

Welcome to QDHELP version 3.0

This file contains information on new features and functionality that have been added to QDHELP. Also found here are any known problems with backward compatibility.

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Post release fixups  
Rev 3.0.1

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Fixed a bug which caused only one keyword to be put into the output .RTF file no matter how many keywords were input in the .QDH file.

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Added the /helpid command. This command allows you to tell QDHELP what the context sensitive ID for a given topic should be. Nice in case the IDs are defined by some other group or in the source code etc.

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Fix bug in QDHELP and QDREPORT. It was parsing the keywords incorrectly at every space. Keywords can contain spaces and should only be split at the semicolons.

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New Functionality included in this release:  
Rev 3.0

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Added command, the /glossarytopic command has been added. This command allows you to define a topic which will automatically be placed in a glossary generated by QDHELP.

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A new file XXXXX.DB can be generated when QDHELP is run. This file contains a database of information on each topic in your help file. It is an Ascii file and can be viewed using a editor. The real purpose of the .DB file is to allow report generation. A new pragma has been added to turn off the generation of the database file. The command /pragma nodatabase will disable the generation of the .DB file.

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Added program, a new program QDREPORT has been added to the suite of tools for use with QDHELP. QDREPORT will generate 3 different reports using the .DB file generated by QDHELP. The reports generated are Topic Report which contains informatoin about each topic you have defined, Browse Sequence

Report which shows the order or you browse sequences and Link Topic Report which shows which topics link to and are linked from a given topic.

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QDSHELL has been given a total facelift. It now uses standard MS Windows Menus and a toolbar for speedy access. You can now access QDHELP helpfile from within QDSHELLs Help menu. Also you can search for QDHELP information by cutting/copying a keyword you want to search on into the clipboard then selecting the Search for QDHELP On... menu option.

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/link command has been augmented to allow ,line option as final parameter. This takes care of the problem of the first link item in a list of items being indented less than the other links. The preferred way of generating a list of links is now

/link TOPICNAME,Text for jump,line  
/link TOPICNAME,Text for jump,line  
/link TOPICNAME,Text for jump,line

This will cause all the Text for jumps to line up correctly.

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Rev 2.0.4

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Bug fix, /keywords command can now be placed anywhere in a topic without giving a false error message.

You can place a /keywords command anywhere in a topic now. When the keywords defined in this command are searched for they will jump to the first text after the /keywords command. The search will not jump just to the start of a topic. In prior releases of QDHELP an error message was given if the /keywords command was found after the first /para command in a topic. QDHELP actually would generate the correct RTF but the error message was misleading and just plain incorrect.

Bug fix, full path of bitmap in /bitmap command was not working correctly.

Fixed code so that only the filename.bmp would be put into the .RTF file generated by QDHELP. V2.0 thru 2.0.3 would not strip off the drive and path information that was put into the .RTF file causing any /bitmap command which contained drive:\path information to work improperly.

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Rev 2.0.3

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No changes just clean up

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Rev 2.0.2

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add pragma vbheader:

The command

/pragma vbheader

will now output a file inputname.vb which can be included in the Global.bas file for Visual Basic. This file contains Global Const declarations of the context ids needed for context sensitive help.

Note: if you have VB 3.0 you can simply add the XXXX.VB file to your project. This is due to the fact that not all global declarations need to be in a single file in VB 3.0

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Bug Fix, No space after link commands.

None of the link commands put a space after the text of the hyperlink. This bug was introduced between 1.0 and 2.0.1 and is fixed here. Just as a note if you want more than one space after some link text do the following:

/para

/link TOPIC,Topic Hypertext

\ Text which follows 6 spaces after hyperlink text

/endpara

Use a backslash at the beginning of the next line of text.

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Rev 2.0.1

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output file name change:

The default for the output file name is no longer out.rtf. If no output file name is given explicitly the output file will have the same base name as the input file with the extension .rtf added. For example, if the input file is myhelp.qdh the default output file will now be myhelp.rtf.

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color text commands:

Text can now be colored using the \cfXXX command where XXX is an index between 0 and 15 which determines the color of the text. The included Windows help file shows the colors.

