

gdb

GNU DEBUGGER

Debug

breakpoint

check variable value

run program in step

gdb a program

1. Write a c program
2. Compile the c program with -g and -O0
 - `gcc -g -O0 test.c -o test`
3. Run debug command
 - `gdb test`
4. Quit gdb
 - type 'quit' command

View source

list

- list 5, 10
- list test.c:5, 10
- list get_sum

search

reverse-search

Run program

run

Breakpoints

break

- break 7
- break get_sum

enable / disable

delete

Run in step mode

step

next

continue

finish

kill

Check variable

print

display

undisplay

Further

backtrace

break if

watch

rwatch

awatch

Reference

<http://wiki.ubuntu.org.cn/用GDB调试程序>