| 1-1 | Manual |
|-----|---|
| _ | - sound ? No memory archead - fragmentation |
| | -complete? NO. ???90 -cost - Malloc - Ign free Ign |
| | -latency - uniform w1 spikes |
| | |
| | Reference Counting / Smart Pointers |
| | Every object has a count of the number of aliases |
| | Before After |
| | X => x8000 => 5 X => x8000 => 5 |
| | y 7 +x8008 -7 3 |
| | Z Z |
| | when you create a reference, increment court (retain) |
| | when you destroy areference, decrement (release) |
| | If the cont==0, free |
| | - Sound? No - you might forget to call retain/release |
| | - completeness? . Cyclic references |
| | A B always line forever |
| | |
| | |
| | - memory overhead - fragmentation, no copies, cycles spend, counters take |
| | word compers = 7 25%, 50% to space |
| | byte counter => small, but significant 5% |
| | relam (*p) release (xp) |
| | relan(*p) release (xp) it count = 255 count++; count-; |
| | - time - malloc + free same , still have spikes |
| | uplating counts isn't free Trun. form tax to work |
| | Ly w. case for caches |
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