

Controlling Breakpoints et al.

ignore BPNUM COUNT

enable BPRANGE
disable BPRANGE

Deleting

clear *everything*
clear SAL
delete BPRANGE
delete *everything*

*+ Watchpoint
+ Catchpoints*
*\$bpnum is the next
recent b/p set.*



Breakpoint conditions

Also watchpoints and catchpoints.

break SAL if EXPRESSION
condition BPNUM [EXPRESSION]

Yes, any expression

(gdb) list print
3 void
4
5
6



Breakpoint scripts

(gdb) break EXPRESSION
(gdb) commands \$bpnum
silent
print s
end
(gdb)

- Use silent to keep GDB quiet
- Use continue to resume GDB



print/FMT EXPRESSION

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

(gdb) print i++
\$2 = 4



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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 s
Breakpoint 2 at 0x804819b: file lines.c, line 6.
(gdb) c
Continuing.

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Breakpoint 1 at 0x804819b: file lines.c, line 6.
6 print
(gdb) c
Continuing.



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end
(gdb)

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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





