NAME
prezip–bin – prefix zip delta word list compressor/decompressor

SYNOPSIS
prezip–bin [**–V** | **–d** | **–z**]

DESCRIPTION
prezip–bin compresses/decompresses sorted word lists from standard input to standard output.

Prezip–bin is similar to *word–list–compress(1)* but it allows a larger character set of {0x00...0x09, 0x0B, 0x0C, 0x0E...0xFF} and multi–words larger than 255 characters in length. It can also decompress *word–list–compress(1)* compatible files.

COMMANDS
Prezip–bin accepts only one of these commands.

-V   Display *prezip–bin* version number to standard output.

-d   Read a compressed word list from standard input and decompress it to standard output. This can be a *word–list–compress(1)* or a *prezip–bin* compressed file.

-z   Read a binary word list from standard input and compress it to standard output.

EXAMPLES
prezip–bin –d <wordlist.cwl >wordlist.txt
Decompress file wordlist.cwl to text file wordlist.txt

prezip–bin –z <wordlist.txt >wordlist.pz 2>errors.txt
Compress wordlist.txt to binary file wordlist.pz and send any error messages to a text file named errors.txt

LC_COLLATE=C sort –u <wordlist.txt | prezip–bin –z >wordlist.pz
Sort a word list, then pipe it to *prezip–bin* to create a compressed binary wordlist.pz file.

prezip–bin –d <words.pz | aspell create master ./words.rws
Decompress a wordlist, then pipe it to *aspell(1)* to create a spelling list. Please check the *aspell(1)* info manual for proper usage and options.

TIPS
Prezip–bin is best used with sorted word list type files. It is not a general purpose compression program since resulting files may actually increase in size.

Unlike *word–list–compress(1)* if your word list has leading or trailing blank spaces for formatting purposes, you should remove them first before you compress your list using *prezip–bin –z* , otherwise those spaces will be included in the compressed binary output.

DIAGNOSTICS
Prezip–bin normally exits with a return code of 0. If it encounters an error, a message is sent to standard error output (stderr), and *prezip–bin* exits with a non-zero return value. Error messages are listed below:

(display help/usage message)
Unknown command given on the command line so *prezip–bin* displays a usage message to standard error output.

unknown format
The input file appears not to be an expected format, or may possibly be a more advanced format. The output file will be empty.

corrupt input
This is only for the decompression command **–d**. The input file appeared to be of a correct format, but something appears wrong now. There may be some valid data in output, but due to input corruption, the rest of the file can not be completed.

unexpected EOF
> The input file appeared okay but ended sooner than expected, therefore the output file is not complete.

SEE ALSO
aspell(1), **aspell−import**(1), **run−with−aspell**(1), **word−list−compress**(1)

Aspell is fully documented in its Texinfo manual. See the '**aspell**' entry in **info** for more complete documentation.

REPORTING BUGS
For help, see the Aspell homepage at <http://aspell.net>. Send bug reports/comments to the Aspell user list at the above address.

AUTHOR
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