

0x2abc
64 bits

|||||

C++ temp mem.

0x20

128

int

int*
0x20

heap

stack

main
d 1.1 p8

foo(int d)
0 1 2 3 4 5 6

bar(char* pc)
P2 P2 Pc
0x2abc 0x20

int b = 10

char c[7]

int* p1 = malloc(64);

double d = 1.1;

bar(&c[5])

int* p2 = malloc(128);
int** pp = malloc(sizeof(int*))

foo(b)
int* pb = &b;

~~new(int* p2)~~

*pp = p2;

new int* (p2);

~~main~~
instruction

exe.