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auto generation of .hpj file: The .hpj file will use the same base name as the input file with a extension .hpj . To suppress the output of the .hpj file use the command /pragma nohpj

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auto generation of include file for context sensitive help:

QDHELP will automatically generate a C header file with constants for context sensitive help. The file will use the same base name as the input file with a extension of .hhh. This file can be included in the .hpj file (if you are generating a .hpj and a .hhh file the include will automatically be put in your .hpj file). It can also be included in your C source via the #include directive.

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format type for whole document:

A new command /defformat will accept both paragraph and text formatting commands. If this command is used outside a topic this will be the base format for all text in the document. All other formatting commands are applied after the default format commands. If this command is found inside a topic all the text in the topic will use this as its base formatting commands. When the topic ends so does the use of the /defformat command found inside the topic.

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format type for whole para:

The \para command now allows formatting commands for text to be included after it. This will cause all the text in that paragraph to use those formatting properties.

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support for buildtags:

The /topic command now allows arguments after the topic name. They are buildtag names.

Example:

```
/topic MYTOPIC,BUILD1;BUILD2;BUILD3
```

This sets build tags BUILD1,BUILD2 and BUILD3 for topic MYTOPIC. The use of the build tags is described in the Help Compiler manual. If you are using the -j flag and generating an .hpj file the build tags will automatically be put into the .hpj file for you. Also the BUILD option in the [OPTIONS] section will be set to the OR of all of the build tags found.

```
BUILD = BUILD1 | BUILD2 | BUILD3
```

This will cause all of the topics in the file to be built. You can, of course, change what will be built by changing the BUILD option.

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force a newline: (HC3.1 WinHelp 3.1)

Microsoft fixed the Help Compiler so it understands the \line command now. So to put newlines into the help file do the following:

Example

```
/para
    line 1 \line
    line 2 \line
    line 3 \line
    line 4 \line
/endpara
```

This will only work with the new Help Compiler and anything compiled with the new help compiler can only be used with the new version of WinHelp.

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support macro links: (HC3.1 WinHelp 3.1)

The Windows 3.1 release has a lot of new power in the help engine. QDHELP supports the new macro links (i.e. links that instead of jumping to a topic execute a macro command). The syntax is `/* Phil, what the hell` `/* is this ??`

```
/macrolink link text,macro
```

where link text is the text to press and macro is the macro to execute when link text is pressed.

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support topic macros: (HC3.1 WinHelp 3.1)

The Windows 3.1 release allows macros to be executed when a topic is jumped to. This is supported via the `/topicmacro` command.

The `/topicmacro` command is grouped with the `/keywords` `/browse` `/title` commands at the beginning of a topic. Its syntax is

```
/topicmacro macro
```

Where macro is a macro that you want executed when the topic you are defining is jumped to.

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support for .HPJ file inputs:

Since QDHELP 2.0 supports automatic generation of .HPJ files there is a whole set of commands that allow you to add information to the .HPJ file. These commands were added so that you do not have to manually edit the .HPJ file. In this way you can keep all the information you need for your help file in one place. The following commands were added:

```
/hpjmap  
/hpjoption  
/hpjconfig  
/hpjbuild  
/hpjfiles  
/hpjbitmap  
/hpjalias  
/hpjwindows  
/hpjbaggage
```

These commands are the same as the sections of the .HPJ file under Windows 3.1. You can find more information on each of these commands in the accompanying help file.

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#### New help file layout:

The source for the help files for QDHELP and QDMENU have been broken into multiple files. If you choose to work in this method using the /include command to gather all the files together you may be interested in the new browse capability added for Win 3.1 users. The command /pragma debug causes a new button to be added to the help window labeled Browse. If you press browse, and you ran the help file from the directory which contains the .QDH source, a notepad will pop up with the source file for the given topic in it. It is a very nice way to check and edit your help file. Try it, you will like it.

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Be sure to check the help file included and the source for the help file since there is much that is new and the best way to learn about it is by example.

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#### Backward compatibility Issues:

None of the Win 3.1 additions to help will be able to be compiled under the HC 3.0 Help Compiler. This is the compiler that is still being shipped with the Professional Toolkit for BASIC. You will need the 3.1 Help Compiler to take advantage of these features. But remember that help files compiled with the 3.1 Help Compiler are not useable by the 3.0 WinHelp program. Therefore if someone is still running Windows 3.0 and your help file is for 3.1 there could be problems.

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Keep making help the quick and dirty way!

Phil Allen

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