## **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), bzip(1), or lzop(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), and **lzop**(1) compressed files are not supported.

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

## **ENVIRONMENT**

**GREP** If the **GREP** environment variable is set, **xzgrep** uses it instead of **grep**(1), **egrep**(1), or **fgrep**(1).

# **SEE ALSO**

```
grep(1), xz(1), gzip(1), bzip2(1), lzop(1), zgrep(1)
```