

NAME

bc – B interpreter

SYNOPSIS

bc [-c] files ...

DESCRIPTION

Bc is the UNIX B interpreter. It accepts three types of arguments:

Arguments whose names end with **.ft** are assumed to be B source programs; they are compiled, and the object program is left on the file the file whose name is that of the source with substituted for

Other arguments, except for **-c**, are assumed to be either loader flag arguments, or B-compatible object programs, typically produced by an earlier *bc* run, or perhaps libraries of B-compatible routines. These programs, together with the results of any compilations specified, are loaded (in the order given) to produce an executable program with name **a.out**.

The **-c** argument suppresses the loading phase, as does any syntax error in any of the routines being compiled.

The language itself is described in [1].

The future of B is uncertain. The language has been totally eclipsed by the newer, more powerful, more compact, and faster language C.

FILES

file.b	input file
a.out	loaded output
b.tmp1	temporary (deleted)
b.tmp2	temporary (deleted)
/usr/lang/bdir/b[ca]	translator
/usr/lang/bdir/brt[12]	runtime initialization
/usr/lib/libb.a	builtin functions, etc.
/usr/lang/bdir/bilib.a	interpreter library

SEE ALSO

[1] K. Thompson; MM-72-1271-1; Users' Reference to B.
cc(I)

DIAGNOSTICS

see [1].