NAME

After successfully compressing or decompressing the *file*, **xz** copies the owner, group, permissions, access time, and modification time from the source *file* to the target file. If copying the group fails, the permissions are modified so that the target file doesn't become accessible to users who didn't have permission to access the source *file*. **xz**

OPTIONS

Basic file format and compression options

−0 ... **−3**

These are somewhat fast presets. **−0** is sometimes faster than **gzip −9** while compressing much better. T

- DecMem contains the decompressor memory requirements. That is, the compression settings determine the memory requirements of the decompressor. The exact decompressor memory usage is slighly more than the LZMA2 dictionary size, but the values in the table have been rounded up to the next full MiB.

−e, **−−extreme**

Use a slower variant of the selected compression preset level (**−0** ... **−9**) to hopefully get a little bit better compression ratio, but with bad luck this can also make it worse. Decompressor memory usage is not affected, but compressor memory usage increases a little at preset levels **−0** ... **−3**.

Since there are two presets with dictionary sizes 4 MiB and 8 MiB, the presets **−3e** and **−5e**

Example: **−−memlimit−compress=70%**

- The *limit* can be reset back to its default value by setting it to **0**. This is currently equi

hc3 Hash Chain with 2- and 3-byte hashing

When decoding raw streams (**−−format=raw**), LZMA2 needs only the dictionary *size*. LZMA1 needs also *lc*, *lp*, and *pb*.

−−x86[=*options*]
−−powerpc[=*options*]
−−ia64[=*options*]
−−arm[=*options*]
−−armthumb[=*options*]
−−sparc[=*options*]

- Compression ratio, which is calculated by di

in the **.xz** headers.

The columns of the **totals** line:

2. Number of streams
3. Number of blocks
4. Compressed size
5. Uncompressed size
6. Average compression ratio
7. Comma-separated list of integrity check names that were present in the files
8. Stream padding size
9. Number of files. This is here to keep the order of the earlier columns the same as onthe