

## 3.1 Help Compiler Errors

This is a knowledge base used to interpret and explain errors and warnings output by the Windows Help Compiler version 3.1 and by the protected mode help compiler, HCP.EXE.

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### **1019 - Project file extension cannot be .HLP or .PH.**



You cannot specify a project file with an .HLP or .PH extension. Project files must use the .HPJ extension. Rename the Help project file and then recompile.



### **1030 - File name exceeds limit of 259 characters.**



The combined length of the path and file name is more than the **MS-DOS** limit of 259 characters. Shorten the path and then recompile.



## **1079 - Out of file handles.**



The Help Compiler does not have enough available file handles to continue the build.



**1100 - Cannot open file filename: permission denied.**



You do not have the required file privileges to open the requested file.



**1150 - Cannot overwrite file *filename*.**



The Help file cannot overwrite the specified file because the file has a read-only attribute. Rename the Help project file or change the read-only attribute.





### 1170 - File *filename* is a directory.



A subdirectory in the Help project root directory has the same name as the requested Help file. This is a **MS-DOS** file error. Move or rename the subdirectory and then recompile.



### **1190 - Cannot use reserved MS-DOS file *filename*.**



A file has been referred to by a reserved **MS-DOS** name such as **COM1**, **LPT2**, or **PRN**. This is a **MS-DOS** file error. Rename the file and then recompile.



**1230 - File *filename* not found.**



The specified file could not be found or is unreadable. This is a MS-DOS file error or an out-of-memory condition. Check to see if the file exists and also check the amount of available memory.



## **1292 - File *filename* is not a valid bitmap.**



The specified bitmap file could not be found or is not in a recognizable bitmap format. This is a MS-DOS file error or an out-of-memory condition. Check to see if the file exists, and if it does, check its format. If necessary, save the file again in your paint or draw program, and then recompile.



**1319 - Disk full.**



The Help file could not be written to disk. Create more space on the destination disk and then recompile.



### 1513 - Bitmap name *filename* duplicated.



The **[BITMAPS]** section contains duplicate bitmap names. The Help Compiler uses the first occurrence of the name. Rename the duplicate bitmap file names and then recompile.



### **1536 - Not enough memory to check and compress bitmap *filename*.**



The specified bitmaps cannot be compressed because of insufficient memory. If any of the specified bitmaps are segmented hypergraphics, the context strings stored in them are not checked for validity during the build.

[To use the protected mode version of the help compiler.](#)



## 2010 - Include statements nested more than 5 deep.



The **#include** statement on the specified line has exceeded the maximum of five include levels. Do not nest **#include** statements more than 5 deep.





**2030 - Comment starting at line *linenumber* of file *filename* unclosed at end of file.**



The Help Compiler has unexpectedly come to the end of the Help project file. There may be an open comment in the .HPJ file or in an included file.



## 2050 - Invalid **#include** syntax.



The correct **#include** syntax is as follows:

**#include <filename>**

Correct the syntax and then recompile.



**2091 - Bracket missing from section heading [sectionname].**



The right bracket **]** is missing from the specified section heading.  
Insert the bracket and then recompile.



## **2111 - Section heading missing.**



The section heading on the specified line is not complete. This error is also reported if the first entry in the Help project file is not a section heading.



**2131 - Invalid OPTIONS syntax: option=value' expected.**



Check the syntax of the options in the **[OPTIONS]** section.



**2141 - Invalid ALIAS syntax: context=context' expected.**



Check the syntax of the entries in the **[ALIAS]** section.



## **2151 - Incomplete line in [sectionname] section.**



The entry on the specified line is incomplete. The Help Compiler skips the line.



## **2171 - Unrecognized text.**



There is unrecognizable text following valid text. The Help Compiler ignores the line.





**2191 - Section heading [sectionname] unrecognized.**



A section heading that is not supported by the Help Compiler has been used. The Help Compiler ignores the line.



**2214 - Line in .HPJ file exceeds length limit of 2047 characters.**



HPJ file exceeds length limit of 2047 characters. There is a line in the .HPJ file that exceeds the maximum length of 2047 characters.



**2273 - [OPTIONS] should precede [FILES] and [BITMAPS] for all options to take effect.**



It is recommended that the **[OPTIONS]** section be the first section of the .HPJ file so that all the options will take effect. Also, if the ERRORLOG option is used, it should be the first line in the **[OPTIONS]** section.



**2291 - Section *sectionname* previously defined.**



A duplicate section has been found in the Help project file. The Help Compiler ignores the lines under the duplicated section and continues from the next valid section heading.



