

# **QRead version 1.0.1**

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## **Contents**

### General Information

[Overview](#)  
[Installation and Quick Start](#)  
[Licensing and Distribution](#)  
[Disclaimer](#)  
[ASP Ombudsman](#)

### Main Menu

#### File

[Open](#)  
[Open \(continuous\)](#)  
[Close](#)  
[Delete the open file](#)  
[Exit](#)

#### View

[As saved](#)  
[With adjusted type](#)  
[With adjusted lines](#)  
[Increase type size](#)  
[Decrease type size](#)  
[Repaint](#)

#### Commands

[Find](#)  
[Find next](#)  
[Copy page to clipboard](#)  
[Place bookmark](#)  
[Remove bookmark](#)  
[Go to bookmark](#)  
[Launch another QRead](#)  
[Launch companion App](#)

#### Options

[Fonts](#)  
[Tabs](#)  
[Entry / Exit](#)  
[Registration info](#)  
[Load default settings](#)  
[Load default settings](#)  
[Store custom settings](#)  
[Store settings for file](#)

#### Help

[Help On QRead](#)  
[How to use Help](#)  
[About QRead](#)

## Miscellaneous Information

**QRead command line**

**Windows Program Manager**

**Deinstallation**

**What's new in this version**

## Overview

QRead lets you read text files quickly and easily in the Microsoft Windows 3.1 environment. Text files can be shown on the screen in any font you choose, and QRead will automatically adjust the type size or the line structure to fit the window. The display changes, but not the file itself. QRead accesses your file in a "read only" manner.

Qread also provides tools to help with browsing and management of your text files. You can search for a text string, place a bookmark, copy information to the clipboard, and delete files. You move through the file by using the mouse to click on the scroll bars, or by using keys, such as the arrow keys and the PageUp and PageDown keys.

The operation and settings of QRead can be customized and remembered. This customization can be remembered on a file-by-file basis if you desire.

## Installation And Quick Start

The simplest installation of QRead consists of one step - copy the file qread.exe to your disk. No other files are necessary to get started.

The first time you enter QRead it will use default settings. The first time you exit QRead it will save the environment that you have in place at the time of exit. This environment is stored in the file "qread.ini" in your windows directory. Unless you choose to store settings information, qread.ini will be the only file that QRead writes to your disk. (The sections on the Entry / Exit menu item and the Store menu items explain how QRead stores settings information.)

If you want to be able to use on-line Help, you must also copy the file qread.hlp to your windows directory.

To install QRead as a program item (using icons, etc.), refer to the section on Windows Program Manager.

## Licensing And Distribution

QRead is a Shareware program and is provided at no charge to the user for EVALUATION. All rights are retained by the author. Feel free to share this program with your friends, but please do not give it away altered or as part of another system. If you try a Shareware program and then continue to use, you are expected to register and become a licensed user.

If you are using QRead after a reasonable evaluation period (30 days for commercial use), send your name, address and the license fee of \$20 to:

DS Products  
P.O. Box 342  
Westford, MA 01886

The \$20 fee will license one copy for use on any one computer at any one time. You must treat the licensed software just like a book. An example is that this software may be used by any number of people and may be freely moved from one computer location to another, so long as there is no possibility of it being used at one location while it's being used at another, just as a book cannot be read by two different persons at the same time. Site License arrangements may be made by contacting DS Products.

Registered users will receive:

- a key that disables the registration reminder window,
- support (via CompuServe [70731,1673] or regular mail for 90 days),
- notice of upgrades, and
- a clear conscience.

Anyone distributing QRead for any kind of remuneration must first contact DS Products 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 QRead immediately. DS Products must still be advised, however, so that the distributor can be kept up to date with the latest version of QRead.

The essence of Shareware is to provide users with quality software without high prices, and yet to provide incentive for programmers to continue to develop new products. Shareware is a distribution method that allows you to try before you buy. Shareware has the ultimate money back guarantee -- if you don't use the product, you don't pay for it.

## **Disclaimer**

Users of QRead must accept this disclaimer of warranty: "QRead 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 QRead."

## **ASP Ombudsman**

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## Open

When you select a file using the Open dialog box, QRead attempts to open the file and copy the entire file into memory. QRead uses this memory image to format and display the "open" file. No changes are ever made to the file on disk. Technical note: After the copy has been made, Qread actually closes the file. That is, the file is immediately closed as far as the operating system is concerned.

