

# File Viewer Help Index

File Viewer is a must-have utility for all Windows 3.1 power users, programmers and most casual users. It lets you browse file contents as text, either ASCII (as in listings or .INI files), hexadecimal dump for binary files or raw text with no respect for line ends and other control characters to easily identify printable data in binary files. Many aspects of formatting and display are configurable to your liking and needs. Among other features are:

- Stay on top of others for easy access
- Drag and drop files for viewing
- Installation as Windows File Manager menu item
- Registration in Windows registration database for easy file display and print
- DDE support

To learn how to use Help, choose Using Help from the Help menu or press F1.

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**Important:** read this before using the program

*This program is distributed as shareware - please read license information before you decide to keep and use this program.*

## File Viewer Menu Commands

This is the list of File View menu bar selections. Click on the menu name below to get detailed information.

[File Menu](#) open, print, exit

[Display Menu](#) select display format and options, bring up format dialog box

[Find Menu](#) repeat last find, bring up find dialog box

[Mark Menu](#) set or reset tag mark, clear all tags

[Help Menu](#) invoke help topic, display program version and copyright notice

# File Menu Commands

## Open... (Ctrl+F12)

Open a new file for display.

This option displays the standard Windows Open File dialog box. The File Type option usually contains two choices. One for "Any File (\*.\*)" and one for the kind of file that was specified on the command line when File View was started, if it contained any wild characters. So if you started File View using command line:

```
Fview c:\win\*.ini
```

the default file type will be "Default (\*.INI)" and the directory will be preset to "C:\WIN". If you later change directory while selecting the file to open, it will not be reset back to "C:\WIN".

This behavior makes it easy to create customized icons in Program Manager that display only the most often used type of file. For example in your development group you may want to create an icon for "FV\*.LST" to automatically narrow down the selection list to only the listing files. See also [Command Line Options](#).

Only one file is open at a time in File View and opening a file forgets any file that was open previously. All formatting options stay as they were before the file was opened.

## Print Page

Prints one page from the current file formatted using the current display format.

This option is very handy for a quick print of the currently viewed data for further reference. To customize the output use Display option to choose display formatting, including font and line length if appropriate, and the select File-PrintPage.

There is no full-fledged Print option in the current version of the program. It will be implemented in the next version of File View.

## Ignore DDE

If this option is checked, File View will not respond to other programs requests to open a new file. Programs that will issue such requests include Windows File Manager, [FviewDLL File Manager Extension](#) and Print Manager. See [Interface from other Windows applications](#) for more details on this topic.

This option is by default checked if you start File View and unchecked if FviewDLL or File Manager start Fview. See also [Command line options](#).

## Exit

Exits File Viewer.

# Display Menu Commands

<b>Text</b>	<b>Ctrl+T</b>
<b>Hex</b>	<b>Ctrl+H</b>
<b>Raw Text</b>	<b>Ctrl+R</b>

Selects one of the three main formats.

**Text Format** is mostly appropriate for actual ASCII or ANSI text files. New lines are respected and you have the choice to change other options like expanding tabs, wrapping lines or translating ASCII/ANSI characters.

**Hex Format** is a standard hexadecimal dump display. Usually you will want to have Wrap option turned on in this mode to format as much dump as will fill in the program window and still see both the hex and text part of the data. Most nonprintable characters will be displayed as dots appearing in the center of a character cell, but some will display as black blocks or empty squares depending on the current font. Generally only fixed pitch fonts (like Courier) make sense for this type of display.

**Raw Text Format** is useful for generally non-displayable (binary) data that contains some text parts that you would like to look at. This is usually the case with program data files, executable modules and word processor documents. Data is displayed in text mode with no regard for new line character and translation of non-printable characters to dots.

You can also choose formatting mode from the Display Options dialog box, see below.

**Wrap**      **Ctrl+W**

This is a quick shortcut to the Wrap option that also appears on the Display Option dialog box.

**Options...**    **Ctrl+O**

Displays a dialog box for complete set of formatting options. See [Formatting Options](#) for complete discussion of the topic.