**2305 - No valid files in [FILES] section.**



The file section is either empty or contains only invalid files.



## 2322 - Context string *context\_name* cannot be used as alias string.



A context string that has been assigned an alias cannot be used later as an alias for another context string. That is, you cannot map **a = b** and then **c = a** in the **[ALIAS]** section. The Help Compiler ignores the attempted reassignment on this line.



### **2331 - Context number already used in [MAP] section.**



The context number on the specified line in the Help project file was previously mapped to a different context string. The Help Compiler ignores the line.



## **2341 - Invalid or missing context string.**



The specified line is missing a context string before an equal sign.





## **2351 - Invalid context identification number.**



The context number on the specified line is empty or contains invalid characters.



## 2362 - Context string *context\_name* already assigned an alias.



A context string can only have one alias. That is, you cannot map **a = b** and then **a = c** in the **[ALIAS]** section. The specified context string has already been assigned an alias in the **[ALIAS]** section. The Help Compiler ignores the attempted reassignment on this line.



**2372 - Alias string *aliasname* already assigned.**



You can't alias an alias. An alias string cannot, in turn, be assigned another alias. That is, you cannot map **a = b** and then **b = c** in the **[ALIAS]** section. The Help Compiler ignores the attempted reassignment on this line.



**2391 - Limit of 6 window definitions exceeded.**



The maximum number of window definitions is one main window definition and five secondary window definitions.



## **2401 - Window maximization state must be 0 or 1.**



The value of the fMax variable in the window attribute specification in the .HPJ file is something other than 0 or 1. Correct the entry and then recompile.



## 2411 - Invalid syntax in window color.



The correct syntax for the text and background color is:

**(rrr, ggg, bbb)**

Correct the syntax and then recompile. For information on setting the window color, please see "Defining Window Attributes" in the Help Compiler documentation.



## 2421 - Invalid window position.



The correct syntax to indicate the predefined window position is:

**(x, y, DX, dy)**

The Help Compiler ignores this line, and the window does not have a predefined position. For more information, please see "Defining Window Attributes" in your Help Compiler documentation.



## **2431 - Missing quote in window caption.**



The value of the caption attribute for the window definition in the .HPJ file is not enclosed in quotation marks. Correct the syntax and then recompile.





**2441 - Window name *windowname* is too long.**



The window name exceeds the maximum length of 8 characters.



**2451 - Window position value out of range 01023.**



One or more of the window position coordinates (**X, Y, X + dX, or [Y+dY]**) exceed the maximum position value of 1023.



## **2461 - Window name missing.**



The window specification in the .HPJ file is missing the window name.



### **2471 - Invalid syntax in [WINDOWS] section.**



The entry for a main or secondary window is incorrect. The Help Compiler ignores the window entry. Check the window entry syntax and then recompile.



## **2481 - Secondary window position required.**



The **X**, **Y**, **dX**, and **dY** entries for the secondary window definitions must be specified in the .HPJ file.



## 2491 - Duplicate window name *windowname*.



There are duplicate window names in the .HPJ file. Check the uniqueness of each member name and then recompile.



**2501 - Window caption *windowcaption* exceeds limit of 50 characters.**



The caption for the window exceeds the limit of 50 characters.



## 2511 - Unrecognized option *optionname* in [OPTIONS] section.



An option has been used that is not supported by the compiler. The Help Compiler skips this line.





**2532 - Option *optionname* previously defined.**



The specified option has been defined on a previous line. The Help Compiler ignores the attempted redefinition.



**2550 - Invalid path *pathname* in *optionname* option.**



The Help Compiler cannot find the path specified by the ROOT option. The Help Compiler uses the current working directory.



**2570 - Path in *optionname* option exceeds number of characters.**



The path specified by the ROOT option exceeds the MS-DOS maximum limit. The Help Compiler ignores the path and uses the current working directory.



## 2591 - Invalid MAPFONTSIZE option.



The font range syntax is invalid. The correct syntax is **m[-n]:p**.

## **2612 - Maximum of 5 font ranges exceeded.**



The maximum number of font ranges that can be specified is five. The Help Compiler ignores any additional ranges.



## **2632 - Current font range overlaps previously defined range.**



A font size range overlaps a previously defined mapping. The Help Compiler ignores the second mapping. Adjust one or both of the font ranges to remove any overlaps.



## **2651 - Font name exceeds limit of 20 characters.**



Font names cannot exceed 20 characters. The Help Compiler ignores this line.



