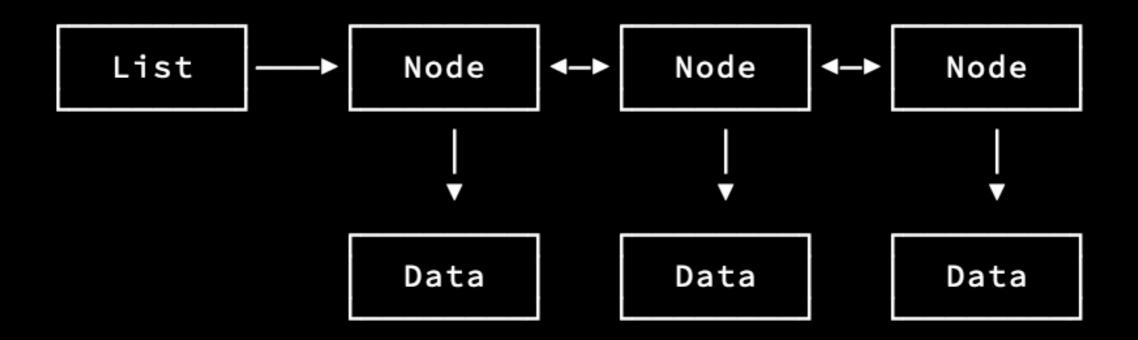
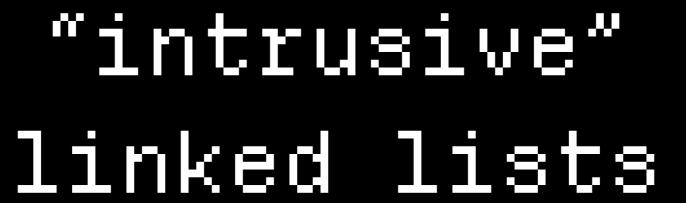
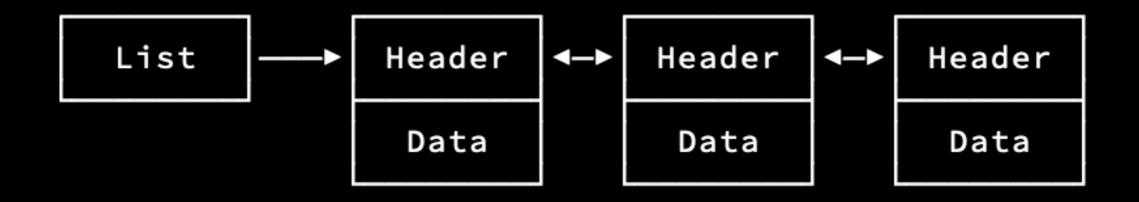


