

## NAME

**xzgrep** – search compressed files for a regular expression

## SYNOPSIS

```
xzgrep [grep_options] [-e] pattern [file...]  
xzegrep ...  
xzfgrep ...  
lzgrep ...  
lzegrep ...  
lzfgrep ...
```

## DESCRIPTION

**xzgrep** invokes **grep**(1) on *files* which may be either uncompressed or compressed with **xz**(1), **lzma**(1), **gzip**(1), **bzip2**(1), **lzop**(1), or **zstd**(1). All options specified are passed directly to **grep**(1).

If no *file* is specified, then standard input is decompressed if necessary and fed to **grep**(1). When reading from standard input, **gzip**(1), **bzip2**(1), **lzop**(1), and **zstd**(1) compressed files are not supported.

If **xzgrep** is invoked as **xzegrep** or **xzfgrep** then **grep -E** or **grep -F** is used instead of **grep**(1). The same applies to names **lzgrep**, **lzegrep**, and **lzfgrep**, which are provided for backward compatibility with LZMA Utils.

## EXIT STATUS

- 0       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 the **GREP** environment variable is set, **xzgrep** uses it instead of **grep**(1), **grep -E**, or **grep -F**.

## SEE ALSO

**grep**(1), **xz**(1), **gzip**(1), **bzip2**(1), **lzop**(1), **zstd**(1), **zgrep**(1)