

**NAME**

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

**SYNOPSIS**

**xzcmp** [*option...*] *file1* [*file2*]

**xzdiff** ...

**lzcmp** ...

**lzdiff** ...

**DESCRIPTION**

**xzcmp** and **xzdiff** compare uncompressed contents of two files. Uncompressed data and options are passed to **cmp**(1) or **diff**(1) unless **--help** or **--version** is specified.

If both *file1* and *file2* are specified, they can be uncompressed files or files in formats that **xz**(1), **gzip**(1), **bzip2**(1), **lzop**(1), **zstd**(1), or **lz4**(1) can decompress. The required decompression commands are determined from the filename suffixes of *file1* and *file2*. A file with an unknown suffix is assumed to be either uncompressed or in a format that **xz**(1) can decompress.

If only one filename is provided, *file1* must have a suffix of a supported compression format and the name for *file2* is assumed to be *file1* with the compression format suffix removed.

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

**EXIT STATUS**

If a decompression error occurs, the exit status is **2**. Otherwise the exit status of **cmp**(1) or **diff**(1) is used.

**SEE ALSO**

**cmp**(1), **diff**(1), **xz**(1), **gzip**(1), **bzip2**(1), **lzop**(1), **zstd**(1), **lz4**(1)