

# CountExt v2.03 for Win32

## Program Description

The CountExt utility was originally designed as a way to determine how many different files of various extensions existed on a file server as part of a Y2K data collection project. Its uses go far beyond that, though.

Currently, CountExt can scan a file for ALL files of a given extension and return not only the path, filename, and extension, but also the size and timestamp of the file. If the filespec includes multiple extensions (i.e. \*.\*), then CountExt can also print a summary of all extensions found, along with the count of number of files with each extension.

## Platform and Package

Win32; Goldstar Utility & Management Package; GSLic

## Pricing

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

## Command Line Syntax and Help Screen

CountExt Version 2.02: 10/09 (C)2015 Goldstar Software Inc.

Usage: COUNTTEXT <Drive:> <Filespec> [/F] [/O] [/E]

```
This utility counts the number of files, by extension, in a directory.
<Drive:> is the drive letter to scan.
<Filespec> is the specifier for files to search (e.g. *.* , *.XLS).
/F Outputs Directory, Filename, Extension in comma delimited format.
/O Outputs Other information (Date, Time, Size) in comma delimited format.
/E Displays Extension Subtotals. (** is Total Files Scanned!)
```

## Examples and Sample Usage

To create a list of all files on a server volume (e.g. drive F), use this command:

```
COUNTTEXT F: *.* /F /O >C:\COUNTTEXT.RPT
```

This will create a file called COUNTTEXT.RPT with a huge comma-delimited file list. (This output file can be sent into MSExcel, MSAccess, ChkBFile or other similar utilities for further processing.)

To simply get a list of extensions, using the format:

```
COUNTTEXT F: *.* >C:\COUNTTEXT.RPT
```

This command sends just the summary data (the extensions and their number of files) to COUNTTEXT.RPT. The extension “\*\*\*” will indicate the total number of files scanned by the utility.

## Other Information

CountExt is part of the Goldstar Utility & Management Package.

A DOS version is also available.

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

## Version History

Version 1.3: First documented version

Version 1.4: Added error handling to memory allocation errors.

Version 2.0: First Win32 version; Added GSLic capability.

Version 2.01: Added handling for subdirectories over 64 characters in length

Version 2.02: Fixed issue where is failed on a hidden directory. Now, we post an error message and continue.

Version 2.03: Updated licensing code.

## Known Problems

CountExt uses the first letter of the extension as a hash key into a multiple linked list structures. As the number of extensions grows, the linear searches down each list will lengthen, and the program will get slower. This is normal. However, as the linked list grows, the memory usage will increase, possibly to the point of

running out of memory. An error returns indicating any extensions not counted.  
If the directory recursion gets too deep, a stack overflow error may occur.