## **2672 - Unrecognized font name *fontname* in FORCEFONT option.**



The Help Compiler has encountered a font name that it does not support. The Help Compiler ignores the font name and uses the default Helvetica font.





## 2691 - Invalid MULTIKEY syntax.



The Help Compiler does not recognize the syntax used in a **MULTIKEY** option. The valid syntax is **MULTIKEY = char**, where char is any capital letter other than "K."



## **2711 - Maximum of 5 keyword tables exceeded.**



The limit of five keyword tables has been exceeded. The Help Compiler ignores the additional tables. Reduce the number of tables and then recompile.



## **2732 - Character already used.**



A character used for indicating the keyword table (MULTIKEY = char) was previously used. The Help Compiler ignores the entry.



**2752 - Characters K' and k' cannot be used.**



These characters are reserved for Help's normal keyword table. Choose another character, and then recompile.



**2771 - REPORT option must be ON' or OFF'.**



The **REPORT** option must be either **True, 1, ON, YES, False, 0, OFF, or NO**. Correct the entry and then recompile.



**2811 - OLDKEYPHRASE option must be ON' or OFF'.**



The **OLDKEYPHRASE** option must be either **True, 1, ON, YES, False, 0, OFF, or NO**. Correct the entry and then recompile.



**2832 - COMPRESS option must be OFF', MEDIUM' or HIGH'.**



The **COMPRESS** option must be **either 1, YES, ON, True, HIGH, MEDIUM, 0, NO, OFF, or False.** Correct the entry and then recompile.



**2842 - OPTCDROM option must be TRUE' or FALSE'.**



The **OPTCDROM** option must be either **True** or **False**. The Help Compiler defaults to **False**. Correct the entry and then recompile.





## 2852 - Invalid **TITLE** option.



The **TITLE** option defines a string that is empty or contains more than 32 characters. The Help Compiler truncates the title.



## **2872 - Invalid LANGUAGE option.**



You have specified an ordering that is not supported by the compiler. The Help Compiler defaults to U.S. sort ordering.



### **2893 - Warning option must be 1, 2, or 3.**



The warning reporting level can be set only to 1, 2, or 3. The Help Compiler defaults to full reporting (level 3).



**2911 - Invalid icon file *filename*.**



The Help Compiler cannot find the icon file specified in the **ICON** option, or the file is not a valid icon file.



## **2932 - Copyright string exceeds limit of 50 characters.**



The maximum length of the copyright string in the About box is 50 characters. The Help Compiler truncates the string.



### **3011 - Maximum of 32 build tags exceeded.**



The maximum number of build tags that can be defined is 32. The Help Compiler ignores the additional tags.



### **3031 - Build tag length exceeds 32 characters.**



The build tag on the specified line exceeds the maximum of 32 characters. The Help Compiler skips this entry.



**3051 - Build tag *tagname* contains invalid characters.**



Build tags can contain only alphanumeric characters or the underscore `_` character. The Help Compiler skips this line.





### **3076 - [BUILDTAGS] section missing.**



The BUILD option declared a conditional build, but there is no [BUILDTAGS] section in the Help project file. The Help Compiler includes all topics in the build.



### **3096 - Build expression too complex.**



The build expression has too many expressions ("~", "|" or "&") or is too deeply nested.



### **3116 - Invalid build expression.**



The syntax used on the specified line of the build expression contains one or more logical or syntax errors.



### **3133 - Duplicate build tag in [BUILDTAGS] section.**



A build tag in the [BUILDTAGS] section has been repeated unnecessarily.



### **3152 - Build tag *tagname* not defined in [BUILDTAGS] section.**



The specified build tag has been assigned to a topic, but not declared in the Help project file. The Help Compiler ignores the tag for the topic.



### **3178 - Build expression missing from project file.**



The topics have build tags, but there is no BUILD = expression in the .HPJ file. The Help Compiler includes all topics in the build.



**3511 - Macro *macrostring* exceeds limit of 254 characters.**



The macro string exceeds the maximum limit of 254 characters.



### 3532 - Undefined function in macro *macroname*.



The specified macro is not on the list of macros supported by the compiler, nor is it specified in the RegisterRoutine(). The Help Compiler nonetheless passes the macro to the .HLP file.





**3552 - Undefined variable in macro *macroname*.**



The macro contains a variable that is not recognized by the compiler.



**3571 - Wrong number of parameters to function in macro *macroname*.**



There are too many or too few parameters in the macro.



