison visual folder comparison object. This object can be used to compare and display folder hierarchies.
	void	Minimize()	Ensures that the PMdiff application window is open and visible on the screen.
	void	Maximize()	Minimizes the PMdiff application window.
	void	GiveUserControl()	Maximizes the PMdiff application window.
	void	Restore()	Gives control of PMdiff to the user. The application will not close when the automation client has freed all acquired objects.
			Restores the application window to its normal position and size.
Pmdiff.FileComparison	<i>Type</i>	<i>Name</i>	<i>Description</i>
Properties	boolean	Visible	Determines whether the file comparison window is visible or not.
Methods	long	CompareFiles(BSTR lpstrFirstFile, BSTR lpstrSecondFile, long IExpandTabs, long IIgnWhitespace, long IIgnCase)	Compares two files. Set IExpandTabs to -1 to disable tab expansion or if you don't want tab characters converted to spaces before the files are compared. PMdiff automatically expands tab characters to spaces when compared files are displayed. Set IIgnWhitespace to 0, 1, or 2 to use, ignore all, or

		ignore leading whitespace in lines. Set IgnCase to 0 or 1 to do a case-sensitive or case-insensitive comparison. Returns an error code, which is 0 for no-error. See below.
long	CompareFiles2(BSTR lpstrFirstFile, BSTR lpstrSecondFile)	Compares two files. The behaviour is identical to CompareFiles , except that the tab expansion, whitespace, and case options are taken from the PMdiff user preferences.
BSTR	GetLineData(long IFile, long ILine)	Gets the data contained within a line. This will include line-ending characters. IFile is 0 or 1 for the first or second file. ILine is a 0-based line number.
long	GetChangeStartLine(long IFile, long IChangeNumber)	Gets the line number at which a particular change block begins.
long	GetChangeLength(long IFile, long IChangeNumber)	Gets the number of lines within a change block.
long	GetLineState(long IFile, long ILine)	Gets the state of a line. This can be 0, 1, 2, or 3 for unchanged, changed, inserted, or removed.
long	GetLineLength(long IFile, long ILine)	Gets the length of a line. This will include line-ending characters.
long	GetNumberOfChanges()	Gets the number of changes (change-blocks) between the two files.
long	GetNumberOfLines(long IFile)	Gets the number of lines in a file.
long	GetComparisonResult()	Gets the comparison operation result. This is 0 or 1 for same or different.
long	GetComparisonError()	Gets the comparison error result. This is 0 for no-error. See below.
IDispatch*	GetApplication()	Gets the PMdiff.Application object representing the PMdiff application.
void	Close()	Closes the file comparison object.
void	SetPanelTitles(BSTR lpstrFirstTitle, BSTR lpstrSecondTitle)	Provides file titles for the file comparison window to use in place of the two filename drop-down lists. The file titles are intended to be human-readable

descriptions for the compared files. They do **not** have to be filenames. All visual occurrences of the compared filenames are replaced by these two file titles.

void	GiveUserControl()	Gives control of PMdiff and the file comparison object to the user. Neither the file comparison object nor the PMdiff application will close when the automation client releases them.
void	Minimize()	Minimizes the file comparison window.
void	Maximize()	Maximizes the file comparison window.
void	Restore()	Restores the window to its normal position and size.

Errors returned by CompareFiles and GetComparisonError:

<i>Value</i>	<i>Name</i>	<i>Meaning</i>
0	NoError	Not an error – success.
1	OutOfMemory	Not enough memory to process the request.
2	File1NotFound	Couldn't find the first file.
3	File2NotFound	Couldn't find the second file.
4	CantReadFile1	Couldn't read the first file.
5	CantReadFile2	Couldn't read the second file.
6	CantGetFile1Info	Couldn't get the size of the first file.
7	CantGetFile2Info	Couldn't get the size of the second file.
8	InvalidSetup	Attempted to query results before performing a comparison.
9	AlreadyDiffed	Should never occur.
10	ChangeTableError	Problems were encountered while building the change tables. Probably due to insufficient memory.
11	NeitherFileFound	Neither file could be located.
12	InternalError	If you get this, then let us know!

