

# FixMemo v2.21 for Win32

## Program Description

FixMemo provides a quick way of handling problems with the Clarion method of storing Memo fields. Clarion does not store the memo field in the same table. Instead, it stores it in a separate table, and it includes the 4-byte Btrieve Position value from the primary file as the first field. Of course, the position information should never be used in this way, and whenever a file is rebuilt, either for DataExchange, a file recovery, or conversion to a different format, the memo fields are all completely lost afterwards. FixMemo takes the old and new primary tables and updates the memo file's record pointer to point to the same record in the new file. This tool relies on the use of a UNIQUE key from the original file. By default, this tool assumes that Key 0 is the unique key, but this can be changed if needed. This tool can also optionally delete any orphaned records (i.e. memo records that point to invalid locations inside the original file) that it finds.

## Platform and Package

Win32 Console; Btrieve Utilities, Resources & Tools; GSLic

## Pricing

\$100 Per Site Shareware; \$200 Site License; Call for Distribution Licenses

## Command Line Syntax and Help Screen

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Usage: FIXMEMO OldNoteFile NewNoteFile MemoFile [/D]

This program scans the MemoFile and fixes up pointers to the Note tables, using the position in the table to look up the old record, then finding this record in the new file and updating the table with the new position. Use the /K# option to specify the Key Number (Default=0). Use the /P option to purge orphaned Memo records. Use the /S option to disable Status reporting. Use the /D option to enable DEBUG mode.

## Examples and Sample Usage

To fix the invalid pointers after a rebuild, the original file must still be available. Provide three filenames as parameters, with the old primary table first, the new primary table second, and the Clarion-created memo table third.

```
FIXMEMO OLDNOTE.DAT NOTE.DAT NOTEMEM.DAT
```

If your unique field is not key 0, then you can specify the unique key by adding the /K# option, as in this example:

```
FIXMEMO OLDNOTE.DAT NOTE.DAT NOTEMEM.DAT /K3
```

You can confirm the unique key number through BUTIL -STAT before running the process.

When the process completes, you will see 4 numbers. These values indicate the number of Memo records that were actually analyzed, the number of Memo records that were updated to the new position values, the number of records that were skipped (because they were orphans or the old record didn't exist, i.e. they were new), and the number of records that were purged as part of the orphan clean-up process.

## Other Information

Goldstar Software can provide customized changes or other options to this program to registered users upon request. For more information, contact Goldstar Software Inc. at [www.goldstarsoftware.com](http://www.goldstarsoftware.com)

## Version History

Version 1.0: First documented version

Version 2.0: Added GSLic capability.

Version 2.10: Added ability to specify key number, length, and offset.

Version 2.20: Updated code to retrieve key length/offset from the key itself, and to improve post-process reporting.

Version 2.21: Updated licensing code.

### **Known Problems**

This utility can be destructive to a MEMO file! You should never run it without having a full backup and knowing exactly what options to use.