

HoldOpen v3.21 for Win32

Program Description	<p>The HoldOpen utility, part of the Btrieve Administrators Resource ToolKit, is very simple – it takes a list of data files and opens them up until the user exits the program.</p> <p>Holding files open may be necessary to resolve problems with files that were in continuous operations when the server crashed. It can also be used to increase security on the files and prevent workstation engines or Microsoft Word (or other desktop applications) from accessing the data files. Finally, the /C switch can act as a whitelist feature for the Backup Agent.</p>
Platform and Package	Win32 Console; Btrieve Utilities Resources & Tools; GSLic
Pricing	\$100 Single-User; \$250 Site License
Command Line Syntax and Help Screen	<p>HoldOpen Version 3.21: 10/09 (C)2015 Goldstar Software Inc.</p> <p>Usage: HOLDOPEN <target> [/N#] [/R#] [/C] [/T]</p> <p>This command opens the list of files and then waits. <target> can be either a file list (compatible with ContOps) or a filespec with wildcards. The /N# switch tells HoldOpen to open # handles to each file. The /R# switch tells HoldOpen to close & re-open all files every # seconds. The /C switch tells HoldOpen to exit immediately after opening the files. This closes the files, but can be used as a Backup Agent "whitelist." The /T switch tells HoldOpen to use a new TaskId for each Open Call.</p>
Examples and Sample Usage	<p>The HoldOpen program accepts a list of file pathnames, in a format identical to that used by the continuous operations command, BUTIL -STARTBU. Once the command is executed, the program loops until Esc is pressed, at which time the files are closed and the program exits.</p> <p>HoldOpen Version 3.2: 10/09 (C)2007 Goldstar Software Inc.</p> <pre>Opening Data Files from List in list.txt... Opening <c:\pvsw\demodata\person.mkd>: OK Opening <c:\pvsw\demodata\class.mkd>: OK Opening <c:\pvsw\demodata\junk.ttt>: Status 12 Opened 3 Files Press Esc to Close Files & Exit.</pre> <p>Note the “file not found” error (Status 12) reported in the above example. Since the BUTIL command will not tell you on which file the command failed, you can use HoldOpen as a way to validate your STARTBU file list.</p> <p>An alternative use for HoldOpen, if you do not have a file list, is to use wildcards. Whenever an asterisk or question mark is found in the target, it will assume that this is a wildcard definition and use the filespec instead, so this is also a valid form of the command: HOLDOPEN *.*</p> <p>To use this as a whitelist feature for the Backup Agent, put a list of the files you wish to always back up in a text file, then call HoldOpen with the /C option. This will cause HoldOpen to open each file in the list, then exit immediately, closing the files. Since each file has now been opened, the Backup Agent puts each file into continuous mode automatically.</p> <p>The /N switch allows you to test applications or the database engine with numerous copies of a file open (many thousands, even). The /T switch, when used with /N, will create a new task ID for each new file opened. For these test options, use a single file name for best results.</p>

One side-effect of HoldOpen is that the timestamps of each data file may not be properly updated when the Use System Cache setting is disabled. Adding the /R switch (and specifying a reopen interval) will force HoldOpen to close all of the data files every # seconds and re-open them again. To reopen files every hour, use /R3600 on the command line.

Other Information

HoldOpen is part of the Btrieve Administrators Resource ToolKit.

For more information on these utilities contact us at www.goldstarsoftware.com

Version History

Version 2.0: First documented version.

Version 2.1: Added /C switch functionality.

Version 2.2: Added /N# switch to test handle problems in UAPI.

Version 2.3: Added /T switch to test client problems in UAPI.

Version 3.0: Added GSLic capability; Created Evaluation Download, limited at 30 tables.

Version 3.1: Added /R switch to periodically close and re-open files, allowing timestamps to get updated.

Version 3.2: Added wildcard support.

Version 3.21: Updated licensing code.

Known Problems

None.