Pmdiff.FolderComparison	<i>Type</i>	<i>Name</i>	<i>Description</i>
Properties	bool	Visible	Determines whether the folder comparison window is visible or not.
	bool	Busy	Determines whether a folder comparison operation is in progress. After starting a folder comparison operation, you can poll this property to see whether the operation has completed.
	BSTR	FileEntryName(long lIndex, short sSide)	The name of the file or folder item on the left (sSide == 0) or right (sSide == 1) at index lIndex.
	short	FileEntryType(long lIndex,	The name of the file or folder item on the left

		short sSide)	(sSide == 0) or right (sSide == 1) at index IIndex. See below for a list of entry type values.
	long	ItemsSelected	The number of items selected in the list.
	BSTR	FolderName(short sSide)	The name of the folder on the left (sSide == 0) or right (sSide == 1).
	BOOL	Selected(long IIndex)	The selected state of the item at index IIndex .
Methods	void	Close()	Closes the folder comparison window.
	void	CompareFolders(BSTR strFirstFolder, BSTR strSecondFolder)	Compares the two named folders.
	short	ComparisonError	Returns the type of error, if any, that occurred during a folder comparison operation. This property is valid once the comparison operation has completed (Busy is FALSE).
	void	Refresh()	Refreshes the contents of the folder comparison view.
	IDispatch*	GetApplication()	Gets the PMdiff.Application object representing the PMdiff application.
	void	GiveUserControl()	Gives control of PMdiff and the folder comparison object to the user. Neither the folder comparison window nor the PMdiff application will close when the automation client releases them.
	void	Maximize()	Maximizes the folder comparison window.
	void	Minimize()	Minimizes the folder comparison window.
	void	Restore()	Restores the window to its normal position and size.
	void	SetPanelTitles()	Provides titles for the folder comparison window to use in place of the two folder name drop-down lists. The folder titles are intended to be human-readable descriptions for the compared folders. They do not have to be folder names.
	long	SelectChangedFiles()	Selects the files in the list that have been modified.

			Returns the number of list rows that were selected.
long	SelectAllFiles()	Selects the entire contents of the list. Returns the number of list rows that were selected.	
long	CompareSelectedFiles()	Opens a file comparison window for each pair of selected files in the list. Returns the number of comparison windows that were opened.	
void	DeselectAllFiles()	Deselects all the entries in the list.	
long	NumberOfEntries()	The number of entries in the list.	
void	RetestSelected()	Retests the selected files to see whether their (changed/unchanged) states need modification.	
void	Stop()	Stops any outstanding comparison operations.	

File Entry Types for FileEntryType:

<i>Value</i>	<i>Name</i>	<i>Meaning</i>
0	IdClosedFolder	An expanded folder
1	IdOpenFolder	An expanded folder
2	IdFile	An unchanged file
3	IdDifferentFile	A changed file
4	IdNewFile	An inserted file (on the right)
5	IdDeletedFile	A deleted file (on the left)
6	IdNewerFile	The most recent version of a changed file.

PMdiff.Options	<i>Type</i>	<i>Name</i>	<i>Description</i>
Properties	BSTR	UnchangedFont	The font used to represent unchanged lines in the file comparison window. This is either a text representation of the Win32 LOGFONT structure, or a simple font style (eg. "8.Times New Roman (Bold)(Italic)")
	BSTR	ChangedFont	The font used to represent changed lines in the file comparison window.
	BSTR	InsertedFont	The font used to represent inserted lines in the file comparison window.
	BSTR	RemovedFont	The font used to represent removed lines in the file comparison window.
	BSTR	EditFieldFont	The font used for the filename edit fields.