**Always on Top**

This option allows you to display the File View window or icon on top of all other windows or icons on your desktop. This is very useful when you have File Manager window maximized and drag files from File Manager to drop them on File View for display. See also [How to's, usage notes](#).

## Find Menu Commands

**Text...**      **Shift+F3**  
**Hex...**      **Ctrl+F3**

Displays a Find dialog box. You specify the data you want to find, search options and choose Find or Mark All button to execute.

In hex search you can enter only digits 0-9,A-F,a-f and space. Space is only an editing character and is not a part of the search data.

Search starts at the line following the [current line](#) . The line containing the found data is then highlighted and displayed at the top of the screen. Pressing Find Next (F3) restarts the search process. If the data is not found between the [current line](#) and the end of the file, File View beeps and displays the last line of the file.

Choosing Mark All button directs File View to find all occurrences of the data and [tag](#) (menu selection bar colors) all lines containing the found data. You can then skip from tag to tag using Mark Next (F2) command.

**Note:** Search is performed in the file data not in the formatted output. If a line is truncated during formatting it may still be marked as found. See [How to's, usage notes](#) on how to display long lines. File offsets are not part of the file. Perform hex search to find hex data, text search will not find hex data in dump display.

**Next**      **F3**

Repeats the last search text or hex command starting at the [current line](#) .

## Mark Menu Commands

**Toggle**      **Ctrl+F2**

Toggles the [tag](#) for the [current line](#).

**Next**      **F2**

Looks for the next tagged line starting at the line following the [current line](#).

**Unmark All**      **Ctrl+Shift+F2**

Displays a dialog box containing complete set of [formatting options](#).

# Help Menu Commands

## **Contents**

Displays the list of topics in this file.

## **Keyboard**

Jumps directly to help topic describing keyboard shortcuts.

## **Help on Help**

Displays the tutorial on using Windows Help.

## **About**

Displays the program version and copyright information.

## How to's, usage notes

### Quickly look at several files in File Manager

Using mouse (drag and drop)  
Using keyboard (File View menu)

### Make File View the default program for .LST (or other) files

Associate File View with file type LST  
Register File View in Windows registration database

### Keep File View from disappearing when other application becomes active

Check the Display-Always on Top option

### Mark a line for later reference

Tag the line by double clicking with mouse, use F2 to locate it later

### Find all occurrences of a string

Use Find-MarkAll to tag all lines, locate them by pressing F2  
(useful for finding errors in compiler listings).

### Continue search at line other than top of the screen

Click on the line after which to start search, press F3

### See more data on the screen

Use Display-Options-Font to choose smaller font

### Display entire length of very long lines

Use Wrap option  
Use Display-Options-Fixed Line Length option with very long line

### See where do the lines actually end

Use Display-Options-Show Background option

### Stop a File View instance from opening other files

Check Ignore DDE item on File menu  
Register without DDE support

### Format the page printed with Print Page option

Use Display-Options to change font, line and wrap options

### Start File View with those same formatting options every time

Press Save on the Display-Options dialog box  
Use command line options in the File Manager icon  
Use command line options in the registration database



## Browsing files in Windows File Manager

### Using keyboard

Install File View as File Manager extension. This adds a new menu item **FView!** to the File Manager menu. Select a file in the File Manager window, press **Alt+E** (menu drops down) then **e** (File View starts). Adjust position and size of File View window, change format, if desired. Press **Esc** to minimize File View. Select another file in File Manager. Press **Alt-E**, File View pops up with the new file open. Press **Esc** to minimize it again...

### Using mouse

Start File View either from Program manager icon or from File Manager menu, if installed. Adjust window and formatting as required. Check **Display-Always on Top** option. Minimize File View if it obstructs the desktop, bring File Manager to view. Drag a file from File Manager and drop on the File View icon or window. File view opens the new file restoring the window if it was minimized.

