

Controlling Breakpoints et al.

ignore BPNUM COUNT

enable BPRANGE

disable BPRANGE

Deleting

clear

clear SAL

delete BPRANGE

delete

+ Watchpoint
+ Catchpoint

\$bpnum is the most
recent b/p set.

45

Breakpoints - conditions

Also watchpoints and catchpoints.

break SAL if EXPRESSION

condition BPNUM [EXPRESSION]

Yes, any expression:

(gdb) list print

3 void

4 print (const char *s)

5 {

6 printf ("%s", s);

7 }

(gdb) break print if strcmp (s, "22\n") == 0

Breakpoint 2 at 0x804819b: file lines.c, line 6.

(gdb) c

Continuing.

21

Breakpoint 2, print (s=0x807ba88 "22\n") at lines.c:6

6 printf ("%s", s);

(gdb)

condition BPNUM - removes
expr

46

Breakpoint scripts

(gdb) break EXPRESSION

(gdb) commands \$bpnum

silent

print s

end

(gdb)

- Use silent to keep GDB quiet

- Use continue to resume GDB

47

Examining values

print/FMT EXPRESSION

hex, Decimal, Unsigned, Octal, Two,
Address, Character, Float

(gdb) print i++

\$2 = 4

(gdb) print &i

\$3 = (int *) 0xbffffa34

(gdb) print/x i

\$4 = 0x4

set output-radix 16

48

