

NAME

bzexe – compress executable files in place

SYNOPSIS

bzexe [name ...]

DESCRIPTION

The *bzexe* utility allows you to compress executables in place and have them automatically uncompress and execute when you run them (at a penalty in performance). For example if you execute “*bzexe /bin/cat*” it will create the following two files:

```
-r-xr-xr-x 1 root bin 9644 Feb 11 11:16 /bin/cat
```

```
-r-xr-xr-x 1 bin bin 24576 Nov 23 13:21 /bin/cat~
```

/bin/cat~ is the original file and */bin/cat* is the self-uncompressing executable file. You can remove */bin/cat~* once you are sure that */bin/cat* works properly.

This utility is most useful on systems with very small disks.

OPTIONS

-d Decompress the given executables instead of compressing them.

SEE ALSO

bzip2(1), *znew*(1), *zmore*(1), *zcmp*(1), *zforce*(1)

CAVEATS

The compressed executable is a shell script. This may create some security holes. In particular, the compressed executable relies on the *PATH* environment variable to find *gzip* and some other utilities (*tail*, *chmod*, *ln*, *sleep*).

BUGS

bzexe attempts to retain the original file attributes on the compressed executable, but you may have to fix them manually in some cases, using *chmod* or *chown*.