

DF

Chris Lawrence

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COLLABORATORS

	<i>TITLE :</i> DF		
<i>ACTION</i>	<i>NAME</i>	<i>DATE</i>	<i>SIGNATURE</i>
WRITTEN BY	Chris Lawrence	January 18, 2023	

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Chapter 1

DF

1.1 DirFool 2.33 AmigaGuide documentation

DirFool 2.33 User Documentation

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1.2 What is DirFool?

What is DirFool?

DirFool (DF) is a small (11.3k) utility that, when using AmigaDOS 2.04, replaces the Dir and List commands with a single command. DF has several different operating modes and can work in a user-defined manner.

1.3 Legal Stuff

Legal Stuff:

DirFool is © 1992-93 Chris Lawrence. The program may be freely distributed, as long as following are met:

1. This file remains unmodified
2. The program file and its documentation files remain unmodified

3. All these files are distributed as one package

Please contact me if you are interested in anything other than ordinary PD distribution.

This package may be included on CD-ROMs of freely distributable software.

If you like DirFool, a donation of \$5 to foster future development is encouraged, but not required. Send to:

Chris Lawrence
RHIT Box 1137
5500 Wabash Avenue
Terre Haute, Indiana 47803-3999

Internet: Christopher.Lawrence@rose-hulman.edu

1.4 New features

New features:

This is DirFool 2.33 (22.9.93), the second public release of DirFool.

Changes from DF 2.32 (18.9.93):

* Bug-fix in the REVERSE sort option.

Changes from DF 2.31 (31.8.93):

* Now supports the MultiUser file system.

* Documentation now in AmigaGuide format.

* Code improvements.

1.5 Operating instructions

Usage:

DF is designed to run under Release 2.04 of AmigaDOS (the ROM version). DF will not work on earlier versions of AmigaDOS, including most of the beta/disk releases of 2.0.

DF can be run through the Workbench's "Execute Command" option, or by using the CLI or Shell. To use the program, use the following syntax:

DF [pattern] [options]

The pattern is a path and/or pattern that specifies the files you wish to list. For example, DF sys:~(#?.info) would list all of the files in your boot directory except icon files.

The options are any of the following; however certain combinations will not work for obvious reasons.

COLS=n Specify number of columns to be output. Default=3.

WIDE Output five columns per line, 14 character filenames.

THREE Output three columns per line, 25 character filenames (default).

LIST Output full information (similar to List command). Filenames are 30 characters, directories 24. A synonym is FULL.

ANSI Show directories in THREE and WIDE listings in square brackets and highlighted (default).

NOANSI Show directories in THREE and WIDE listings in square brackets.

QUICK (Must be specified with LIST) Outputs only filenames; suppresses header and trailer information (see below).

FANCY (Must be specified with LIST) Outputs a full listing; displays the header and trailer information (default).

NAME Sort by name (default).

DATE Sort by date (most recent is first). A synonym is DATES.

SIZE Sort by size (largest is first).

SORT Sets sorting mode on (default).

NOSORT Turns sorting mode off.

REVERSE Reverses sort to opposite of regular sequence.

FORWARD Sort in regular sequence (default).

SLASH List directories with a forward slash (/) at the end of the name (softlinks are listed with a »).

NOSLASH List directories within square brackets around the name (default).

ICONS Include icon files in directory listing (default).

NOICONS Do not include icon files in directory listings.

NOFILES Only list directories in listing.

NODIRS Only list files in listing.

BLOCKS In full listing format, show number of blocks files occupy. In all formats, disk usage is based on blocks used.

BYTES In full listing format, show byte size of files. In all formats, disk usage is based on total bytes used (default).

Output:

The command will show different output, depending on which options are used. The following gives a few examples:

Work:Lang> DF WIDE

```
Work:Lang on 15-Jun-92 at 22:56:24
[conman]          [DirFool]          [FTS]             [GadFool]
[ITextL]          [KD-Freq]          [ReqTools]        [SASLibs]
GadFool.info      InterComm.info      readme.first.d    ReqTools.info
3077 bytes used - 19237888 bytes free on volume
```

System2.0:System> DF COLS=2

```
System2.0:System on 15-Jun-92 at 22:58:34
AddMonitor          AddMonitor.info
BindMonitor.info    CLI
diformat            DiskCopy
diskinfowb          FixFonts
Format              Format-HD
Format.info          formatHDs
Fountain.info       Install-HD
installHDs          NoFastMem
prep                REXXMap
Setmap
148041 bytes used - 3168768 bytes free on volume
```

System2.0:> DF SYS:Tools/~(#?.info) LIST DATE

```
System2.0:Tools on 15-Jun-92 at 23:03:23
<DIR> Commodities      ----rwed 13-Apr-92
Fed                    29384 ----rwed 06-Jan-92
HDToolbox              95896 ----rwed 26-Dec-91
Enforcer                6400 ----rwed 25-Dec-91
ShowConfig             10436 ----rwed 25-Dec-91
Lacer                   296 ----rwed 25-Dec-91
BRU                    101832 ----rwed 25-Dec-91
MEMacs                 52484 --p-rwed 25-Dec-91
CMD                     7768 ----rwed 25-Dec-91
Calculator              16916 ----rwed 25-Dec-91
Colors                  5616 ----rwed 25-Dec-91
KeyShow                10684 ----rwed 25-Dec-91
InitPrinter            1104 ----rwed 25-Dec-91
GraphicDump            2988 ----rwed 25-Dec-91
PrintFiles             2196 ----rwed 25-Dec-91
HDBackup.help         11573 ----rw-d 25-Dec-91
HDBackup               83248 ----rwed 25-Dec-91
IconEdit               46584 ----rwed 25-Dec-91
PrefsDrawer            532 ----rwed 09-Oct-91
KeyMapEd               67352 ----rwed 20-Jul-91
PerfMon                10044 ----rwed 28-Feb-91
FreeMap                7260 ----rwed 28-Feb-91
IE                     57804 --p-rwed 09-Oct-90
628397 bytes used - 3168768 bytes free on volume
```

Note that directories are always listed first in the listings, even if the list is not sorted.

1.6 Advanced Options

Advanced Options:

DirFool also supports a few options for the advanced user, especially those that use the CLI a lot. These options can be set in two environment variables, `DFMode` and `DateFormat`.

The `DFMode` variable can be used to set default modes for DirFool's output. All of the command line options are supported, which are then set as your defaults. These defaults can be over-ridden by using the `DF` command line. It is not recommended that you set a default pattern (ideally, `DF` without a pattern should list the current directory). `DFMode` can be a ENV variable (set by `SETENV`) or a local variable (set by `SET`).

The `DateFormat` variable (a holdover from the ARP generation) is a way to use the multiple date formats supported in DOS 2.0 (but, unfortunately, not in its commands). `DateFormat` should be set to one of these values (example date is June 11, 1992):

AmigaDOS	0	11-Jun-92 (default)
International	1	92-06-11
U.S.A.	2	06-11-92
Canadian/U.K.	3	11-06-92
Locale-Specific	4	06/11/92 (for U.S. locale; requires Release 2.1)

Other Stuff:

DF will work with programs that set `RNF_WILDSTAR` (programs that allow the use of the asterisk (*) instead of #?), such as my `StarFool` program.

DF 2.32 and above support the MultiUser File System. If you have the `multiuser.library` installed, DirFool will print all 16 protection bits and the file owner (if applicable), for all volumes.

An upcoming release will support List-style `LFORMATs`.

I hope you enjoy DirFool and will find it useful.

Chris Lawrence
18 September 1993