

**NAME**

`xzdec`, `lzmadec` - Small `.xz` and `.lzma` decompressors

**SYNOPSIS**

`xzdec` [*option...*] [*file...*]

`lzmadec` [*option...*] [*file...*]

**DESCRIPTION**

`xzdec` is a liblzma-based decompression-only tool for `.xz` (and only `.xz`) files. `xzdec` 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. `lzmadec` is identical to `xzdec` except that `lzmadec` supports `.lzma` files instead of `.xz` files.

To reduce the size of the executable, `xzdec` doesn't support multithreading or localization, and doesn't read options from `XZ_DEFAULTS` and `XZ_OPT` environment variables. `xzdec` doesn't support displaying intermediate progress information: sending `SIGINFO` to `xzdec` does nothing, but sending `SIGUSR1` terminates the process instead of displaying progress information.

**OPTIONS**

**-d, --decompress, --uncompress**

Ignored for `xz(1)` compatibility. `xzdec` supports only decompression.

**-k, --keep**

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

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

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

**-q, --quiet**

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

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

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

**-h, --help**

Display a help message and exit successfully.

**-V, --version**

Display the version number of `xzdec` and liblzma.

**EXIT STATUS**

- 0** All was good.
- 1** An error occurred.

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

**NOTES**

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

**xzdec** and **lzmadec** 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>>