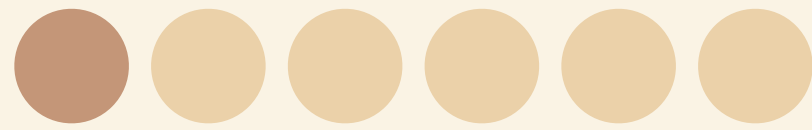


nebu¹let

an os with old notions and new ideas

nebulet is an operating system that uses **webassembly** as its **primary executable format**

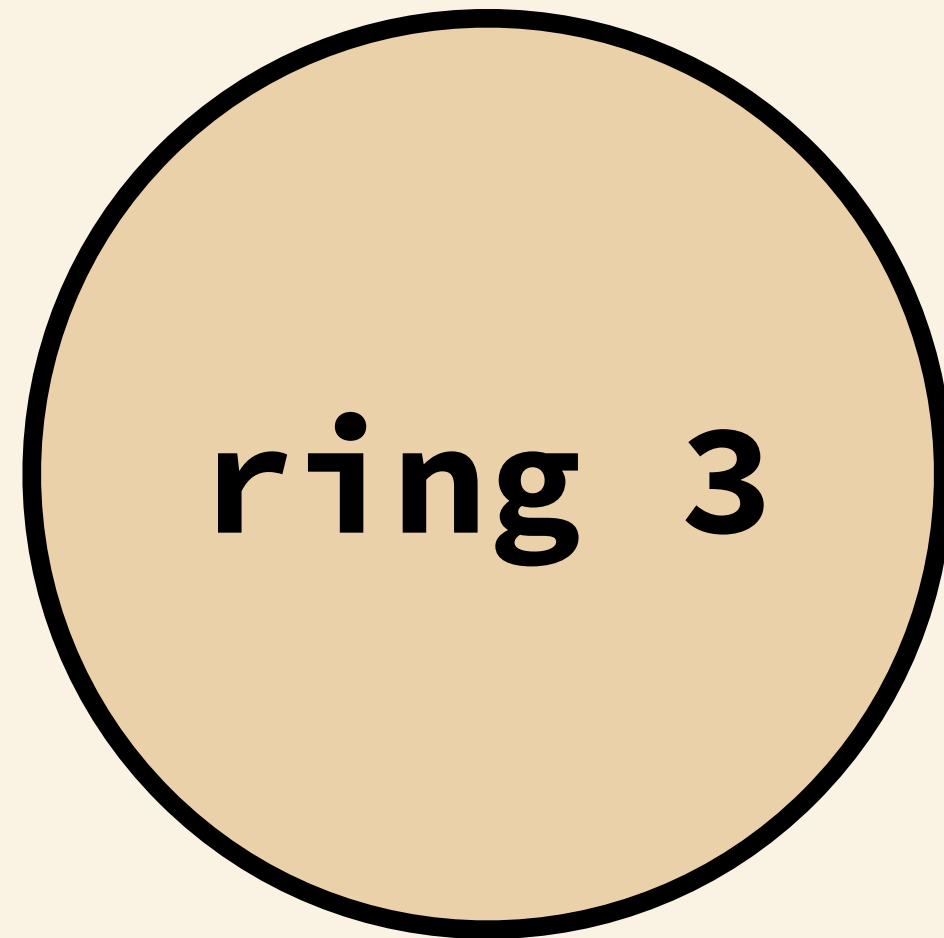
nebulet is a **microkernel** that runs
webassembly in **ring 0** for decreased **syscall**
overhead

