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xzdec, lzmadec – Small .xz and .lzma decompressors

SYNOPSIS

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xz [-c] [option...] [file...]
xzma [-c] [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 --decompress --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

-c, --decompress, --uncompress

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

-c, --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.

-c, --no-warn

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

-h, --help

Display a help message and exit successfully.

-c, --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**.

EXAMPLES

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

featured **xz(1)**.

xz(1) and **zstd(1)** 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>>