## **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  $\mathbf{xz}(1)$ ,  $\mathbf{gzip}(1)$ ,  $\mathbf{bzip2}(1)$ ,  $\mathbf{lzop}(1)$ ,  $\mathbf{zstd}(1)$ , or  $\mathbf{lz4}(1)$  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  $\mathbf{xz}(1)$  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  $\mathbf{2}$ . Otherwise the exit status of  $\mathbf{cmp}(1)$  or  $\mathbf{diff}(1)$  is used.

# **SEE ALSO**

```
\boldsymbol{cmp}(1),\,\boldsymbol{diff}(1),\,\boldsymbol{xz}(1),\,\boldsymbol{gzip}(1),\,\boldsymbol{bzip2}(1),\,\boldsymbol{lzop}(1),\,\boldsymbol{zstd}(1),\,\boldsymbol{lz4}(1)
```