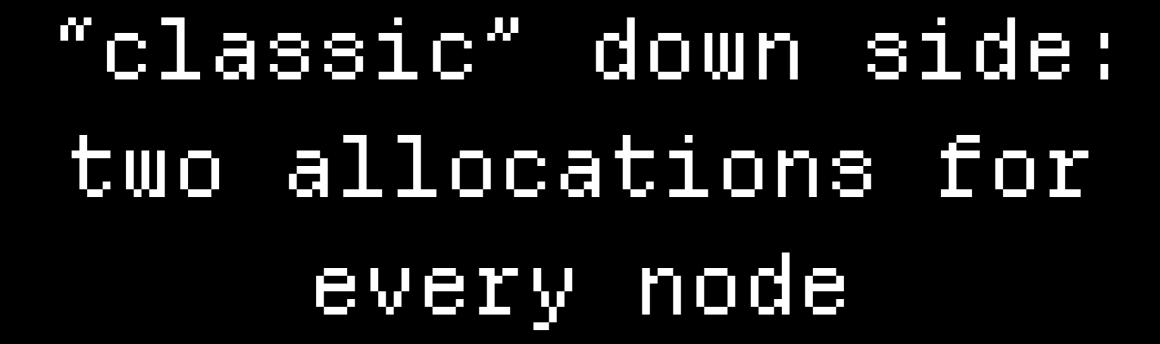
concept reminder



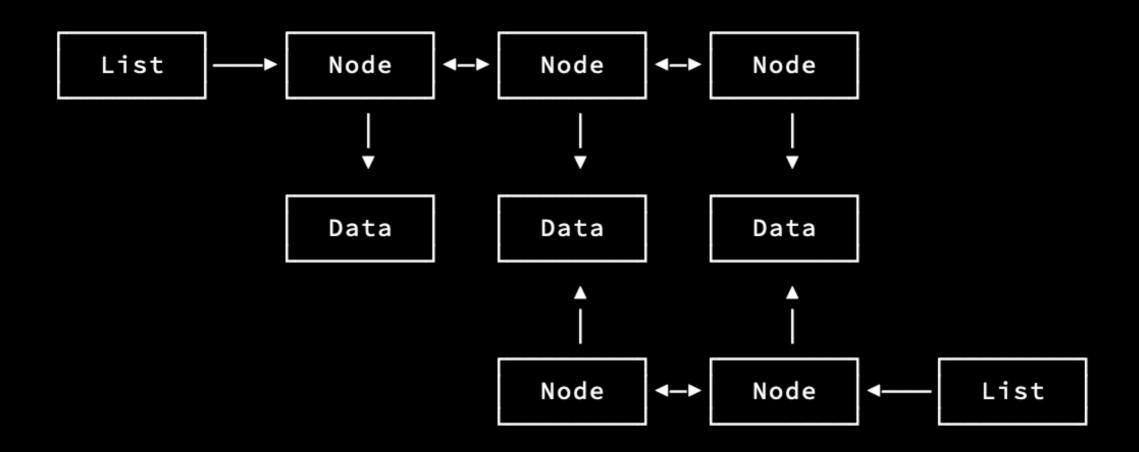


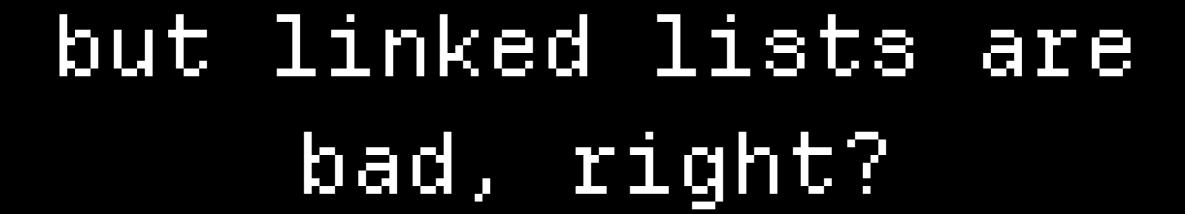


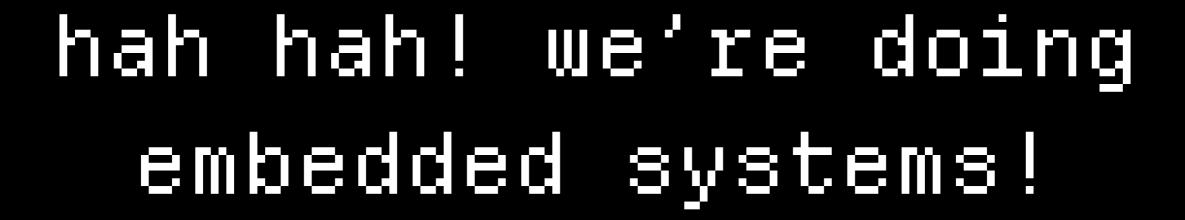




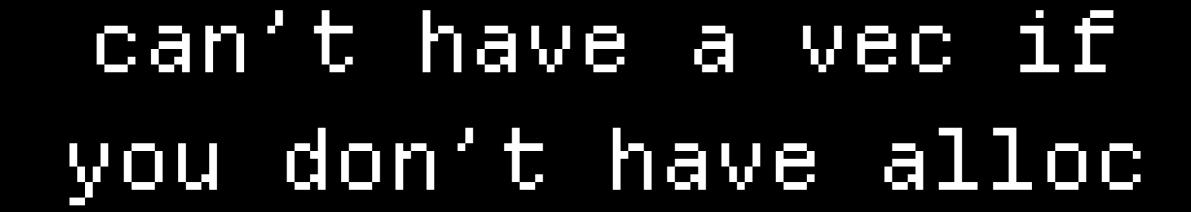
"classic" up side:
items can exist in
multiple lists







can't have a cache miss if you don't have cache



fun fact: this is listed as an "uqh, <u>whatever" note on</u> <u>"Too Many Linked</u> Lists"

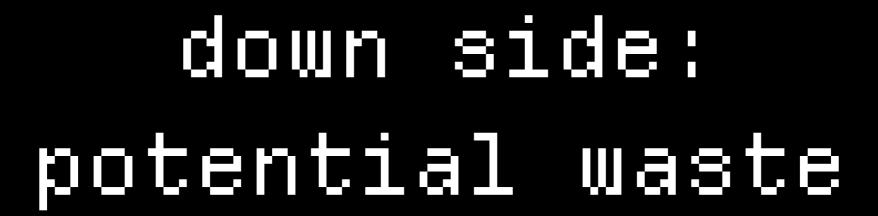
