NAME

dds2index − tool to create an indexfile for the use of

SYNOPSIS

dds2index [options]

DESCRIPTION

dds2index creates an index file that is required by the file extraction utility **dds2tar(1)**. It works on **tar** archives stored on dds tape devices (DAT). Since the file structure of the tape archives is used to extract the files, the archive must be an **uncompressed tar** archive. But compression by the transparent signal processor of the tape device is allowed.

The index created by **dds2index** is written to *stdout* by default and should normally be stored on hard disk as *indexfile* for later use by **dds2tar(1)**.

The default tape device to read from is */dev/rmt0*, which may be overridden with the environment variable **TAPE**, which in turn may be overridden with the **-f** *device* option. The device must be a SCSI tape device.

OPTIONS

-f *devicefile*
: device of the tape archive. Must be a character special file.

-t *indexfile*
: write the index to *indexfile*, not to *stdout.*

-z,**--compress**
: write the index in (gzip) compressed mode.

--help
: print some screens of online help with examples through a pager and exit immediatley.

OPTIONS you didn't really need

-b, --block-size
: Set the maximal blocksize, dds2index can handle.

--z, --no-compress
: Don't filter the archive file through gzip.

-v,**--verbose**
: verbose mode. Print to *stderr* what is going on.

-h,**--hash-mode**
: Print a hash sign '#' to *stderr* for each MB read from tape.

-V,**--version**
: Print the version number of **dds2index** to *stderr* and exit immediately.

EXAMPLES

Example of getting the index from the default tape /dev/rmt0 and storing it in file archive.idx:

```
dds2index -v -t archive.idx
```

WARNING

This program can only read records (tar is calling them tape blocks) up to 32 kbytes. A bigger buffer will cause problems with the Linux device driver.

ENVIRONMENT

The environment variable **TAPE** overrides the default tape device /dev/rmt0.

FILES

/dev/rmt0 default tape device file. Must be a character special file.

SEE ALSO

dds2tar(1), mt(1), mt-dds(1), tar(1), gzip(1)

HISTORY

This program was created as a tool for **dds2tar(1)**.

AUTHOR

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