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** $-\mathbf{E}$ or **grep** $-\mathbf{F}$ 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)