

**NAME**

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

**SYNOPSIS**

**xzgrep** [*grep\_options*] [-e] *pattern file...*  
**xzgrep** ...  
**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)**, or **bzip2(1)**. All options specified are passed directly to **grep(1)**.

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

If **xzgrep** is invoked as **xzgrep** 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)**, **zgrep(1)**