

# MoveRecs v2.52 for Win32

## Program Description

The MoveRecs application allows you to either move or copy database records from one Btrieve data file to another. During this process, the source records are properly locked to prevent users from accessing the records as they are moved.

One useful option is the ability to copy only missing records – helpful if a data file corruption results in lost records, yet most of these records can be recovered from another file on backup.

## Platform and Package

Win32; Btrieve Utilities, Resources & Tools; GSLic

## Pricing

\$100 Single-User; \$250 Site License

## Command Line Syntax and Help Screen

MoveRecs Version 2.52: 06/08 (C)2026 Goldstar Software Inc.

Usage: MOVERECS SrcFile DestFile [/options]

This command moves records from one Btrieve File to another by locking a record, inserting it to the new file, then deleting the original.  
Use /5 to ignore Status 5's on the Insert operations.  
Use /A to ONLY check for missing AUTOINC Keys on the specified key.  
Use /C to COPY instead of MOVE records (skips the Delete operation).  
Use /DEL to DELETE instead of MOVE records (skips the Copy operation).  
Use /FByyyy-mm-dd to filter records BEFORE the specified DATE field.  
Use /FAyyyy-mm-dd to filter records AFTER the specified DATE field.  
Use /FEyyyy-mm-dd to filter records EQUAL to the specified DATE field.  
Use /H<date> to process a Highland Lakes Archive.  
Use /I# to initialize new bytes to a given value.  
Use /K# to specify a key number (or -1) to traverse (Def=0).  
Use /L# to change the length to # bytes on Insert.  
Use /N# to copy only # records.  
Use /O# to specify archive field Offset (with /F/H/X).  
Use /R to copy in reverse order (starting at end).  
Use /U to only move records that do not exist in DestFile (slow).  
Use /X<date> in format YYYYMM to process an AOD Archive.  
Use /D to enable DEBUG mode.

## Examples and Sample Usage

The basic form of the MoveRecs command line simply moves all records from the source file to the destination file:

```
MOVERECS ORIGFILE.BTR NEWFILE.BTR
```

In addition to this, the following command-line options are available:

/5 (Ignore Status 5's): This option allows you to ignore any duplicate key messages that may appear when inserting data to the target file. This can happen when data is being copied from an older copy of a file into a newer one, and you want it to ignore the duplicates and yet still remove the data from the source file. If you omit this option and get a Duplicate Key Status code 5 back on the insert, then the source record is NOT deleted. This can also be used to to recover data from a backup copy after a file corruption.

/A (AutoInc Check): This option was added to make MoveRecs function as a "missing autoinc key value detector". This works ONLY if the AutoInc Key is a 4-byte IDENTITY field. Be sure to specify the key number with the /K switch. If missing, Key 0 will be assumed. Running MoveRecs with this option will NOT move records, but will only scan the file looking for any missing AutoInc key values, displaying the ranges of missing values. This can be useful for data file recovery efforts where missing records are detected in the rebuilt file, but you need to find the missing data.

/B (Big Record Skip): This incarnation of MoveRecs supports a maximum record size of 60000 bytes. Normally, MoveRecs will terminate if a record over this size is

encountered, to avoid breaking anything. Add the /B option on the command line to simply skip over any of these big records. (It is possible to still move those records with a BUTIL -SAVE/-LOAD combination, and then use Function Executor to delete them from the source file.)

/C (Copy): The default operation of MoveRecs is to move records, which deletes them from the source file after inserting them into the destination. This switch eliminates the delete operation, resulting in a copy instead of a move. It is similar to a BUTIL -COPY, but also supports the /N and /K switches.

/DEL (Delete): This is the reverse of the Copy option, which tells MoveRecs to only delete the records, instead of inserting them into the second file. This can be used to perform tests on deleting records.

