

AlterUNF v2.01 for Win32

Program Description

The AlterUNF program was created to help people make minor changes to Btrieve data structures without writing a complete conversion program. After exporting the data to a UNF file, the UNF file can be modified slightly, adding bytes or removing bytes as needed. Then, the Btrieve file can be loaded into the Maintenance Utility & also modified slightly. When the new file is created, the UNF file will be ready to load into it.

Another function of ALTERUNF is to scan a UNF file for bad-length records. Adding the /C switch, this program will output all records of length NumBytes to the target file, and send all other records to stdout, where they can be captured into a second file for analysis. This allows you to quickly strip a UNF file of bad records due to data corruption errors.

Platform and Package

Win32; Btrieve Utilities, Resources & Tools; GSLic

Pricing

\$50 Single-User License; \$100 Site License

Command Line Syntax and Help Screen

AlterUNF Version 2.01: 10/09 (C)2015 Goldstar Software Inc.

Usage: ALTERUNF <Sourcefile> <Destfile> <Offset> <NumBytes> [<Value>|/R] [/C]

This utility adds bytes to a UNF file at the stated position.

<Sourcefile> is the source UNF filename.

<Destfile> is the destination file to be created.

<Offset> is the Byte Offset within the Btrieve Record.

<NumBytes> is the number of bytes to insert.

<Value> is the byte value to insert in decimal. (Default=0)

Use /R to remove the specified bytes.

Use /C to Check Only a UNF for non-NumBytes records.

Examples and Sample Usage

To convert a 2-byte ASCII year located as offset 52 to a 4-byte year, the following two commands would need to be used:

```
ALTERUNF ORIG.UNF TEMP.UNF 52 1 49
ALTERUNF TEMP.UNF NEW.UNF 53 1 57
```

Note that these commands first insert a "1" at position 52, then a "9" at 53.

You can also use this command to remove the newly added bytes, as in:

```
ALTERUNF ORIG.UNF NEW.UNF 52 2 /R
```

Other Information

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

A Win32 version is not yet available or planned.

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

Version History

Version 1.1: First documented version

Version 1.2: Added capability to scan a UNF file for bad-length records.

Version 2.0: First Win32 version.

Version 2.01: Updated licensing code.

Known Problems

This version cannot handle records over 16384 bytes in length. If a over-length record is encountered, it will be sent to stdout (redirect to capture this data) and shown as truncated.