Mumble mumble kernel embedded something something intrusive.

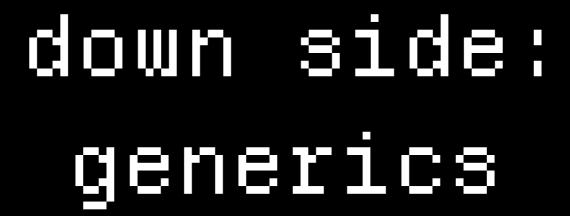
It's niche. You're talking about a situation where you're not even using your language's *runtime*. Is that not a red flag that you're doing something strange?

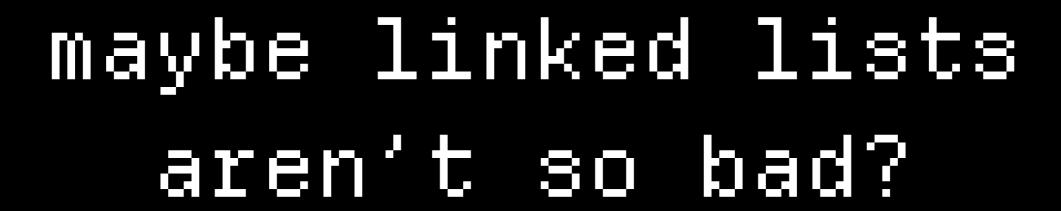
It's also wildly unsafe.

But sure. Build your awesome zero-allocation lists on the stack.

so how do you have a "variable" quantity w/o vec? usually: upper-bound collections

