

The HelpChek Engine is designed to assist Developers, Testers and Help Authors in “Checking Help” works and finding/fixing topic and context strings.

When Help is opened (F1 pressed) the HLP Topic Context-String is send to DebugView(). If the Clarion HLP() topic is not in the CHM file then no page opens in the help viewer and there is no way to tell what Topic was attempted. This debug info can be used to change the CHM file topic and not have to change the source code.

```
DebugView on \\DESKTOP-V8IDAIE (local)
File Edit Capture Options Computer Help
[Icons]
# Time Debug Print
1 1.9580... [10024] ChekHelp HCMD_SHOWTOPIC ~settingbreakpoints.htm DEVCON17.CHM
```

If Ctrl+Shift is held down while Help is opened the HelpChek Window is opened showing all Controls with HLP() on the window. Each row can be double-clicked on to open that Help and verify it works. This will also let a Help Author see what HLP has been assigned by the Developer.

In the below example Window each TAB has Help with a #Bookmark

Test Each Tab has Help and few Others

Procedures | Globals | Stack | Source | Disassembly

Help Chek: WINDOW("Test Each Tab has Help and few Others ") ☐

Help | Tree | Full Tree | Debug Double Click to Open Help. Ctrl+C to Copy 1 line, +Shift All.

Type	Label	Text	Help
WINDOW	Window	Test Each Tab has	~TheDebuggerWindows.htm
TAB	?TAB1	Procedures	~TheDebuggerWindows.htm#Procedures
ENTRY	?ENTRY1	s20	~settingbreakpoints.htm
GROUP	?GROUP1	Has Help on Runnin	~RunningTheProgram.htm
OPTION	?OPTION1	Option - StartingThe	~StartingTheDebugger.htm
TAB	?TAB2	Globals	~TheDebuggerWindows.htm#Globals
TAB	?TAB3	Stack	~TheDebuggerWindows.htm#Stack
TAB	?TAB4	Source	~TheDebuggerWindows.htm#Source
TAB	?TAB5	Disassembly	~TheDebuggerWindows.htm#Disassembly
CHECK	?CHECK5BAD1	Bad HLP Page	~ThisHLPdoesNOTexist.htm
CHECK	?CHECK5BAD2	Bad HLP Bookmark	~TheDebuggerWindows.htm#SourceBADDD

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Help | Tree | Full Tree | Debug

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WINDOW	Window	Test Each Tab has	~TheDebuggerWindows.htm
TAB	?TAB1	Procedures	~TheDebuggerWindows.htm#Procedures
ENTRY	?ENTRY1	s20	~settingbreakpoints.htm
GROUP	?GROUP1	Has Help on Running	~RunningTheProgram.htm
OPTION	?OPTION1	Option - Starting The	~StartingTheDebugger.htm
TAB	?TAB2	Globals	~TheDebuggerWindows.htm#Globals
TAB	?TAB3	Stack	~TheDebuggerWindows.htm#Stack
TAB	?TAB4	Source	~TheDebuggerWindows.htm#Source
TAB	?TAB5	Disassembly	~TheDebuggerWindows.htm#Disassembly
CHECK	?CHECK5BAD1	Bad HLP Page	~ThisHLPdoesNOTexist.htm
CHECK	?CHECK5BAD2	Bad HLP Bookmark	~TheDebuggerWindows.htm#SourceBADDD

Adding to an APP is simple.

You need the CbHelpEngChek.INC and .CLW files in the project folder or Libsrc

In the Global Embeds add the INC and Define an Object:

```
!"Help Chek" shows HLP topic in DebugView plus Ctrl+Shift+F1 opens Chek Window
    INCLUDE('CbHelpEngChek.inc'),ONCE
HelpChekCls      CbHelpChekClass
```

In an early CODE embed use code like below. It is suggested to only run this internally so find a file, folder, registry or something. Below example assumes the file HELPCHEK.TXT will be present to use this:

```
IF EXISTS('HelpChek.TXT') THEN
    HR# = HelpChekCls.Init('YourHelp.CHM', True )
    IF HR# THEN Message('HelpChekCls.Init failed Result = ' & HR# &'||File='&
HelpChekCls.ChmFileName ).
ELSE
    HELP('YourHelp.CHM')           !Not needed if Templates set HELP()
END
```

You must do the above after the templates set the HELP() or it will override the above. Appgen has a bug that you cannot leave the APP Help File name blank, it will change blank to “.HLP”.