

SETUP

To set windbg as your default post-mortem debugger (run on crash of programs),
simply run windbg from the command line with the -I option:

C:\wherever\windbg.exe -I

CONTROL FLOW

g - go / continue / run
p - step over
t - step into

(All further commands also work as ta, tc, tt, tct, th - stepping in insted of over)

pa 0xaddress - step to address
pc - step to next call
pt - step to next return
pct - step to next call or return
ph - step to next branching instruction

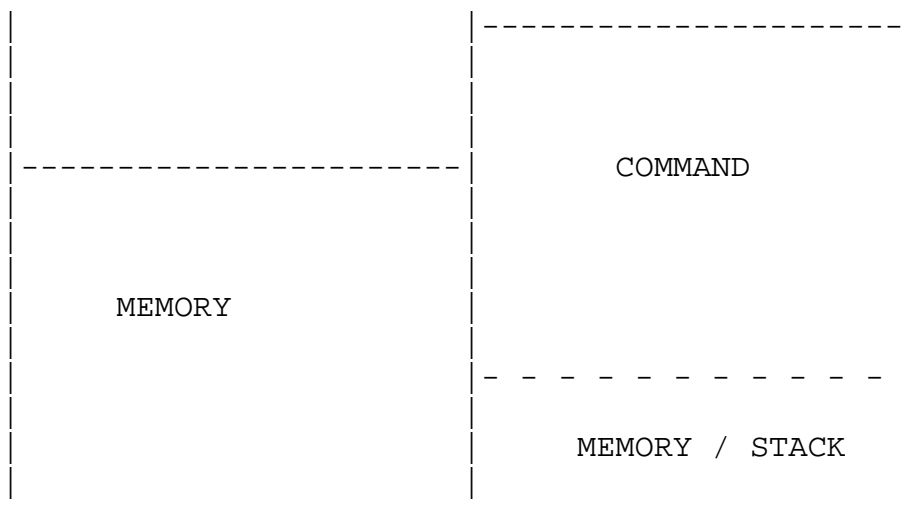
BREAKPOINTS

bp 0xaddress - Set breakpoint
bl - List breakpoints
bd num - disable breakpoint num
bc num - clear breakpoitn num
ba [e|r|w] 1 0xaddress - break on access [execution|read|write]
size address

sxe ld:dllname - Break on load of module dllname

DUMP MEMORY

d[d|w|b|a] 0xaddress - dump [dword|word|byte|ascii] at address
d[d|w|b|a] 0xaddress L5 - option L argument defines how many of
them to dump
dd register - dump contents of a register
ddp 0xaddress - dump contents of address, and whatever
it points to
dda 0xaddress - dump contents of address, and print
the string if it exists
u 0xaddress L5 - disassemble at 0xaddress, L
instructions



MEMORY - Virtual: set to esp to show the stack
If you want a generic memdump AND a constant stack, put another
memory window under
command - yes, you can have as many as you like

REGISTERS - I usually check both boxes in the configuration -
changes show up on top and
in red