

NAME

xzgrep – search possibly-compressed files for patterns

SYNOPSIS

xzgrep [*option...*] [*pattern_list*] [*file...*]

xzegrep ...

xzfgrep ...

lzgrep ...

lzegrep ...

lzfgrep ...

DESCRIPTION

xzgrep invokes **grep**(1) on uncompressed contents of files. The formats of the *files* are determined from the filename suffixes. Any *file* with a suffix supported by **xz**(1), **gzip**(1), **bzip2**(1), **lzop**(1), **zstd**(1), or **lz4**(1) will be decompressed; all other files are assumed to be uncompressed.

If no *files* are specified or *file* is **-** then standard input is read. When reading from standard input, only files supported by **xz**(1) are decompressed. Other files are assumed to be in uncompressed form already.

Most *options* of **grep**(1) are supported. However, the following options are not supported:

-r, --recursive

-R, --dereference-recursive

-d, --directories=*action*

-Z, --null

-z, --null-data

--include=*glob*

--exclude=*glob*

--exclude-from=*file*

--exclude-dir=*glob*

xzegrep is an alias for **xzgrep -E**. **xzfgrep** is an alias for **xzgrep -F**.

The commands **lzgrep**, **lzegrep**, and **lzfgrep** 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 **GREP** is set to a non-empty value, it is used instead of **grep**, **grep -E**, or **grep -F**.

SEE ALSO

grep(1), **xz(1)**, **gzip(1)**, **bzip2(1)**, **lzop(1)**, **zstd(1)**, **lz4(1)**, **zgrep(1)**