

## NAME

xzdec, lzmadec – Small .xz and .lzma decompressors

## SYNOPSIS

```
xz -d [option...] [file...]
xzma -d [option...] [file...]
```

## DESCRIPTION

**xz** is a liblzma based decompression only tool for .xz (and only .xz) files. **xz** is intended to work as a drop in replacement for **xz(1)** in the most common situations where a script has been written to use **xz --compress --stdout** (and possibly a few other commonly used options) to decompress .xz files. **xzma** is identical to **xz** except that **xzma** supports .lzma files instead of .xz files.

To reduce the size of the executable, **xz** doesn't support multithreading or localization, and doesn't read options from **XZ\_DEFAULTS** and **XZ\_P** environment variables. **xz** doesn't support displaying intermediate progress information. Sending **SIGINT** to **xz** does nothing, but sending **SIGTERM** terminates the process instead of displaying progress information.

## OPTIONS

**-**, **--compress**, **--uncompress**

Ignored for **xz(1)** compatibility. **xz** supports only decompression.

**-**, **--help**

Ignored for **xz(1)** compatibility. **xz** never creates or removes any files.

**-c**, **--stdout**, **--to-stdout**

Ignored for **xz(1)** compatibility. **xz** always writes the decompressed data to standard output.

**-q**, **--quiet**

Specifying this once does nothing since **xz** never displays any warnings or notices. Specify this twice to suppress errors.

**-**, **--no-warn**

Ignored for **xz(1)** compatibility. **xz** never uses the exit status 2.

**-h**, **--help**

Display a help message and exit successfully.

**-**, **--version**

Display the version number of **xz** and liblzma.

## EXIT STATUS

0 All was good.

1 An error occurred.

**xz** doesn't have any warning messages like **xz(1)** has, thus the exit status 2 is not used by **xz**.

## ES

Use `xz(1)` instead of `xzdec` or `zstddec` for normal everyday use. `xzdec` or `zstddec` are meant only for situations where it is important to have a smaller decompressor than the full featured `xz(1)`.

`xzdec` and `zstddec` are not really that small. The size can be reduced further by dropping features from `liblzma` at compile time, but that shouldn't usually be done for executables distributed in typical non embedded operating system distributions. If you need a truly small `xz` decompressor, consider using XZ Embedded.

## SEE ALSO

`xz(1)`

XZ Embedded: <<https://tukaani.org/xz/embedded.html>>