BSTR	FileListFont	The font used for the folder comparison window's file list.
BSTR	FileFilter	A list of semicolon or comma separated patterns for files to filter out when comparing folders.
OLE_COLOR	UnchangedFgnd	The color used for unchanged lines in the file comparison window.
OLE_COLOR	ChangedFgnd	The color used for changed lines in the file comparison window.
OLE_COLOR	InsertedFgnd	The color used for inserted lines in the file comparison window.
OLE_COLOR	RemovedFgnd	The color used for removed lines in the file comparison window.
OLE_COLOR	LinkingLinesFgnd	The color used for the change linking lines in the file comparison window.
OLE_COLOR	OverviewFgnd	The color used for the file overview strips in the file comparison window.
bool	ExtendLinkingLines	Extends the linking lines across the file panels.
bool	ExpandTabs	Expands tab characters when displaying files in the file comparison or merging windows.
bool	LinkVertically	Links the two files together when scrolling vertically.
bool	LinkHorizontally	Links the two files together when scrolling horizontally.
bool	MaximizePMdiffOnStart	Maximizes the PMdiff window when it first opens.
bool	MinFldrCompAfterComparingFiles	Minimizes folder comparison windows when they have finished opening file comparison windows for selected files.
bool	ShowLineNumbers	Shows line numbers in the file comparison window.
bool	DelayedLink	Delays horizontal and vertical linking until the scroll bar is released.
short	IgnoreWhitespace	Controls how whitespace is treated when files are compared: 0 = whitespace is significant, 1 = leading whitespace is

		ignored, 2 = all whitespace is ignored.
bool	CloseOnErrorOrNFF	Closes file comparison windows when opened by the folder comparison window if there was an error during comparison, or neither file could be found.
bool	CloseOnNoChanges	Closes file comparison windows when opened by the folder comparison window if there were no changes between the two files.
bool	LimitOpenedViews	Limits the number of file comparison that can be opened by folder comparison windows at any one time.
short	OpenViewLimit	The maximum number of file comparison windows that can be opened by folder comparison windows at any one time.
bool	HideCRLF	Hides the carriage return and line feed characters at the end of each line in file comparison windows.
bool	ShowLinkingCentre	Shows a center marker in the linking lines panel in the file comparison window.
bool	ShowOverviewStrips	Shows change overview strips in the file comparison window.
bool	EnableMerging	Enables merging support in file comparison windows.
bool	PerformThoroughComparison	Files are fully compared during a folder comparison operation.
bool	RecursiveFolderComparison	Sub-folders are also compared during a folder comparison operation.
bool	ShowInsertedRemoved	Includes inserted and removed files in the folder comparison results list.
bool	ShowUnchangedFiles	Includes unchanged files in the folder comparison results list.
bool	UseFileFilter	Enables the use of the file and folder pattern filter when comparing folder hierarchies.
bool	IgnoreCase	Ignores the case of characters when

		comparison files.
bool	OpenInitialComparisonWindow	Opens an initial empty file comparison window when PMdiff starts.
bool	ConfirmPMdiffClose	A confirmation message box is displayed when PMdiff is closed by the user.
bool	FolderPrintShowLineNumbers	Displays line numbers in a folder comparison printout.
short	FolderPrintMarginUnits	The units to be used for the margins in a folder comparison printout. 0 = inches, 1 = centimeters.
bool	FilePrintShowLineNumbers	Displays line numbers in a file comparison printout.
short	FilePrintMarginUnits	The units to be used for the margins in a file comparison printout. 0 = inches, 1 = centimeters.
bool	ShowFileTimestamps	Shows last-modified timestamps for files in the folder comparison results list.
bool	FindMatchCase	Enables the match case option in Find dialogs.
bool	FindWholeWordOnly	Enables the whole word only option in Find dialogs.
short	FindRange	(unused) Sets the search range used in Find dialogs. 0 = whole document, 1 = current selection.
bool	MergeEditorWordWrap	Enables word-wrapping in the merged file editing window.
short	FilePrintWordWrap	Enables word or character wrapping in file comparison printouts. bit 0: unset = no wrapping, set = enable wrapping. bit1: unset = word-wrapping, set = character-wrapping.
short	ExpandTabsTo	The number of spaces to expand tab characters to.
short	HistorySizes	The maximum number of entries in the find, file, and folder history lists.
BSTR	FindHistory(short sIndex)	The entry at index sIndex in the Find dialog's Find what: list.