QRead places no limit on file size ("huge" pointers are used), but the open command will fail if you do not have enough memory available.

Only one file is open at a time. If you ask to open a new file when there is already a file open, the new file is copied into memory replacing the memory image of the previously open file.

Whenever QRead opens a file, it checks to see if there is a file with the same name and path name but with the ".qfs" extension. If there is, QRead will read the stored settings info from the .qfs file and update the settings.



## **Open (continuous)**

This menu item performs the same function as Open, but continues to display the dialog box after the Open command has completed. This is useful if you want to quickly browse through many files. It is also useful in conjunction with Delete. That is, you can quickly open a file, delete it if necessary, and then open the next file.

## Close

Close "erases" the file from memory - it gives back the memory to Windows.

There is another effect of close. When you invoke the close menu item, the current settings will be stored in the ".qfs" file, if you have checked "On close and exit, store settings for file" in the Entry/Exit dialog box.

Scroll bars and some menu items are disabled if there is no file open.

## **Delete the open file**

Delete asks you to confirm that you "really want to do this" before deleting the open file. If you are pretty sure already, for example when you are browsing through files, you can speed up the delete process by using the hotkey "Delete" and then "Enter" to confirm the deletion.

## **Exit**

When you exit QRead, if you have a file open, AND if you have checked "On close and exit, store settings for file" in the Entry/Exit dialog box, the current settings will be stored in the ".qfs" file.

## **As saved**

QRead offers three views of your file - As saved, With adjusted type, With adjusted lines. Only one of the three views can be selected at a time, but you can switch between the views at any time. When you switch, your position in the file is preserved. You will find the same first character displayed in the upper left corner of the window.

The As Saved view displays the text file in the standard way, using the embedded new line characters to separate lines of text, but with the power of "fancy fonts." If a line is too long to fit in the given window with the given font, you have three choices: resize the window, change the font, or use the horizontal scroll bar (provided only in this view).

This view is good for viewing formatted text, like poetry or computer program listings. Don't forget to select a fixed pitch font, like Courier, to keep the formatting exact. If your text is most unformatted, but has occasional formatting using tab or space characters, try the "With adjusted lines" view.

## **With adjusted type**

QRead offers three views of your file - As saved, With adjusted type, With adjusted lines. Only one of the three views can be selected at a time, but you can switch between the views at any time. When you switch, your position in the file is preserved. You will find the same first character displayed in the upper left corner of the window.

The With adjusted type view displays the text as large as possible in the given window. That is, QRead automatically adjusts the type size to display the longest line in the largest type possible, within the limits of the chosen typeface. This view is good if you like things big.

The type size calculated may change when the window is resized OR when the longest line changes. As you scroll through a document, therefore, the type size may change. If this effect annoys you, you may want to use the adjusted type view to set a type size when you first open a file, and then switch to one of the other views to lock in that type size.

## With adjusted lines

QRead offers three views of your file - As saved, With adjusted type, With adjusted lines. Only one of the three views can be selected at a time, but you can switch between the views at any time. When you switch, your position in the file is preserved. You will find the same first character displayed in the upper left corner of the window.

The With adjusted lines view holds the type size constant and reformats the lines of text to fill the window. Remember that the reformatting occurs only in QRead's memory, and that no changes are made to your text file on disk. This view is good for reading books and articles in the large type sizes without having to use large windows.

QRead fills lines one word at a time, using the space character (usually) to determine the end of a word. Qread will stop filling a line if it finds a blank line, a line that begins with a space, or a line containing a tab. The reformatting will preserve the paragraph structure of your text file, therefore, if a new paragraph is denoted by a blank line, a line indented with spaces, or a line indented with a tab character. Lines containing a tab character are a special case.

When QRead finds a line (in the text file) containing one or more tab characters, it displays that line exactly AS STORED. The rationale is that someone put tabs in the text file for formatting purposes (perhaps for a table), and so QRead should try to preserve the format even if it means that a line might get clipped EVEN IN THIS ADJUSTED LINES VIEW.

The result of the algorithms described above is that QRead should handle most text files and preserve their paragraph structure and tables. If you are creating a text file to be read in QRead adjusted lines view, use blank lines or lines indented with spaces to denote paragraphs. Save the tabs for your tables.

Trivia note: QRead reformatting occurs on a page by page basis; the whole file is not reformatted at once. This causes one effect that you may find surprising. When scrolling backward, QRead may not choose the same word to begin a line as it did when you were scrolling forward. Don't worry, no words are lost.

