#### **NAME**

xzgrep – search possibly-compressed files for patterns

#### **SYNOPSIS**

```
xzgrep [option...] [pattern_list] [file...]
xzegrep ...
xzfgrep ...
lzgrep ...
lzegrep ...
lzfgrep ...
```

### **DESCRIPTION**

**xzgrep** invokes **grep**(1) on uncompressed contents of files. The formats of the *files* are determined from the filename suffixes. Any *file* with a suffix supported by **xz**(1), **gzip**(1), **bzip2**(1), **lzop**(1), **zstd**(1), or **lz4**(1) will be decompressed; all other files are assumed to be uncompressed.

If no *files* are specified or *file* is – then standard input is read. When reading from standard input, only files supported by  $\mathbf{xz}(1)$  are decompressed. Other files are assumed to be in uncompressed form already.

Most *options* of **grep**(1) are supported. However, the following options are not supported:

```
-r, --recursive
-R, --dereference-recursive
-d, --directories=action
-Z, --null
-z, --null-data
--include=glob
--exclude=glob
--exclude-from=file
--exclude-dir=glob
```

**xzegrep** is an alias for **xzgrep** -**E**. **xzfgrep** is an alias for **xzgrep** -**F**.

The commands **lzgrep**, **lzegrep**, and **lzfgrep** are provided for backward compatibility with LZMA Utils.

## **EXIT STATUS**

- O At least one match was found from at least one of the input files. No errors occurred.
- 1 No matches were found from any of the input files. No errors occurred.
- >1 One or more errors occurred. It is unknown if matches were found.

# **ENVIRONMENT**

**GREP** If **GREP** is set to a non-empty value, it is used instead of **grep**, **grep** –**E**, or **grep** –**F**.

## **SEE ALSO**

$$\mathbf{grep}(1),\,\mathbf{xz}(1),\,\mathbf{gzip}(1),\,\mathbf{bzip2}(1),\,\mathbf{lzop}(1),\,\mathbf{zstd}(1),\,\mathbf{lz4}(1),\,\mathbf{zgrep}(1)$$

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