**3591 - Syntax error in macro *macroname*.**



The syntax of the macro is invalid.



**3611 - Function parameter type mismatch in macro *macroname*.**



There is a type mismatch (string or numeric) in the function call.



### **3631 - Bad macro prototype.**



The prototype string passed to RegisterRoutine is invalid.



### **3652 - Empty macro string.**



The "!" footnote or a hidden text starting with "!" does not contain a macro.



#### **4011 - Context string *contextname* already used.**



The specified context string was previously assigned to another topic. The Help Compiler ignores the latter string, and the topic has no identifier.



#### **4031 - Invalid context string** *contextname*.



The context string footnote contains non-alphanumeric characters or is empty. The Help Compiler does not assign the topic an identifier.





#### **4056 - Unresolved context string specified in CONTENTS option.**



The Contents topic defined in the Help project file could not be found. The Help Compiler uses the first topic in the build as the Contents.



#### **4072 - Context string exceeds limit of 255 characters.**



The context string hidden text cannot exceed 255 characters. The Help Compiler ignores the string.



#### **4098 - Context string(s) in [MAP] section not defined in any topic.**



The Help Compiler cannot find a context string listed in the [MAP] section in any of the topics in the build. The Help Compiler ignores the entry.



### **4113 - Unresolved jump or pop-up *contextname*.**



The specified topic contains a context string that identifies a nonexistent topic. Check the topic for spelling errors in the context string, and also check to see if the requested topic is included in the build.



#### **4131 - Hash conflict between *contextname* and *contextname*.**



The hash algorithm has generated the same hash value for both of the listed context strings. Change either of the context strings and then recompile.



**4151 - Invalid secondary window name** *windowname*.



The window name for the secondary window is "main" or another disallowed member name.



## **4171 - Cannot use secondary window with pop-up.**



The hidden text defining the pop-up identifier contains a secondary window name.



## **4196 - Jumps and lookups not verified.**



Due to the low memory conditions, the build is continued without the jump and keyword validity verification.





#### **4211 - Footnote text exceeds limit of 1023 characters.**



The footnote text cannot exceed the limit of 1023 characters. The Help Compiler ignores the footnote.



**4231 - Footnote text missing.**



The specified topic contains a footnote that has no characters.



## **4251 - Browse sequence not in first paragraph.**



The browse-sequence footnote is not in the first paragraph of the topic. The Help Compiler ignores the browse sequence.



#### **4272 - Empty browse sequence string.**



The browse-sequence footnote for the specified topic contains no sequence characters.



## **4292 - Missing sequence number.**



A browse-sequence number ends in a colon (:) for the specified topic. Remove the colon, or enter a "minor" sequence number and then recompile.



#### **4312 - Browse sequence already defined.**



There is already a browse-sequence footnote for the specified topic. The Help Compiler ignores the latter sequence.



**4331 - Title not in first paragraph.**



The title footnote (\$) is not in the first paragraph of the topic. The topic will not have a topic title string.



## **4352 - Empty title string.**



The title footnote for the specified topic contains no characters. The Help Compiler does not assign the topic a title.





#### **4372 - Title defined more than once.**



There is more than one title footnote in the specified topic. The Help Compiler uses the first title string.



#### **4393 - Title exceeds limit of 128 characters.**



The title for the specified topic exceeds the limit of 128 characters. The Help Compiler ignores the additional characters.



**4412 - Keyword string exceeds limit of 255 characters.**



The keyword string exceeds the maximum limit of 255 characters.



## **4433 - Empty keyword string.**



There are no characters in the keyword footnote.



## 4452 - Keyword(s) defined without title.



The topic has a keyword assigned to it, but no title. The topic will appear as ">>**Untitled Topic**<<" in the history list and in the keyword search dialog.



#### **4471 - Build tag footnote not at beginning of topic.**



The build tag footnote marker, if used, has to be the first character in the topic.



#### **4492 - Build tag exceeds limit of 32 characters.**



A build tag for the specified topic exceeds the maximum of 32 characters. The Help Compiler ignores the tag for the topic.



## **4551 - Entry macro not in first paragraph.**



The "!" footnote (for running a macro) is not in the first paragraph of the topic. The Help Compiler ignores the macro.





**4616 - File *filename* is not a valid RTF topic file.**



The specified file is not an RTF file. Check to make sure that you have saved the topic file as RTF from your word processor.



#### **4639 - Error in file filename at byte offset 0x%IX.**



The specified file contains unrecognized RTF at that byte offset.