BSTR	ReplaceHistory short sIndex)	The entry at index sIndex in the Replace dialog's Replace with: list.
BSTR	UnchangedMergeFont(short sSide)	The font used to represent unchanged lines from (sSide == 0) the first file, or (sSide == 1) the second file in the merged file editing window.
BSTR	ChangedMergeFont(short sSide)	The font used to represent changed lines from (sSide == 0) the first file, or (sSide == 1) the second file in the merged file editing window.
BSTR	InsertedRemovedMergeFont(short sSide)	The font used to represent (sSide == 0) removed lines in the first file, or (sSide == 1) inserted lines in the second file in the merged file editing window.
BSTR	FolderHistory(short sSide, short sIndex)	The entry at index sIndex in (sSide == 0) the first folder list, or (sSide == 1) the second folder list in the folder comparison window.
BSTR	FileHistory(short sSide, short sIndex)	The entry at index sIndex in (sSide == 0) the first file list, or (sSide == 1) the second file list in the file comparison window.
OLE_COLOR	UnchangedMergeFgnd(short sSide)	The colour font used to represent unchanged lines from (sSide == 0) the first file, or (sSide == 1) the second file in the merged file editing window.
OLE_COLOR	ChangedMergeFgnd(short sSide)	The colour used to represent changed lines from (sSide == 0) the first file, or (sSide == 1) the second file in the merged file editing window.
OLE_COLOR	InsertedRemovedMergeFgnd(short sSide)	The colour used to represent (sSide == 0) removed lines in the first file, or (sSide == 1) inserted lines in the second file in the merged file editing window.
double	FilePrintLeftMargin	The size of the left margin in file comparison

double	FilePrintRightMargin	printouts. The size of the right margin in file comparison printouts.
double	FilePrintTopMargin	The size of the top margin in file comparison printouts.
double	FilePrintBottomMargin	The size of the bottom margin in file comparison printouts.
double	FolderPrintLeftMargin	The size of the left margin in folder comparison printouts.
double	FolderPrintRightMargin	The size of the right margin in folder comparison printouts.
double	FolderPrintTopMargin	The size of the top margin in folder comparison printouts.
double	FolderPrintBottomMargin	The size of the top margin in folder comparison printouts.

PMdiff.Options2

Properties

<i>Type</i>	<i>Name</i>	<i>Description</i>
BSTR	IncludeFileFilter	A list of semicolon or comma separated patterns for files to include when comparing folders.
bool	UseIncludeFileFilter	Enables the use of the file and folder pattern filter when comparing folder hierarchies.
bool	CopyFilesAutoFolderCreate	Controls the automatic creation of folders when copying files in the Copy Files window.
bool	PrintOnlyPagesWithChanges	When set to TRUE, only pages containing changes will be included in file comparison printouts.
bool	SelectRightChangesDefault	When set to TRUE, Changes will be selected from the second file by default in file comparison windows.

Moves the cursor to the previous change.

Select this option to set the measurement unit to inches.

Click to change the text style used for unchanged lines from the second file.

Select this option to set the measurement unit to centimeters.

Shows or hides the editing toolbar.

Click to change the text style used for unchanged lines from the first file.

There is insufficient disk space to save the merged file.

Compares the selected files in the list. A file comparison window is opened for each pair of selected files.

Edit the contents of this field to modify the width of the right-hand margin of the page.

An error occurred while saving the merged file. You are probably running short of disk space.

Use this window to replace instances of a specified piece of text. Enter the search text into the **Find what** field. Enter the replacement text into the **Replace with** field. Select the **Replace** button to replace the selected text in the window with the replacement text. Select the **Replace All** button to replace all instances of the search text with the replacement text. The **Selection** and **Whole file** radio-buttons can be used to modify the range within which the search and replace operation is carried out.