/F (Filter Records): The /F option is a powerful way to archive data from any Btrieve file based on a specified DATE field. Using the /F option requires that you ALSO specify the /O option to provide the offset of the DATE field being checked. There are three options available:

/FB (Filter Before): This option filters data records that are BEFORE the specified date value. This makes it possible to archive records from a production file into an archive file.

/FA (Filter After): This option filters data records that are AFTER the specified date value. This can be useful if you want to first rename the existing file, clone a new file, and then move ONLY the current records to the new file. While this seems backwards, it results in a smaller production file and also makes it easier to shrink the archived data file.

/FE (Filter Equal): This option filters data records that are EQUAL TO the specified date value only. This can be helpful if you have records with a known bad date in the system and you just want to extract them to a separate file.

Note that the date specified with the /F option MUST be in the format of YYYY-MM-DD. However, there is NO validation performed on the data, so it is perfectly valid to search for dates like 1990-20-45. This makes it possible to move records with invalid DATE values into a new file.

/I# (Initialize New Bytes): The /I# option is only meaningful in conjunction with the /L switch. Use the /I switch to specify the new value for each byte added to the data structure. You can provide any value from 0 (default) through 255.

/K# (Key Number to Traverse): This option informs the application to access records based on the specified key path. When used with the /N option, this switch can remove the oldest N records (i.e. by a date key) from a data file. The /R can be used in conjunction with this switch to scan in reverse order, starting at the end of a key. Specify -1 to work by physical order. Key 0 is the default.

/L# (Length): This option sets the new length of the record to a fixed value prior to inserting into the target file. This is useful for migrating data from a smaller record structure file to a larger record structure (such as when adding fields). Use the /I switch to set the value of each new byte added. New bytes are added ONLY at the end of the record structure, and are initialized with the value provided by the /I option (usually 0x00).

/N# (Number of Records): This option specifies the number of records to move. If omitted, MoveRecs will move all records. This can be useful to “unload” or

archive data from an active file while users are using it.

/O# (Offset): This option specifies the offset of the archiving field and is required for the /F, /H, or /X options. Be sure to double-check this value, as incorrect data entry here could really mess with your data!

/R (Reverse): This option forces MoveRecs to read the source file starting at the end of the key indicated and work in reverse order, which can make it possible to move only the newest records (given a valid key).

/U (Unique Records Only): This switch informs the program to copy only records that do not currently exist in the target. This switch activates a linear scan on the destination file, so it will be slower as the destination file gets larger. When checking a record, since it cannot determine a valid key to use, it does a full byte-wise comparison between the two records. This is useful for restoring data from a backup after a file corruption causes some data loss of older records when a unique key is NOT available.

The /H and /X options implement custom Archive functions and should not be used except by users of the specified applications. Contact Goldstar Software for specifics if needed.

## **Other Information**

MoveRecs is part of the Btrieve Utilities, Resources & Tools toolkit.

For more information on these utilities contact us at [www.goldstarsoftware.com](http://www.goldstarsoftware.com)

## **Version History**

Version 1.2: First documented version

Version 1.3: Added support for the /R and /5 options.

Version 2.0: Recompiled as Win32; Added GSLic capabilities; Added Highland Lakes option.

Version 2.1: Added the /A option.

Version 2.2: Added the ability to write data to larger target files with /L and /I.

Version 2.3: Fixed problems with key buffer and the twirly. Added custom /X function.

Version 2.4: Added /O option for Archive users. Allowed /K option to specify key on AutoInc scan. Improved help screen.

Version 2.41: Updated licensing code.

Version 2.50: Added ability to check a DATE field and archive based on that.

Version 2.51: Added the /B switch, and updated the counter display at the end to provide additional feedback on what work was accomplished.

Version 2.52: Added the /DEL option to delete records instead of moving them.

## **Known Problems**

This version of MoveRecs cannot handle records larger than 60000 bytes. This may be addressed in the future (if required) through the addition of chunking operations.

Owner names are not currently supported. If you need owner name support, please let us know, or remove the owner name from the file before running.