

C++ 复习提纲 (非算法部分)

1. C++ memory layout:
command-line arguments, variables, stack, heap, data segment, text
Pointer/reference, pass by reference/value
Array, passing array
2. C++ data structures/ containers
vector
stack
queue
heap (implemented by priority_queue)
deque
linked list
binary tree, binary search tree
graph
set
map (implemented by BST)
string
graph
3. C++ dynamically allocated memory
Initializing 2D array
4. Bit operation and machine endian
5. Pointer cast, direct type cast
6. C++ key words: const, static/extern, virtual
7. C++ memory allocation: malloc vs. new
8. Object-oriented programming