PMdiff was unable to remove a temporary file created while saving a merged file. You can safely remove PMdiff temporary files using the Windows Explorer or a Command Prompt. PMdiff temporary files are named **tmp####**, where **#** is a numeric digit.

This list contains the names of all the open file comparison and editing windows. You can multiple-select windows in this list. Select the **Switch To** button to activate the highlighted windows. Select the **Close Window** button to close the highlighted windows.

PMdiff was unable to open the clipboard in order to copy the selected text. Another application is probably using the clipboard at the moment.

Click to change the text style used for removed lines from the first file.

Select this option to enable word wrapping in the merged file editing windows.

Select this option if you want the merged file to be saved with lines ending in a single line-feed character. UNIX text files usually follow this convention.

Select this option if you want the merged file to be saved with lines ending in a carriage-return and line-feed character sequence. Windows and MSDOS files usually follow this convention.

Toggles the active file comparison window between being split horizontally and vertically.

Toggles the active file comparison window between being split vertically and horizontally.

Refreshes the contents of the current window.

Select this button to display the standard **Printer Setup** dialog that you can use to modify printer settings.

Opens the Araxis home page.

Selects removed and changed lines in the first file.

Edit the contents of this field to modify the width of the left-hand margin of the page.

Enter the search text into this field, or choose a previous search text from the drop-down list.

Shows the current line number.

Use this window to find a specified piece of text. Enter the search text into the **Find what** field, and then select the **Find** button to locate the next occurrence of the text.

PMdiff was unable to save the merged file properly. The existing file on disk has not been modified in any way as a result of this.

Select this button to close all the highlighted windows in the list.

Select this option if you want the search text to only match complete words.

Edit the contents of this field to modify the width of the bottom margin of the page.

Select this button to replace the highlighted text in the document with the replacement text.

Select this option to restrict the search and replace scope to the selected portion of the document.

Select this option to enable the search and replace operation to cover the entire document.

Shows or hides time and date stamps for files in the folder comparison list.

Use this control to increase or decrease the number of the last page to be printed.

Enter the text to replace the search text with into this field, or select an entry in the drop-down list box.

Saves the merged file to the first file in the file comparison window.

Saves the merged file to the second file in the file comparison window.

Use this control to increase or decrease the size of the bottom page margin.

Selects inserted and changed lines in the second file.

Finds the previous occurrence of the specified search text.

Use this window to select a filename to save the merged file as.

The Merging Options Page

Enable file merging

Check this option to enable the selection check boxes in the file comparison window. You can use the checkboxes to select the groups of unchanged, changed, removed and inserted lines that will form a merged file.

Editing window styles

The merged file editing window uses a number of different styles to represent groups of lines from the two compared files. Use the buttons below to modify the styles that are used when creating the contents of the editing window.

From first file

These settings affect lines taken from the first file.

Unchanged Lines

Select this button to change the style used to represent unchanged lines from the first file.

Removed Lines

Select this button to change the style used to represent removed lines from the first file.

Changed Lines

Select this button to change the style used to represent changed lines from the first file.

From second file

These settings affect lines taken from the second file.

Unchanged Lines

Select this button to change the style used to represent unchanged lines from the second file.

Inserted Lines

Select this button to change the style used to represent inserted lines from the second file.


Changed Lines

Select this button to change the style used to represent changed lines from the second file.

Enable word wrapping in editing window

Check this option to enable word wrapping in the merged file editing window. If this option is unchecked, then a horizontal scroll bar is made available and lines will extend off the right hand edge of the window.

Related Topics:

 [Options](#)

Opens a window containing an editable version of the merged file. Selected changes from the first and second file are interleaved to form the merged file.

If you would like to save the changes you have made in this window, then select **Yes**. If not, select **No**. If you want the editing window to remain open, then select **Cancel**.

Deletes the character at the cursor, or the current selection.

Use this control to increase or decrease the size of the top page margin.

Use this control to increase or decrease the number of the first page to be printed.

Editing toolbar.

Enter the number of the last page to be printed into this field.

Use this window to manage the windows you currently have open within PMdiff.