## **Increase type size**

Choosing this menu item will increase the type size, UNLESS you are in the "With adjusted type" view. You can use the numeric key pad "+" to pump up your type size.



## **Decrease type size**

Choosing this menu item will decrease the type size, UNLESS you are in the "With adjusted type" view. You can use the numeric key pad "-" to shrink your type size.

## **Repaint**

If the display ever looks bogus, try a repaint.

## Find

Find always starts its search from the current character position which, in case you didn't know, is the character displayed in the upper left corner of the window. The search string is limited to 25 characters.

If the search string is found, QRead moves the current character position to show the found text at or near the first line, and highlights the found string. The highlighting remains on until there has been an unsuccessful search AND the display has been repainted.

## **Find Next**

The Find Next menu item is disabled until you have successfully used Find. The Find Next Search starts just after (or just before) the last successful Find.

## **Copy page to clipboard**

The clipboard provides a way to get data out of QRead. This menu item copies the contents of the window to the clipboard AS TEXT. The text is copied from the memory image of the file, so the formatting of the clipboard text will match the formatting of the original file. (Remember that if you are in the "With adjusted lines" view, the image you are viewing has been reformatted.) You can then paste the clipboard text into a receiving program for further processing, such as printing.

You can also use the Windows provided copy to clipboard functions (using PrintScreen or Alt+PrintScreen) to copy QRead data AS GRAPHICS. You can then paste the clipboard graphics into a receiving paint program to print the screen with formatting and fancy fonts.

## Place bookmark

There is only one bookmark and you use this menu item to place it just before the current character position (the character at the upper left of the window). Once you move away from the current character position, the bookmark disappears, but it is remembered and will be displayed if you choose the "Go to bookmark" menu item.

The bookmark can be remembered in a ".qfs" file. Refer to the "Store settings for file" menu item.

## **Remove bookmark**

If you tire of having a bookmark and you just can't stand the thought of having it around, use this menu item.

## **Go to bookmark**

This menu item moves to the bookmark and displays the bookmark at the top of the window.  
Trivia note: If you experiment with control panel and change your window colors you will find that the bookmark is not always the same color as the highlighted text used to show the search string.



## **Launch another QRead**

Choosing this menu item will launch another instance of QRead (which might be used to read another file). The new instance will start up using qread.ini, so its window may not look exactly like the one that preceded it.

## Launch companion App

This menu item will launch an application to be used in conjunction with QRead. For example, you can use QRead to browse through a file and then launch an editor to change the file.

The default application is the Windows editor, Notepad. Notepad will be launched with the file name of the open file as an argument.

You can change the application that will be launched, but you must edit your qread.ini file to do so. Insert a line in qread.ini to specify the application. For example, to launch the application "yourapp" with the open file name as an argument, you would add the following line to qread.ini:

```
App1=yourapp %FileName%
```

Note: The test for %FileName% is case sensitive. Hint: You might want to use this feature to print (via DOS) until I implement printing under windows.

## Fonts

Qread asks Windows for the names of all your installed fonts and displays those names in the Fonts dialog box. When you select a font, QRead finds the available sizes, or if the font is scalable, QRead uses a list of sizes from 8 to 24 points. QRead then asks the Windows font mapper for a font with the selected name, selected size, and Regular style. The result is a new, beautifully formatted display with the font you selected, usually.

The font mapper will return substitutes for certain decorative fonts. As a design decision to keep QRead lean and mean, a minimum of font information is stored, and that results in the elimination of a small number (I hope) of fonts. Let me know what you think.

## **Tabs**

Since QRead has no idea where the tabs were set when the text file was created, the Tabs dialog box allows you to recreate the settings. The tabs can be set to divide the page into columns (as might be useful for tables), or they can be set every N character positions (as might be useful for a computer program listing).

## Entry / Exit

This command brings up the Entry/Exit dialog box. The settings here control the entry and exit behavior of QRead. You can choose from the common option groups by using the right half of the dialog box, or "roll your own" group by changing the individual options on the left side.

The Entry / Exit dialog box should perhaps be marked "handle with care." Since these settings control the entry behavior of the program, if you forget what you asked for here, you can get totally confused about QRead's behavior.

For example, if you normally use QRead in the "Memory-less" mode, QRead will come up with the default settings and it will not open any files. But if you forget that you checked "Remember last" the last time you used QRead, you could get confused as to why your font, tabs, or even view mode are different from what they normally are.

