

NAME

`pristine-gz` – regenerate pristine gz files

SYNOPSIS

pristine-gz [OPTIONS] *gendelta file.gz delta*

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DESCRIPTION

This is a complement to the **pristine-tar** (1) command. Normally you don't need to run it by hand, since `pristine-tar` calls it as necessary to handle `.tar.gz` files.

`pristine-gz gendelta` takes the specified *gz* file, and generates a small binary *delta* file that can later be used by `pristine-gz gengz` to recreate the original file.

`pristine-gz gengz` takes the specified *delta* file, and compresses the specified input *file* (which must be identical to the contents of the original *gz* file). The resulting file will be identical to the original *gz* file used to create the *delta*.

The approach used to regenerate the original *gz* file is to figure out how it was produced — what compression level was used, whether it was built with GNU **gzip** (1) or with a library or BSD version, whether the `--rsyncable` option was used, etc, and to reproduce this build environment when regenerating the *gz*.

This approach will work for about 99.5% of cases. One example of a case it cannot currently support is a *gz* file that has been produced by appending together multiple *gz* files.

For the few where it doesn't work, a binary diff will be included in the *delta* between the closest regeneratable *gz* file and the original. In the worst case, the diff will include the entire content of the original *gz* file, resulting in a larger than usual *delta*. If the *delta* is much larger than usual, `pristine-gz` will print a warning.

If the *delta* filename is “-”, `pristine-gz` reads or writes it to `stdio`.

OPTIONS

`-v`

`--verbose`

Verbose mode, show each command that is run.

`-d`

`--debug`

Debug mode.

`-k`

`--keep`

Don't clean up the temporary directory on exit.

ENVIRONMENT**TMPDIR**

Specifies a location to place temporary files, other than the default.

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