

## 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)**