You can multiple-select windows in the list. Select **Close Window** to close all highlighted windows in the list. Select **Switch To** to activate all highlighted windows.

Select this option to preserve the original line ending characters when saving the merged file.

Select this button to close the window and keep all the changes made to the printing options.

Opens the Araxis patches and upgrades home page.

Check this option to make the search case-sensitive.

Check this option to include line numbers in the printout.

Select this button to replace all occurrences of the search text with the replacement text. The operation is carried out over the range specified by the **Selection** and **Whole file** buttons.

The specified search text was not found.

Edit the contents of this field to modify the width of the top margin of the page.

PMdiff was unable to create a temporary file to save the merged file to. You either don't have the required access rights to modify files in the save directory, or you are running low on disk space.

PMdiff encountered problems while trying to replace the original file with the new saved file. While attempting to undo the filing operations it had done, PMdiff encountered another unexpected error that it was unable to recover from. This could be due to files being deleted, renamed, or having their permissions changed while PMdiff was saving the file.

The message box contains the names of the files involved. You will need to resolve the problems with the files manually before proceeding.

Select this button to display a preview of the printed document.

PMdiff was unable to replace the file on disk. It's probably marked read-only or you don't have the right access permissions to modify it.

Moves the cursor to the next change.

Use this control to increase or decrease the scaling factor applied to the printed text.

Enter the number of the first page to be printed into this field.

Opens the PMdiff home page.



Click to change the text style used for inserted lines in the second file.

Use this control to increase or decrease the size of the right page margin.


Editing Merged Files


Use this window to edit a merged file before saving it.

File comparison windows are responsible for constructing merged file editing windows. The file comparison includes all the lines that have checked check-boxes. Lines are color coded so that you can tell which of the two files each line comes from. By default, blue lines are lines from the first file, and red lines are from the second file.

Use **Ctrl + Page Up** and **Ctrl + Page Down** to move to the previous and next changes in the file, or use the previous and next change   buttons on the toolbar.

A popup menu containing commonly used commands will appear if you right-click within the file editing area.


When you have finished editing the merged file, you can use a **Save**  command from the **File** menu to save the file.


You can change the line styles and colours that are used in this window by changing the options within the PMdiff options window. Select the **Options...**  command from the **View** menu, and go to the **Merging** page.

Related Topics:

 [Comparing Files](#)

 [Merging Files](#)

 [Comparing Folders](#)

 [Options](#)

Edit the contents of this field to increase or decrease the scaling factor applied to the printed text.

Use this control to increase or decrease the size of the left page margin.

Selects the files that have been modified between the first and second folder structures.

Use this window to modify printing options, preview a printout, or print the active document.

Click to change the text style used for changed lines in the second file.

Click to change the text style used for changed lines in the first file.

Select this button to deselect all the highlighted entries in the list.

Finds the next occurrence of the search text.

Folder comparison toolbar.

Select this option to so that the line is broken at the last visible character rather than at the last visible word.

To upgrade your PMdiff settings so that they can be used with this new version of PMdiff, click **Yes**. If you would prefer to use this new version's default settings, click **No**. If you want to defer this decision until the next time you start PMdiff, then select **Cancel**.

Check to wrap long lines so that the entire contents of each line is visible on the page. If this option is unchecked, then long lines will extend off the edge of the page and some of their content will not be visible.

Select this option to so that the line is broken at the last visible word rather than at the last visible character.

HID_EDIT_REPEAT

HID_RECORD_FIRST

Selects all the text in the document.

Closes the print preview window.

Clears the current selection.

Displays the print dialog for the document being previewed.

HID_FILE_UPDATE

Pastes the information on the clipboard to the current location within the document.

HID_FILE_SEND_MAIL

Zooms in on the previewed printout.

HID_RECORD_LAST

HID_RECORD_NEXT

HID_RECORD_PREV

Copies the current selection to the clipboard.

Displays a dialog that you can use to find some text within the document.

Redoes the last undone operation.

Undoes the last operation.