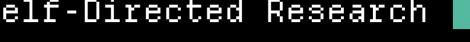








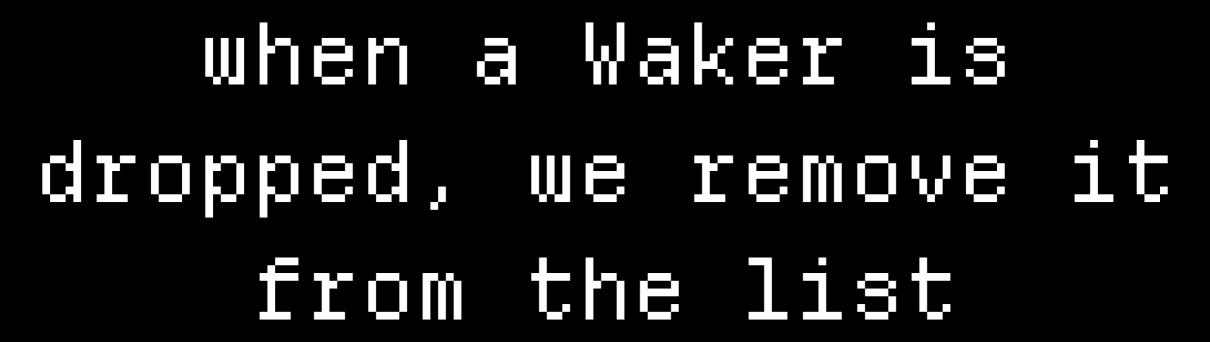






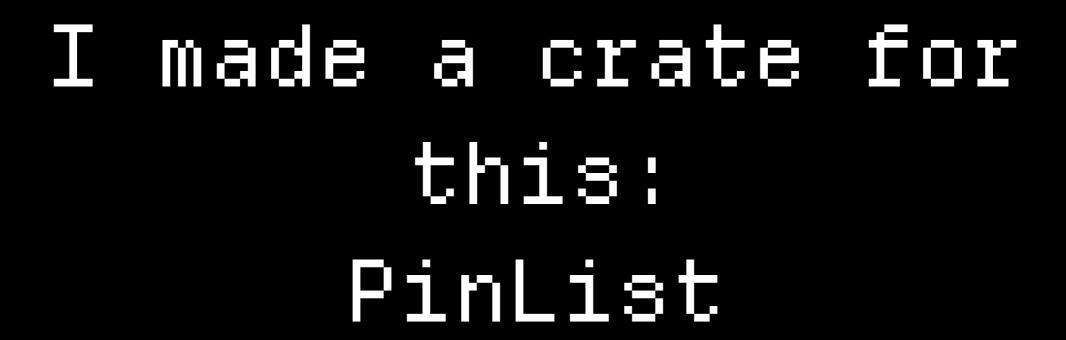


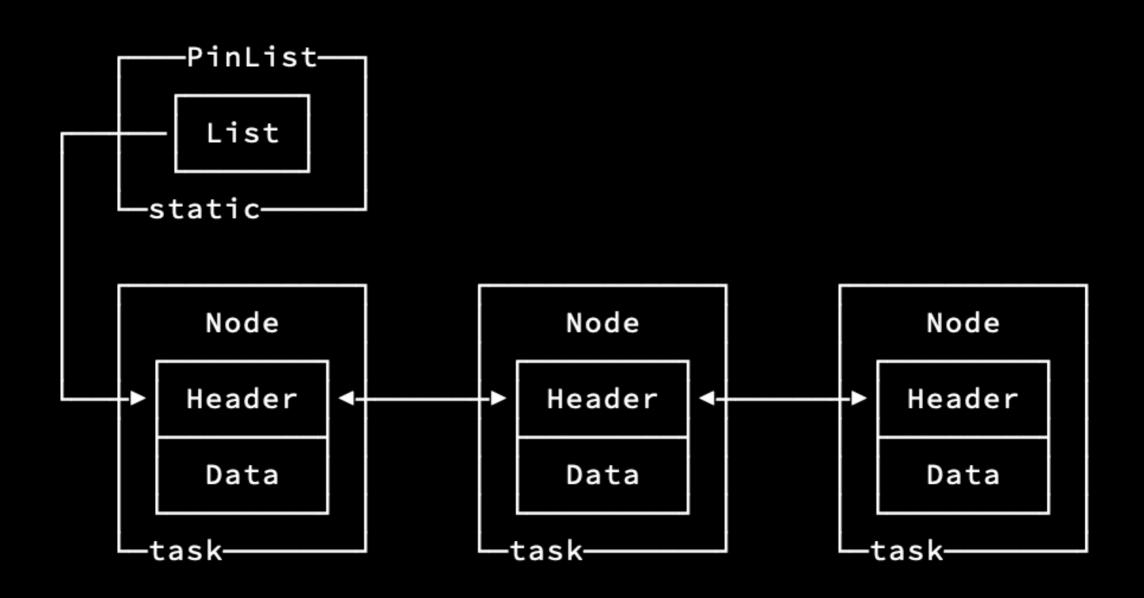


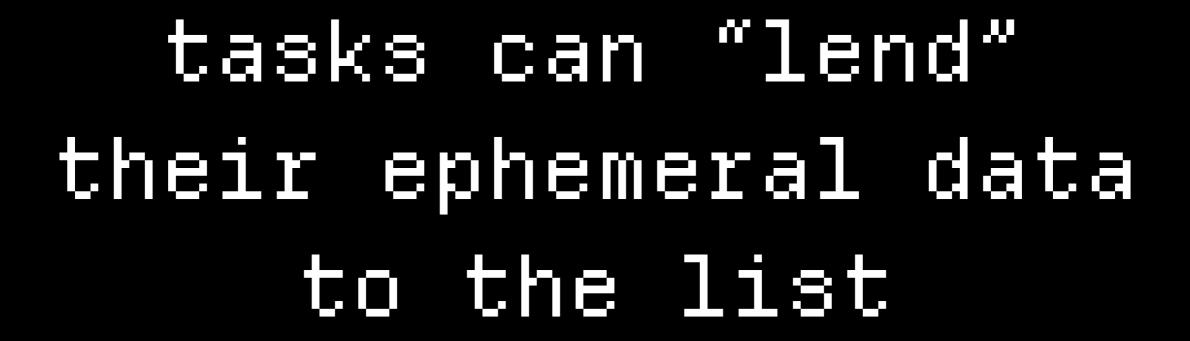


when the WaitQueue is dropped: all items are removed from the list



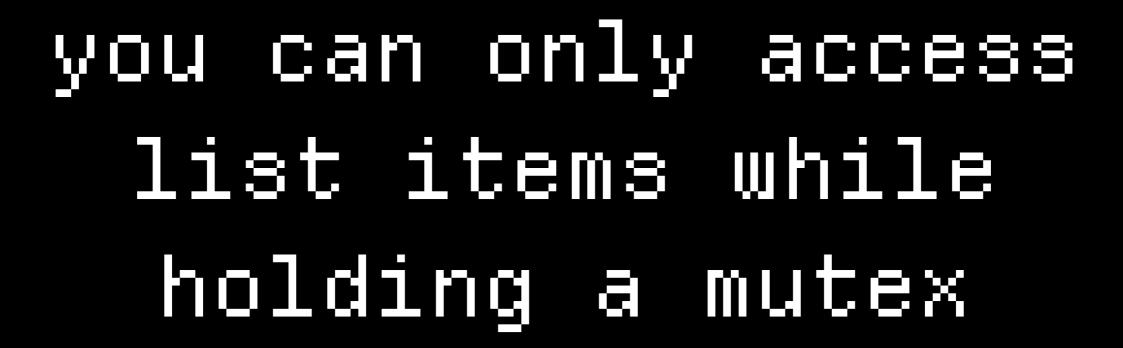


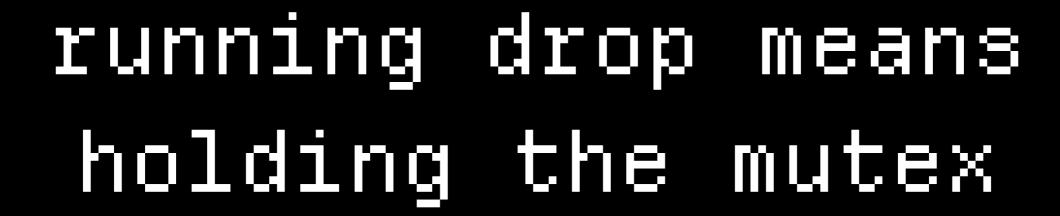




but wait, how do we put non-'static data in a static list?







and since as long as it's on the list, it exists:

good enough!

this lets you do very cool things, like separating i/o workers from "data"

cfg-noodle: embedded storage library ergot: embedded networking library

