

**NAME**

**zcmp**, **zdiff** - compare compressed files

**SYNOPSIS**

**zcmp** [*options*] *file* [*file2*]

**zdiff** [*options*] *file* [*file2*]

**DESCRIPTION**

**zcmp** and **zdiff** are filters that invoke `cmp(1)` or `diff(1)` respectively to compare compressed files. Any *options* that are specified are passed to `cmp(1)` or `diff(1)`.

If only *file1* is specified, it is compared against a file with the same name, but with the extension removed. When both *file1* or *file2* are specified, either file may be compressed.

Extensions handled by `gzip(1)`:

- ⊕ z, Z,
- ⊕ gz,
- ⊕ taz,
- ⊕ tgz.

Extensions handled by `bzip2(1)`:

- ⊕ bz,
- ⊕ bz2,
- ⊕ tbz,
- ⊕ tbz2.

Extensions handled by `xz(1)`:

- ⊕ lzma,
- ⊕ xz,
- ⊕ tlz,
- ⊕ txz.

**ENVIRONMENT**

**TMPDIR** Directory in which to place temporary files. If unset, `/tmp` is used.

**FILES**

`/tmp/zcmp.XXXXXXXXXX`

Temporary file for **zcmp**.

`/tmp/zdiff.XXXXXXXXXX` Temporary file for **zdiff**.

**SEE ALSO**

bzip2(1), cmp(1), diff(1), gzip(1), xz(1)

**CAVEATS**

**zcmp** and **zdifff** rely solely on the file extension to determine what is, or is not, a compressed file. Consequently, the following are not supported as arguments:

- directories
- device special files
- filenames indicating the standard input ("-")