## Associating File View with documents

### Associate a file type with file view

Choose **File-Associate** option from File Manager. Type the file extension in the Extension box, type FVIEW.EXE in the Associate With box. Press **OK** button. This kind of association will start a new instance of File View every time you press Enter when selecting this type of file or choose **File-Open** from File Manager menu. This association does not let you drag and drop a file of this type on Print Manager to print it.

### Register in Windows Registration Database

Run Notepad and open file **FVIEW.REG**, which comes with this program. Change the LST option near the top of the file to the requested file extension, save. Run registration editor **File-Run** REGEDIT from File Manager or Program Manager. Choose **File-Merge** option and select file FVIEW.REG. Close REGEDIT. This kind of registration uses DDE to communicate with File View. The same instance of File View will open all requested files unless **File-Ignore DDE** option is specifically turned off. Files of type registered in this manner can be dragged and dropped on Print Manager for printing.

### **Keeping File View window in sight**

To keep File View from disappearing when other applications become active check **Display-Always on Top** option in File View. This will make sure that when you switch to another program File View window will not disappear. You may need to adjust the size of File View window if it obstructs other windows that you are using. File View icon will now also stay on top of other windows, so you may decide to minimize File View (Esc key).

### Tagging lines with a mouse

To mark a line for later reference position the mouse pointer over that line and double click the left mouse button. The line reverses colors after the first click then changes colors again after the second click. The second color is always identical to the color of a highlighted menu item in your Windows.

To find a marked line press **F2**. If File View displays the last line and beeps, press **Home** to go to the top of the file and press **F2** again. Each **F2** will locate the next marked line.

### **Changing current line**

The first line on the screen is the default *current line* for search and locate operations. To change the current line you can *mark* a line on the screen. To mark a line with the mouse position the mouse pointer over that line and click the left mouse button once.

The mark will disappear when you mark another line or scroll the data in the window. To clear a mark you can also click the right mouse button.

### Tagging all occurrences of a string

It is often useful to tag all occurrences of a string in the entire file. For example all error messages in a compiler listing file. To do this identify the string to find, select **Find-Text** option and type in the text. Choose other find options as desired. Press **Mark All** button. File View finds all occurrences of the text and tags all of them.

Note that the tag is actually assigned to the found text, not to the line. If you change formatting options, the tag will move with the first character of the tagged text.

### Changing font for display and Page Print

Choose **Display-Options** option, press **Font** button. Select the desired font. It is generally better to choose fixed pitch font for data display. If you are using Hex format, non-fixed font will make your display unreadable. The best choice is usually Courier 10pt or Courier New 10pt or 9pt. Courier New 9pt is usually a good choice for Page Print. Fonts below 6 points are usually unreadable.

### Changing line display format

To display a file that contains very long lines choose **Display-Wrap** option. This will cause lines to wrap to the width of your window. Every time you change window size the text will wrap to the new width. If you want to wrap lines to a specific line length, choose **Display-Options** and check the Fixed Line Length box. Also adjust the Line Length to the desired value. This is very useful when you are browsing a file with fixed-length records and no carriage returns.

Normally File View does not format very long lines to preserve display buffer space. When you scroll right long lines are truncated at certain point and appropriate message displays. Use the above procedures (use very big number for Line Length) to force File View to format entire lines. Lines take only as much space as required, even with very big Line Length.



### **Displaying window background**

By default the entire area of File View window is in the default window colors. In Control Panel terminology these are Window Text and Window Background colors. This means that a space character at the end of the line cannot be seen. To actually be able to tell if a line ends with blanks choose **Display-Options** option and check Display Background box. This will paint the entire background of File View window in the Application Workspace color. If the window color did not change, run Control Panel, choose Colors and change Application Workspace color to one different from Window Background color.

### Ignoring DDE requests

DDE (Dynamic Data Exchange) is a way Windows applications talk to each other to exchange information and commands. File View is listening for DDE requests to open and display a file if the **File-Ignore DDE** option is not checked. This option is initially checked or unchecked depending on the way File View was started.