HID_AFX_PREVIEW_NUMPAGE

HID_FILE_SAVE_COPY_AS

HID_FORMAT_FONT

HID_INDICATOR_CAPS

HID_INDICATOR_KANA

HID_INDICATOR_SCRL

HID_OLE_VERB_LAST

HID_OLE_EDIT_CONVERT

HID_EDIT_PASTE_SPECIAL

HID_TabKey

HID_OLE_EDIT_CHANGE_ICON

HID_OLE_EDIT_PROPERTIES

HID_FILE_MRU_FILE11

HID_FILE_MRU_FILE12

HID_FILE_MRU_FILE13

HID_FILE_MRU_FILE14

HID_FILE_MRU_FILE15

HID_FILE_MRU_FILE16

HID_FILE_MRU_FILE10

Saves the merged document with a new name.

HID_INDICATOR_EXT

HID_INDICATOR_NUM

HID_INDICATOR_OVR

HID_INDICATOR_REC

HID_ShiftTabKey

HID_ReturnKey

HID_FILE_PAGE_SETUP

HID_WIZBACK

HID_WIZNEXT

HID_WINDOW_SPLIT

Displays the printer setup window.

HID_OLE_VERB_FIRST

Displays a dialog that you can use to find and replace text within the document.

Zooms out of the previewed printout.

HID_FILE_NEW

HID_FILE_PRINT_DIRECT

HID_FILE_MRU_FILE2

HID_FILE_MRU_FILE3

HID_FILE_MRU_FILE4

HID_FILE_MRU_FILES

HID_FILE_MRU_FILE6

HID_FILE_MRU_FILE7

HID_FILE_MRU_FILES

HID_FILE_MRU_FILE9

HID_FILE_MRU_FIRST

Prints the active document.

HID_WIZFINISH

HID_OLE_EDIT_LINKS

HID_EDIT_PASTE_LINK

HID_FILE_OPEN

HID_FILE_SAVE

Shows the next page in the previewed document printout.

Shows the previous page in the previewed document printout.

Clears the entire document.

HID_OLE_INSERT_NEW

Cuts out the current selection and places it onto the clipboard.

Check to cause new file comparison windows to automatically maximize themselves when they open.

This control shows you how much of the evaluation period you have left.

This window displays the number of days you have left in the PMdiff evaluation period.

You will need Windows 95 or Windows NT 4.0 (or above) to use PMdiff. PMdiff will not operate correctly on Windows 3.1, Win32s, or versions of Windows NT prior to 4.0.

Describes the state of the evaluation.

This control shows you how much of the evaluation period you have left.


Click to print the current document and save your printing options.

You will need Windows 95 or Windows NT 4.0 (or above) to use PMdiff. PMdiff will not operate correctly on Windows 3.1, Win32s, or versions of Windows NT prior to 4.0.

Click to find the next occurrence of the specified search text.

Click to close this dialog.

Check to make PMdiff open an empty folder comparison window when PMdiff first starts.

Toggles the display of files that have been hidden by you with the **Hide**  command, and those hidden as a result of the **Show unchanged files** and **Show inserted and removed files** options in the **Folder Comparison Options** page.

Re-tests the selected files in the list to see if their unchanged/changed states need to be changed.

Opens a window that you can use to copy the selected files and folders from the right-hand folder hierarchy to a location in the left-hand hierarchy.

Stops any active folder comparison, or file re-test operation.

Displays the progress of any ongoing folder comparison operation.

Copies the named folder from the history list into the folder field.

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Toggles the display of files that you have hidden with the **Hide**  command.

An error was encountered while scanning the contents of either or both folder hierarchies. The error encountered is displayed within the message box.

Copies the named file from the history list into the filename field.

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Copies the named file from the history list into the filename field.

Opens a window that you can use to copy the selected files and folders from the left-hand folder hierarchy to a location in the right-hand hierarchy.

Closes the folder comparison window.

Displays a list of previous entries in the field.

Hides or shows all the files currently selected in the list of files. You can view hidden files by using the **Show Hidden** command or toolbar button.