If you normally use the "Remember last" mode, you expect that on entry QRead will be as it was when you left it. But if you are opening a file that has a ".qfs" file, don't forget that the stored settings in the .qfs file will override your last settings.

The "Remember many" mode is useful if you use Qread to work with lots of files and you like to customize the display of each file. But try not to be surprised when you find .qfs files all over your disk. You might even say, "I don't remember creating that file" and you would be right. QRead did! To avoid creating lots of small files, use the "store settings for file" item on the Options menu only when you need it.

I recommend choosing your favorite mode of operation for QRead and then minimizing your use of the Entry/Exit menu item. If you do get confused, you can always retrieve default settings, and custom settings from the Options menu.

## **Registration info**

This command allows you to enter your name and the key that you receive when you register your use of QRead. The info will be written to your qread.ini file. The next time you enter QRead with your registration info in qread.ini, you will bypass the registration reminder.

Save your registration letter, because if you destroy or corrupt the qread.ini file, you will have to reenter your registration info.

## **Load default settings**

Choose this menu time to revert to the default settings. The settings affected are: View mode, Font settings, and Tab settings. The bookmark is not affected.

## **Load custom settings**

If you have previously stored custom settings, you created a qread.cus file in your windows directory. This menu item loads the stored custom settings from that file. The settings affected are: View mode, Font settings, and Tab settings. The bookmark is not affected.



## **Store custom settings**

You can customize QRead by setting up your preferred environment and then choosing this menu item to store the settings. You can then use the Entry/Exit menu item to arrange for loading of the custom settings, rather than the default settings, on entry to QRead.

The default settings are good for unformatted text files, such as articles or books, so you might want to set up the custom settings for formatted files, such as poetry or computer program listings. Then you could use the hotkeys for default and custom settings when switching between the two types of files.

The custom settings are stored in the file `qread.cus` in your windows directory. The settings stored are: View mode, Font settings, and Tab settings.

## **Store settings for file**

Once you have the settings the way you like for the file that you are reading (the open file), you can store the settings by choosing this menu item. The settings are stored in a file with the same name and path name but with the ".qfs" extension. Your text file is not modified.

Whenever QRead opens a file, it checks for the associated .qfs file. If one exists, QRead will read the stored settings from the .qfs file and update the settings. The settings stored are: View mode, Font settings, Tab Settings, and bookmark.

You can set up QRead to automatically create .qfs files on close or exit (by using the Entry/Exit menu item) but this menu item allows you to explicitly create a .qfs file.

## **How to use Help**

This menu item takes you directly to the "how to" section of the Windows help program. You can also get these instructions after you are in the help program by choosing its Help menu item.

## **Help on QRead**

This menu item lets you use the hypertext features of the Windows help program to read the qread.hlp file. The same information is also available in the file qrhelp.txt if you want to print the help info and read it at a less "hyper" pace.

## About QRead

The About dialog box displays some info about QRead including the copyright message, the version number, and the name of the user licensed to use QRead.

## **Qread Command Line**

QRead will look for one argument on the command line. It will interpret the argument as a file name, and try to open the named file. This file specified on the command line takes precedence over the "open last file" setting.

## Windows Program Manager

You can create a program item for QRead in the Windows Program Manager by using the File menu, and the New menu item. If you want to create many specific program items for QRead, one for each file you typically read, here are my suggested steps.

First, make a copy of your QRead item by using the File menu, and the Copy menu item. Then use File, Properties to change the description, command line and icon. Change the description to mention the file name. Change the command line to supply the file name (using the full path name) as an argument. Finally, change the icon to the open file icon (the one with the "writing" on the book).

When you click on one of these specific program items, QRead will start up and open the specified file. If there is an associated ".qfs" file, QRead will also load the appropriate environment.

## **Deinstallation**

If you want to deinstall QRead, follow these steps. First, delete qread.exe from the directory where it "lives." Next, delete qread.ini, qread.cus, qread.hlp from your windows directory. Finally, delete all the ".qfs" files you or QRead have created.



## **What's new in this version**

Version 1.0.1 is the first version released to the public. Beta test users will observe the following changes:

The SPACE bar can now be used to do a "PageDown."

The horizontal scroll bar is reset after view mode changes.

The open continuous dialog box is placed on lower right.

You can now exit Windows with the open continuous dialog up.