FviewDLL, the File View extension to Windows File Manager, uses DDE to tell File View to open another file. So does File Manager and Print Manager if File View was registered using REGEDIT.EXE program. This means that the same instance of File View will open new files. If you need to keep a file open and want another instance of File View to open a new file, check the **Ignore DDE** option.

### **Saving format information**

Select **Display-Options** option. Choose format from Text/Hex/Raw Text. Select Formatting Options for the chosen format. Note that there is a separate set of Formatting Options for each format, you may wish to adjust options for all formats before saving. If desired press the **Font** button, choose font and press OK to get back to the Formatting dialog box. Press **Save**, your selections are saved in WIN.INI. The next time you start File View options will be retrieved from WIN.INI. Note that command line switches override WIN.INI options.

## Formatting Options

There are three display formats:

- **Text Format**, for generally readable ASCII/ANSI text files
- **Hex Dump Format**, for binary files
- **Raw Text Format**, for binary files that contain some text information

You choose format from the Format list box. Each format has a set of Format Options associated with it:

- **Wrap Text**, controls wrapping text to the width of File View window. Check this option to see the entire contents of long lines and to force Hex Dump lines to fit into the window.
- **Show Background**, controls display of the window background in different color to allow easy identification of trailing spaces and line lengths.
- **Expand Tabs**, really effective only in Text Format - expand tabs to spaces.
- **Fixed Line Length**, forces formatted line length to a fixed value independently of the dimensions of the Fview Window. The length of the formatted line is defined by Line Length option. Normally File View uses line length of about three widths of the screen. This preserves display buffer space with files that do not have proper line ends (like \*.EXE files). Note that this is the maximum length that will be formatted. A line takes only as much buffer space as is actually needed for it. Also when viewing data files with fixed record size setting Line Length to the record length and checking Fixed Line Length box gives you true record-by-record display. Use this option to adjust the line width if Print Page option does not print lines long enough.
- **Translate to ANSI**, translates displayed string from ASCII to ANSI. This is useful when viewing text file using international characters from the ANSI character set.

**Line Length** is used in conjunction with Fixed Line Length format option, see above.

**Tab Length** is the length of tab skip and is used in conjunction with Expand Tabs format option.

## Command Line Options

File View command line has the following form:

```
FVIEW [file spec] [switches]
```

The order does not matter, switches can be before and after the file name. Each element (switch or file spec) must be separated from the rest by at least one blank.

The *file spec* can be a unique file name optionally with path - the file gets opened immediately, or a wildcard file specification. In the latter case the Open dialog box is displayed with files matching the *file spec* preselected. Also the wildcard file specification is added to the File Type list box in the open dialog and made the default specification every time you select **File-Open** option. This is useful when you work with certain type of files and need to change open file. You may want to define a "\*.INI" icon in Program Manager to easily access any INI file in your Windows directory:

```
FVIEW /T /X C:\WIN\*.INI
```

There are two kinds of switches: selection switches and on-off switches. Selection switches are not case sensitive and their presence turns the option on. On-off switches are case sensitive: uppercase letter turns the option on and lowercase letter turns the option off. These are mostly used to override format options.

Selection switches:

<b>/X</b>	maximize File View window; default: normal size window
<b>/D</b>	DDE server mode; default: ignore DDE requests
<b>/T</b>	start in Text Format
<b>/H</b>	start in Hex Dump format
<b>/R</b>	start in Raw Text format

On-off switches, default is the current contents of WIN.INI:

<b>/w</b>	wrap lines
<b>/b</b>	show background
<b>/e</b>	expand tabs
<b>/l</b>	fixed line length
<b>/a</b>	translate to ANSI

Note that format switches override format options for the format in which File View starts, other formats are not affected. Also if you do not save options, WIN.INI settings are not modified. See also [Formatting Options](#).

