NAME

　　　　bprint – expression profiler

SYNOPSIS

　　　　bprint [*option ...*] [*file ...*]

DESCRIPTION

　　　　bprint produces on the standard output a listing of the programs compiled by *lcc* with the **−b** option. Exe-
　　　　cuting an **a.out** so compiled appends profiling data to **prof.out**. The first token of each expression in the
　　　　listing is preceded by the number of times it was executed enclosed in angle brackets as determined from
　　　　the data in **prof.out**. *bprint* interprets the following options.

　　　　−c　　　Compress the **prof.out** file, which otherwise grows with every execution of **a.out**.

　　　　−b　　　Print an annotated listing as described above.

　　　　−n　　　Include line numbers in the listing.

　　　　−f　　　Print only the number of invocations of each function. A second **−f** summarizes call sites instead
　　　　　　　　of callers.

　　　　−I*dir*　　specifies additional directories in which to seek files given in **prof.out** that do not begin with '/'.

　　　　If any file names are given, only the requested data for those files are printed in the order presented. If no
　　　　options are given, **−b** is assumed.

FILES

　　　　prof.out　　　　　　　　profiling data
　　　　$LCCDIR/liblcc.{a,lib}　　*lcc*-specific library

SEE ALSO

　　　　lcc(1), *prof* (1)

BUGS

　　　　Macros and comments can confuse *bprint* because it uses post-expansion source coordinates to annotate
　　　　pre-expansion source files. If *bprint* sees that it's about to print a statement count *inside* a number or identi-
　　　　fier, it moves the count to just *before* the token.

　　　　Can't cope with an ill-formed **prof.out**.