

ChkIndex v2.22 for Win32

Program Description

The ChkIndex utility is one way of automatically detecting problems of missing or otherwise incorrect index definitions in the INDEX.DDF file. The utility compares the DDF definitions to the Btrieve files, looking for problems.

While ChkIndex works much better than the older DDFEase, we do recommend using the Check Database Wizard provided by Actian when possible, as ChkIndex has not been updated in some time and may not handle all known data types and other special issues introduced in recent versions.

Platform and Package

Win32, DDF Utility & Management Package; GSLic

Pricing

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

Command Line Syntax and Help Screen

ChkIndex Version 2.22: 04/16 (C)2026 Goldstar Software Inc.

Usage: CHKINDEX TableName [/<options>] [/P=Password]

This command examines the TableName table for indices which are not properly defined in INDEX.DDF and prints a report about them.
Use "*" for TableName to process all Tables.
Use the /A option to enable strict ACS/Case checking.
Use the /C option to enable strict field type checking.
Use the /F option with /A to fix up ACS issues within ATTRIB.DDF.
Use the /I option to print index information as they are processed.
Use the /K option to print Btrieve key info as they are processed.
Use the /N option to enable NULL flag checking.
Use the /S option to print statistics at the end.
Use the /T option to print table names as they are processed.
Use the /P= option to provide the database Master Password.

Examples and Sample Usage

ChkIndex always works on DDF's in the current directory. This application accesses the DDF's directly, as Btrieve files, and can be used against an active database.

Use the various options to enable different levels of checking. The default checks are fairly lenient, but will detect a number of issues.

Adding the /N switch will check the NULL flag on each field.

Adding the /C switch will force stringent field type checking.

Adding the /A switches will force stringent checking the the ACS flags. (Without the /A, flipped mismatches of ACS and the CASE flag are ignored. With /A, thiese are reported. Further, adding the /A switch will read the ATTRIB.DDF file and attempt to identify any issues with missing or extra "O" records in the dictionary.

When the /F option is provided on a licensed version, this tool will attempt to fix up issues with the ATTRIB.DDF entries for ACS definitions. If a field has an ACS entry in ATTRIB defined, but with it is not eligible for an ACS due to its data type or there is no ACS on the Btrieve file's key, the ACS entry in ATTRIB will be deleted. If the field is lacking an ACS entry in ATTRIB but the Btrieve file shows an ACS definition, then ChkIndex will create the missing ATTRIB record.

The other options modify the output to provide varying levels of information for troubleshooting purposes.

Other Information

ChkIndex is part of the DDF Utility & Management Package.

A DOS version is also available.

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

Version History

Version 1.1: First documented version

Version 1.2: Fixed bug with Named Indices on Unique Keys.

Version 2.0: First Win32 Version; Added GSLic capability.

Version 2.1: Fixed bug with Embedded Spaces turned on.

Version 2.11: Updated licensing code.

Version 2.20: Added ability to detect (and optionally fix) issues with the ACS definitions stored within ATTRIB.DDF.

Version 2.22: Cleaned up output formatting for clarity, display warning for linked/repeating flag mismatches.

Known Problems

ChkIndex will work only on v1 Metadata.

If there is no ATTRIB.DDF, stringent ACS checking will not work properly. If you have a very old set of DDF's, you should clone an existing ATTRIB.DDF to at least provide an empty copy.

The /F option is valid for licensed users only and has seen minimal testing. If you need this functionality, you may wish to work directly with Goldstar Software.