# Keyboard Shortcuts

The following key combinations are recognized by File View:

## Scrolling

and ↓	up and down one line at a time
<b>PgUp</b> and <b>PgDn</b>	up and down one screen at a time
<b>Home</b>	top of the file
<b>End</b>	bottom of the file
← and →	left and right one character at a time
<b>Ctrl+←</b> and <b>Ctrl+→</b>	left and right one-third of a screen at a time
<b>Ctrl+Home</b>	left margin
<b>Ctrl+End</b>	right margin

## Format

<b>Ctrl+T</b>	text format
<b>Ctrl+H</b>	hex dump format
<b>Ctrl+R</b>	raw text format
<b>Ctrl+W</b>	toggle wrap lines
<b>Ctrl+O</b>	Options dialog box

## Search

<b>Shift+F3</b>	text find
<b>Ctrl+F3</b>	hex find
<b>F3</b>	repeat last search

## Marks (tags)

<b>Ctrl+F2</b>	toggle <a href="#">current line</a> tag
<b>F2</b>	find next <a href="#">tag</a>
<b>Ctrl+Shift+F2</b>	clear all tags

## Help

<b>Ctrl+F1</b>	help contents
<b>F1</b>	keyboard help

## Other

<b>Esc</b>	minimize File View window
<b>Alt+F4</b>	close File View window and exit

# File Manager Extension Installation

File View can be installed as Windows File Manager *extension*. When this is done File Manager adds File View **FView!** menu item to its menu bar. The drop down menu contains two options:

**Start FView** this option starts File View if no instance is running or no instance responds to DDE requests.

**About...** this option displays the File View File Manager extension About box.

Installation:

- Copy File View files

```
FVIEW.EXE
FVIEW.HLP
FVIEWDLL.DLL
```

to a directory included in your PATH=.

- Start Windows Notepad: either click Notepad icon in your Program Manager window or enter **File-Run** option in program manager or File Manager then type NOTEPAD and press **OK**.
- Open file WINFILE.INI in your Windows directory. It looks somewhat like this:

```
[Settings]
MinOnRun=1
Replace=0
LowerCase=1
StatusBar=1
Save Settings=0
```

- Add the following paragraph at the end of file

```
[AddOns]
File Viewer=FviewDLL.DLL
```

- Save the file and close Notepad.
- Close File Manager if it was started.
- Start File Manager, enjoy [easy access](#) to File View.

## Controlling from Other Windows Applications

File View uses DDE to accept requests from other Windows applications. Most often the originator of DDE requests will be:

**FViewDLL** File Manager Extension: if File View is installed as File Manager [extension](#), selecting **FView!** menu sends DDE requests to File View.

**File Manager:** if you [register](#) File View as default processor for selected file types, File Manager changes file icon from "general file" icon to "document" icon. Double clicking such file directs File Manager to start appropriate application (Fview in this case) to open the file.

**Print Manager:** if you [register](#) File View using REGEDIT.EXE Print Manager will know how to request from File View that an associated file be formatted for printing. Dragging and dropping such file on Print Manager window (or icon) results in activating of File View with the request to print the dropped file.

**You** can also request from File View that a file be opened or printed. Here is the protocol (this is the default protocol used by Windows for registered applications):

1. Try to open DDE session with server "File Viewer" on topic "System".
2. If the session was open skip this item, otherwise start File View using the following command line:

```
FVIEW.EXE /D [other options]
```

Note that there is no file name in the command line. You could include file name in the command line and that would be the end of the conversation. The /D [switch](#) tells File View to listen to DDE requests.

3. Try to open DDE session with server "File Viewer" on topic "System". If it did not work - you have a problem.

4. Send the following DDE request(s) to the open DDE channel:

```
[Open "file name"]    open a file
[Print]               print the currently open file
[Exit]               exit this instance of File View
```

