

ListDPg v2.31 for Win32

Program Description

ListDPg searches through Btrieve files and locates all Data pages in the file, displaying their location to StdOut in either text or comma-delimited format. This is quite useful to see how many data pages may be in a data file.

ListDPg can also search for a single logical page and display all of its locations only. (This used to be done by the utility FindLP.) To use this option, specify the /L switch and immediately follow it with the hexadecimal page number.

Another feature of ListDPg is the Auto-Number feature. This DESTRUCTIVE feature will automatically give each data page a new page number, such that ANY data page containing valid data will be recoverable. Note, though, that this feature will DESTROY the data file, making it unusable. Since ListDPg does not correct the PATs themselves, you must use DataSave98 in Dynamic PAT mode to recover data from a file once it is mangled in this way. Also, this feature will likely generate numerous duplicate records, so it is imperative to have a unique key available to filter out the duplicates. (Due to the advanced nature of this option, it is NOT available to Evaluation users.)

Platform and Package

Win32 Console; Btrieve Advanced Recovery ToolKit; GSLic

Pricing

Available as part of the BART ToolKit Only.

Command Line Syntax and Help Screen

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Using Low-Level File I/O Version 2.42.15

Usage: LISTDPG SrcFile [/LLogicalPage] [/5] [/C] [/U] [/A]

This utility scans SrcFile and reports all data pages to StdOut
/5: Compare 5.x page numbers against the page headers.
/L: Search for a single logical page number.
Specify LogicalPage as a hex value (0x...).
/C: Output the data in comma-delimited format.
/U: Open files in UNPROTECTED mode. (Allows concurrent access.)
/A: Auto-number ALL data pages (useful for data recovery).

WARNING: Using /A will DESTROY the file and require DATASAVE98!
After Repairing the file, duplicates MUST then be filtered by a UNIQUE Key!

Examples and Sample Usage

This example simply displays the data pages as they are found.

C:\PVSW\demodata>listdp course.mkd

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Page (0044)00000004 in File 0 at Phys Location 0000f000 with Usage 8000.
Page (0044)00000004 in File 0 at Phys Location 00011000 with Usage 802c.
Page (0044)00000002 in File 0 at Phys Location 00012000 with Usage 802b.
Page (0044)00000001 in File 0 at Phys Location 00013000 with Usage 802b.
Page (0044)00000005 in File 0 at Phys Location 00015000 with Usage 800c.

This example shows the use of the single page function, with SDF output.

C:\PVSW\demodata>listdp course.mkd /L03 /C

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Page Type,Logical Page,File Number,Offset,Usage
0x8002,0x00000003,0,0x0000e000,0x0000
0x8002,0x00000003,0,0x00014000,0x0091

This example shows the use of the /5 option when file pages are NOT properly located at the correct offset.

C:\PVSW\demodata>listdp course.mkd /5

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Page Number 0000001e holds Logical Page 0000001d at Offset 0001e000.
Page Number 0000001f holds Logical Page 0000001d at Offset 0001f000.
Page Number 00000083 holds Logical Page 00003ec3 at Offset 00083000.

Notice how the logical page 0x 1D is replicated at physical locations for page 0x1E and 0x1F. Even worse, the data for Page 0x83 is mangled with garbage data.

Other Information

ListDPg is part of the Btrieve Advanced Recovery ToolKit.

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

Version History

Version 2.0: Rewritten to use Win32 LowLevel I/O routines; included functionality from old FINDLP utility; added support for extended files, as well as V8 files; added display of usage count

Version 2.1: Added GSLic capability.

Version 2.20: Added /5 option to compare 5.x page numbers with headers.

Version 2.21: Updated licensing code.

Version 2.30: Added support for the 9v.5 and v13 file formats.

Version 2.31: Improved support for v13/v16 file formats.

Known Problems

If you auto-number the pages of a V8 file, they are unrecoverable, since DataSave98 does not currently support this format.

Page compressed or encrypted files are not supported.