CS61 Lecture 5

Code word: pink
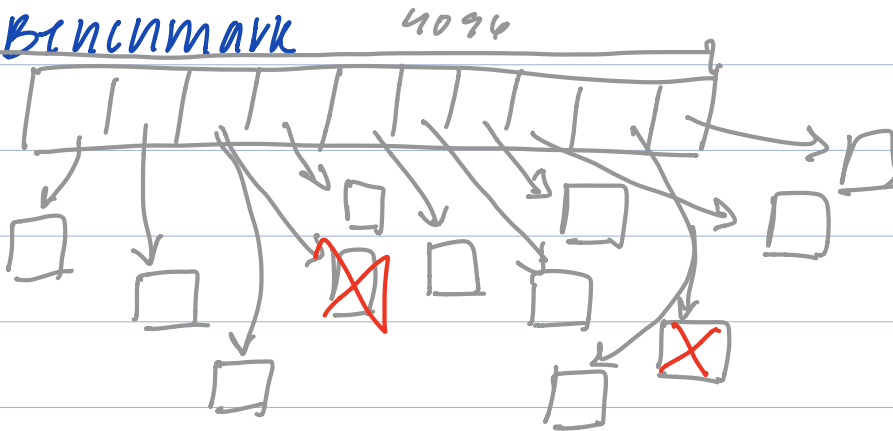
Pset Clarification

| meta data | payload ... | |

long trailer_magic = 0x 08

memcmp(t, &trailer_magic, sizeof(trailer_magic)) == 0

Benchmark

4096
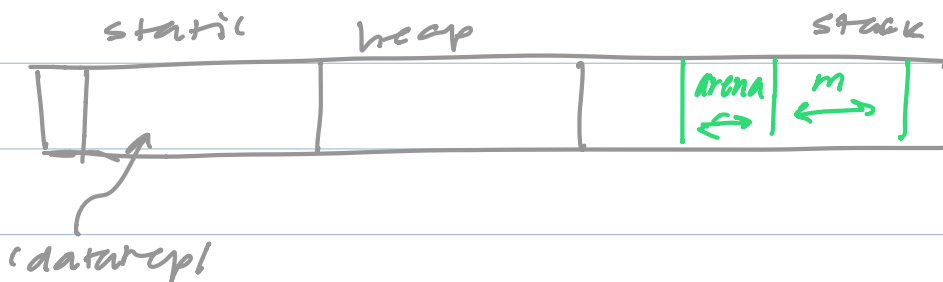

Optimizations.

1. C++ string → char +

   3x faster

Arena allocator: special purpose memory used to improve performance

```
class    allocator <T> {

    T*    allocate();
    void  deallocate (T* ptr)
}
```


static   heap   stack

| | Arena | m |

(datarepl)

const unsigned nodes = 4096;

membrode