Displays a list of previous entries in the field.

Check this option to include only those files and/or folders that match the patterns in the adjacent entry field.

Enter the patterns that match the types of file that should be included when comparing folders. For example, enter ***.doc** to include all files ending in **.doc**. Use the ; or , characters to separate multiple patterns. Use a trailing \ character to distinguish folders from files. You can also enter non-wildcard names of specific files or folders that you would like to be ignored. You should generally include a pattern of *\ to include folders in the list, or PMdiff will only examine the top-level of the two folder hierarchies.

Versions of PMdiff prior to 4.6 did not distinguish between filter patterns that specified files and those that specified folders. PMdiff 4.6 and later now require this distinction to be made. For a pattern to match a folder, it should end with a \ character. Such a pattern will only match folders. If a pattern does not end with a \ character, then it will only match files.

This change was required in order to support the ability to include all folders in the new file inclusion filter in the **Folder Comparison Options** page.


Some example filters:

.cpp;.h;WinDebug\;WinRel\

Matches *files* ending in **.cpp** and **.h**, and the *folders* **WinDebug** and **WinRel**.

.cpp;.h;WinDebug;WinRel

Matches *files* ending in **.cpp** and **.h**, and the *files* **WinDebug** and **WinRel**.

This field contains the name of the file being viewed in the panel below. Edit the contents and press Enter (or click **Refresh** ) to open a different file.

Selects all items in the file list.

Check this option to have PMdiff print and preview only those pages in the compared documents that contain changes (inserted, removed, or changed lines).

Copying Files

This window enables you to copy a set of files to a new location.

Destination Path

This field contains the path to the destination folder. The files and folders contained within the list below will be copied below the destination folder.

File List

This list contains the files and folders that were selected in the folder comparison window. Their current location is displayed in the **Source** column, and it relative to the folder structure that is being copied from. The path that the files will be copied to is displayed in the **Destination** column. It is automatically updated as you modify the contents of the **Destination Path** field.

Create required folders automatically

If PMdiff needs to create any folders below and including the destination path, then it will ask you to confirm that the folders should be created. By checking this option, you can instruct PMdiff to create the folders automatically without asking.

When files or folders are copied from one hierarchy to another, their relative positions within the hierarchies are preserved. For example, if two folders **c:\old-docs** and **c:\docs** are compared, and a file **meetings\010298.txt** is copied with the **Copy To Right** command, then the file list will contain an entry **meetings\010298.txt**. When the **OK** button is clicked, the file will be copied to **c:\docs\meetings\010298.txt**. If the **meetings** folder does not already exist below **c:\docs**, and the **Create required folders automatically** option is unchecked, then you will be asked to confirm the creation of the **meetings** folder.


If a folder is included in the list for copying, then the folder and *everything that it contains* will be copied.

Related Topics:

 [Comparing Folders](#)

This entry field contains a list of the files contained within the two folder hierarchies. Select items in this list, and then use the commands in the toolbar and menus to operate on them.

This field contains the name of the file being viewed in the panel below. Edit the contents and press Enter (or click

Refresh ) to open a different file.

[Click to move to the previous change.](#)

Check this option to create any required new folders below the destination path automatically. If left unchecked, you will be prompted when a new folder needs to be created.

This field shows the current line number. Edit the contents and press Enter to move to a specific line.

This control shows the current line number. Edit the contents and press Enter to move to a specific line.

This field holds the copy operation destination path, below which items in the list will be copied to.


Click to move to the next change.

Click to browse for a folder.

Click to move to the next change.

[Click to move to the previous change.](#)

Click to copy the files contained within the list to their new location under the destination path. You may be prompted if the copied files already exist in the new location.

Contains the merged file. Edit the merged file, and then select one of the **Save**  commands from the menu or toolbar.

When two files are compared in a file comparison window, and merging is enabled, PMdiff will select all the changes in the left-hand file by default. By checking this option, you can change this behavior and have PMdiff select all the changes from the right-hand file by default.

This list contains the names of the files that are to be copied, and their destination paths.

