NAME

bsdunzip - extract files from a ZIP archive

SYNOPSIS

bsdunzip [**-aCcfjLlnopqtuvy**] [{ **-O** | **-I** } *encoding*] [**-d** *dir*] [**-x** *pattern*] [**-P** *password*] *zipfile*
[*member ...*]

DESCRIPTION

The following options are available:

-a   When extracting a text file, convert DOS-style line endings to Unix-style line endings.

-C   Match file names case-insensitively.

-c   Extract to stdout/screen. When extracting files from the zipfile, they are written to stdout.
This is similar to **-p**, but does not suppress normal output.

-d *dir*   Extract files into the specified directory rather than the current directory.

-f   Update existing. Extract only files from the zipfile if a file with the same name already
exists on disk and is older than the former. Otherwise, the file is silently skipped.

-I *encoding*

-O *encoding* Convert filenames from the specified encoding.

-j   Ignore directories stored in the zipfile; instead, extract all files directly into the extraction
directory.

-L   Convert the names of the extracted files and directories to lowercase.

-l   List, rather than extract, the contents of the zipfile.

-n   No overwrite. When extracting a file from the zipfile, if a file with the same name already
exists on disk, the file is silently skipped.

-o   Overwrite. When extracting a file from the zipfile, if a file with the same name already
exists on disk, the existing file is replaced with the file from the zipfile.

-p   Extract to stdout. When extracting files from the zipfile, they are written to stdout. The

normal output is suppressed as if **-q** was specified.

-P *password*   Extract encrypted files using a password. Putting a password on the command line using this option can be insecure.

-q   Quiet: print less information while extracting.

-t   Test: do not extract anything, but verify the checksum of every file in the archive.

-u   Update. When extracting a file from the zipfile, if a file with the same name already exists on disk, the existing file is replaced with the file from the zipfile if and only if the latter is newer than the former. Otherwise, the file is silently skipped.

-v   List verbosely, rather than extract, the contents of the zipfile. This differs from **-l** by using the long listing. Note that most of the data is currently fake and does not reflect the content of the archive.

-x *pattern*   Exclude files matching the pattern *pattern*.

-y   Print four digit years in listings instead of two.

-Z *mode*   Emulate zipinfo(1L) mode. Enabling zipinfo(1L) mode changes the way in which additional arguments are parsed. Currently only zipinfo(1L) mode 1 is supported, which lists the file names one per line.

[member ...] Optional list of members to extract from the zipfile. Can include patterns, e.g., *'memberdir/*'* will extract all files and dirs below memberdir.

Note that only one of **-n**, **-o**, and **-u** may be specified. If specified filename is "-", then data is read from *stdin*.

ENVIRONMENT
If the UNZIP_DEBUG environment variable is defined, the **-q** command-line option has no effect, and additional debugging information will be printed to *stderr*.

COMPATIBILITY
The **bsdunzip** utility aims to be sufficiently compatible with other implementations to serve as a drop-in replacement in the context of the ports(7) system. No attempt has been made to replicate functionality which is not required for that purpose.

For compatibility reasons, command-line options will be recognized if they are listed not only before but also after the name of the zipfile.

Normally, the **-a** option should only affect files which are marked as text files in the zipfile's central directory. Since the archive(3) library does not provide access to that information, it is not available to the **bsdunzip** utility. Instead, the **bsdunzip** utility will assume that a file is a text file if no non-ASCII characters are present within the first block of data decompressed for that file. If non-ASCII characters appear in subsequent blocks of data, a warning will be issued.

The **bsdunzip** utility is only able to process ZIP archives handled by libarchive(3). Depending on the installed version of libarchive(3), this may or may not include self-extracting or ZIPX archives.

SEE ALSO
libarchive(3)

HISTORY
The **bsdunzip** utility appeared in FreeBSD 8.0.

AUTHORS
The **bsdunzip** utility and this manual page were written by Dag-Erling Smórgrav *<des@FreeBSD.org>*. It uses the archive(3) library developed by
Tim Kientzle *<kientzle@FreeBSD.org>*.

CAVEATS
The **bsdunzip** utility performs two scans of the command-line for arguments before and after the archive name, so as to maintain compatibility with Info-ZIP unzip. As a result, the POSIX '--' double-dash string used to separate options from arguments will need to be repeated. For example, to extract a "-a.jpg" from "-b.zip" with overwrite, one would need to invoke
      bsdunzip -o -- -a.jpg -- -b.zip