4. Close the DDE channel.



## Registration: FVIEW.REG File

In the unfortunate case when you loose your FVIEW.REG file, here is the proper contents of the distribution version of the file. Maximize this window to avoid wrapping. Every line begins with "HKEY\_CLASSES\_ROOT" text. The first three lines describe extensions to be registered. You can add more lines in the same format or remove one or two lines. Make sure they do not conflict with already existing definitions. "List\_File" is the name of class of files processed by File View. Once you register this class, you can associate any number of extensions with it using File Manager **File-Associate** option.

```
HKEY_CLASSES_ROOT\.inf = List_File
HKEY_CLASSES_ROOT\.log = List_File
HKEY_CLASSES_ROOT\.lst = List_File

HKEY_CLASSES_ROOT\List_File = List File
HKEY_CLASSES_ROOT\List_File\shell\open\command = FView.Exe -D
HKEY_CLASSES_ROOT\List_File\shell\open\ddeexec = [OPEN "%1"]
HKEY_CLASSES_ROOT\List_File\shell\open\ddeexec\application = File Viewer
HKEY_CLASSES_ROOT\List_File\shell\print\command = FView.Exe -D
HKEY_CLASSES_ROOT\List_File\shell\print\ddeexec = [OPEN "%1"][PRINT]
HKEY_CLASSES_ROOT\List_File\shell\print\ddeexec\application = File Viewer
HKEY_CLASSES_ROOT\List_File\shell\print\ddeexec\ifexec = [OPEN "%1"][PRINT][EXIT]
```

This is the end of this file.

## License and Registration Information

This section contains important license and registration information. Please read it carefully before using the program.

[Disclaimer - Agreement](#)

[Definition Of Shareware](#)

[Future Plans](#)

## Disclaimer - Agreement

Users of File Viewer must accept this disclaimer of warranty:

"File Viewer is supplied as is. The author disclaims all warranties, expressed or implied, including, without limitation, the warranties of merchantability and of fitness for any purpose. The author assumes no liability for damages, direct or consequential, which may result from the use of File Viewer."

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Commercial users of File Viewer must register and pay for their copies of File Viewer within 30 days of first use or their license is withdrawn. Site-License arrangements may be made by contacting Maze Computer Communications.

Anyone distributing File Viewer for any kind of remuneration must first contact Maze Computer Communications at the address below for authorization. This authorization will be automatically granted to distributors recognized by the (ASP) as adhering to its guidelines for shareware distributors, and such distributors may begin offering File Viewer immediately (However Maze Computer Communications must still be advised so that the distributor can be kept up-to-date with the latest version of File Viewer.).

You are encouraged to pass a copy of File Viewer along to your friends for evaluation. Please encourage them to register their copy if they find that they can use it.

This program does not have any printed documentation all information on use and capabilities is included in the online help.

All registers user receive free technical support for 101 days from the date of registration. Also all registered users receive a free upgrade to the next version of this program when that version becomes available. To report bugs, receive help and bug fixes please send a CompuServe message via CompuServe Mail to:

Jurek Makowiecki  
[70152,1501]

or, if you do not have access to CompuServe, write to the address below.

Make payment by check or money order to Maze Computer Communications and mail to:

Jerzy Makowiecki  
Maze Computer Communications  
269 Amethyst Way  
Franklin Park, NJ 08823  
USA

## Definition Of Shareware

Shareware distribution gives users a chance to try software before buying it. If you try a Shareware program and continue using it, you are expected to register. Individual programs differ on details -- some request registration while others require it, some specify a maximum trial period. With registration, you get anything from the simple right to continue using the software to an updated program with printed manual.

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Shareware is a distribution method, not a type of software. You should find software that suits your needs and pocketbook, whether it's commercial or Shareware. The Shareware system makes fitting your needs easier, because you can try before you buy. And because the overhead is low, prices are low also. Shareware has the ultimate money-back guarantee -- if you don't use the product, you don't pay for it.

## Future Plans

The future plans for this program include the following items. These are plans, They may get changed: dropped if there is not enough interest - read registered users, or expanded according to user's feedback. We reserve the right to change plans at our discretion without giving any reason.

- Line number display in text mode (optional)
- File offsets display in any mode (optional)
- Jump to file offset or line number
- Fine adjustment if starting address in hex mode
- More elaborate search: skipping white space, search in display data, other
- Status bar
- Native Windows NT™ version
- Print Setup and Print menu options, page setup and other related options
- Faster scrolling and formatting

