

**NAME**

**xzcmp**, **xzdiff**, **lzcmp**, **lzdiff** – compare compressed files

**SYNOPSIS**

**xzcmp** [*cmp\_options*] *file1* [*file2*]

**xzdiff** [*diff\_options*] *file1* [*file2*]

**lzcmp** [*cmp\_options*] *file1* [*file2*]

**lzdiff** [*diff\_options*] *file1* [*file2*]

**DESCRIPTION**

**xzcmp** and **xzdiff** invoke **cmp(1)** or **diff(1)** on files compressed with **xz(1)**, **lzma(1)**, **gzip(1)**, **bzip2(1)**, **lzop(1)**, or **zstd(1)**. All options specified are passed directly to **cmp(1)** or **diff(1)**. If only one file is specified, then the files compared are *file1* (which must have a suffix of a supported compression format) and *file1* from which the compression format suffix has been stripped. If two files are specified, then they are uncompressed if necessary and fed to **cmp(1)** or **diff(1)**. The exit status from **cmp(1)** or **diff(1)** is preserved unless a decompression error occurs; then exit status is 2.

The names **lzcmp** and **lzdiff** are provided for backward compatibility with LZMA Utils.

**SEE ALSO**

**cmp(1)**, **diff(1)**, **xz(1)**, **gzip(1)**, **bzip2(1)**, **lzop(1)**, **zstd(1)**, **zdiff(1)**

**BUGS**

Messages from the **cmp(1)** or **diff(1)** programs refer to temporary filenames instead of those specified.