This message should not appear if you are using Microsoft Word for Windows, Microsoft Word for MS-DOS, or Microsoft Word for the Macintosh.. Check the RTF syntax and then recompile. If you are using Microsoft Word for the Macintosh, transfer the file to the PC again, and then recompile.



**4649 - File filename contains more than 32767 topics.**



The maximum number of topics allowed in one RTF file is 32767.



## **4652 - Table formatting too complex.**



The Help Compiler encountered a table with borders, shading, or right justification. Remove the unsupported formatting and then recompile.



## **4662 - Side-by-side paragraph formatting not supported.**



The side-by-side paragraph formatting is not supported in WinHelp in Windows version 3.1. The Help Compiler ignores the side-by-side text. If you are using WinHelp in Windows 3.1, use the table feature.



**4671 - Table contains more than 32 columns.**



The maximum number of columns in one table is 32. Some word processors may have different limits for the number of columns supported.



#### **4680 - Font fontname in file filename not in RTF font table.**



A font not defined in the RTF header has been entered into the topic. The Help Compiler uses the default system font.



## **4692 - Unrecognized graphic format.**



The Help Compiler supports only Windows bitmaps and metafiles. The Help Compiler ignores the graphic. Make sure that you have not used Macintosh picture formats.





## **4733 - Hidden page break.**



The page break was found as a part of the hidden text. A page break formatted as hidden text will not separate two topics.



### **4753 - Hidden paragraph.**



A paragraph marker was found in the hidden text. The Help Compiler ignores the paragraph marker.



#### **4763 - Hidden carriage return.**



A carriage return was found in the hidden text. The Help Compiler ignores the carriage return.



**4774 - Paragraph exceeds limit of 64K.**



A single paragraph has more than 64K of text or 64K of graphics.



## **4792 - Nonscrolling region defined after scrolling region.**



A paragraph that was authored as "keep with next" is not the first paragraph in the topic. The Help Compiler ignores the "keep with next" attribute, and the paragraph is treated as regular text and will be part of the regular topic text.



## **4813 - Nonscrolling region crosses page boundary.**



The "keep with next" paragraph formatting crosses a page break boundary.



### **5035 - File filename not created.**



There are no topics to compile, or the build expression is False for all topics. The Help Compiler does not create a Help file.



## 5059 - Not enough memory to build Help file.



To free up memory, unload any unneeded applications, device drivers, and memory-resident programs. [More Detail Available.](#)



- If you have large pictures embedded (i.e. not [bm?](#) help graphic references) in your help project, you must [convert these to help graphic references](#) and compile again.
- If you are using HC31.EXE or HC30.EXE, you may not have enough memory to compile the project. For HC30.EXE, try compiling from a DOS prompt or consider converting to a 3.1 compatible project and compiling with HCP.EXE.
- Try choosing the [protected mode version of the help compiler](#), HCP.EXE.



**To use the protected mode version of the help compiler.**

1. Choose Setup Project from the File menu.
2. In the box labeled Help Compiler, type or select HCP.EXE.
3. Click the OK button.
4. Make your project again.

## To Convert an Embedded Picture

1. Use the mouse to click once on the embedded picture you'd like to convert.
2. Do one of the following:
  - Using the mouse click on the Graphic (crayon) tool in the RoboHelp tool palette.
  - Using the keyboard, choose Help Graphic from the Insert menu (Alt, I, G) or use the keyboard shortcut Ctrl+G.
- . Do one of the following:
  - To save the document in the current drive and directory, type a name of up to eight characters in the File Name box.
  - Note: RoboHelp 2.0 automatically adds a .BMP extension to a bitmap file and a .WMF extension to a Windows metafile unless you specify a different extension of up to three characters.
  - To save the document in a different drive or directory, do the following:
    - i. In the Drives box, select a drive.
    - ii. In the Directories box, select a directory.
    - iii. In the Quick Change box, select a directory commonly used to store graphics files.
    - iv. Type the filename or the complete path in the File Name box.
- . Choose the OK button.



**5075 - Help Compiler corrupted. Please reinstall HC31.EXE.**



Please reinstall HC31.EXE. The virus checking code has detected a corruption in the Help Compiler. Reinstall the Help Compiler from the original source disk.



## **5098 - Using old key-phrase table.**



Maximum compression can only result by deleting the .PH file before each recompilation of the Help topics or by setting the OLDKEYPHRASE option to 0.



**5115 - Write failed.**



Write to disk failed.

Contact Microsoft Product Support Services.

