

mirrorls - compile directory listing or compare mirror sites

SYNOPSIS

```
mirrorls [-hHve] [-o outfile] [-d dirlist] [dir]
```

DESCRIPTION

If called with the `-h` option `mirrorls` pipes this manpage to `less`. With the `-H` option this manpage is printed without piping through `less`. The `-v` option prints the version number.

The essential idea is that one performs

```
mirrorls [-em] [-o outfile] [dir]
```

at one site to compile a listing of the files in the directory `dir`. If `dir` is omitted the current directory is assumed. `Mirrorls` recursively descends through subdirectories if necessary. The listing is printed to `dir.lst` unless the `-o` option is used, in which case the listing is directed to `outfile`. The listing is also echoed to standard output if the `-e` option is used. The `-m` option includes the last modification times of files/directories in the listing.

Then one exports the directory listing `dir.lst` or `outfile` to a mirror site one wishes to compare a site with. At the alternative site one performs

```
mirrorls -d dirlist [dir]
```

where `dirlist` is the exported directory listing `dir.lst` or `outfile`, to do a comparison of the former site with the contents of `dir`. If the argument `dir` is omitted, `.'` is assumed.

Directories and links are listed as having 0 byte sizes, but, directory names are listed with trailing slashes.

OPTIONS

- `-h` Print this man page, by piping to `less`.
- `-H` Print this man page, but do not pipe to `less`.
- `-v` Print version number and exit.
- `-e` Ignored if `-d` option used. Echo directory listing to standard output, as it is printed to `dir.lst`.
- `-m` Include modification times in listing.
- `-o outfile`
Ignored if `-d` option used. Direct output listing to `outfile` instead of `dir.lst`.
- `-d dirlist`
Using the remote site listing `dirlist` list the differences between the local and remote mirror sites. The extra fields one gets in a `-m` listing are ignored. Only filename and byte-size are used in determining file differences.

ACKNOWLEDGEMENT

The subroutine `dodir` is based on an example on pp56-57 of 'Programming Perl' by Larry Wall and Randal L. Schwartz

(1991).

CHANGES

Version 1.0: 1999/05/05: First release.

Version 1.1: 1999/05/13: Fixed a typo. that caused slower than expected behaviour.

Version 1.2: 1999/05/27: Added -m option to include modification times in listing.

Version 1.3: 1999/06/01: Directories are now read in sorted order. Adds a trailing slash to directory names. Missing files are listed in sorted order.

BUGS

Mirrorls is only known to work properly with Perl 5.001 or better. Directories and links are listed as having sizes of 0 bytes.

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VERSION 1.3

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