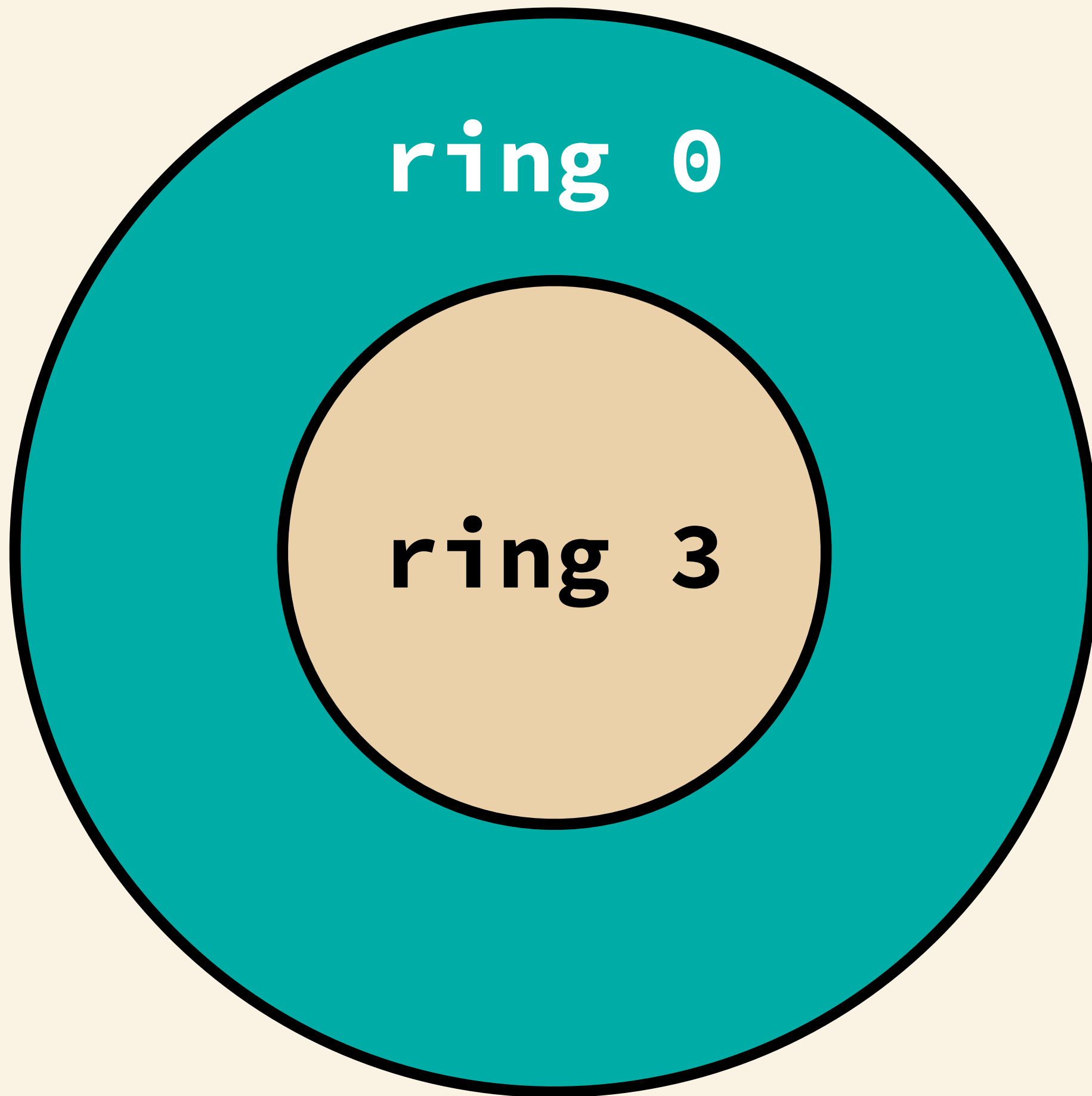


PROTECTION



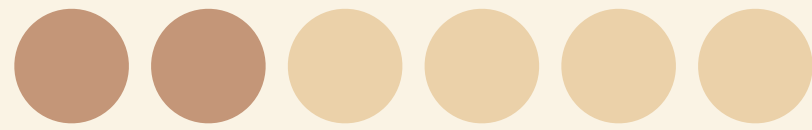
SECURITY



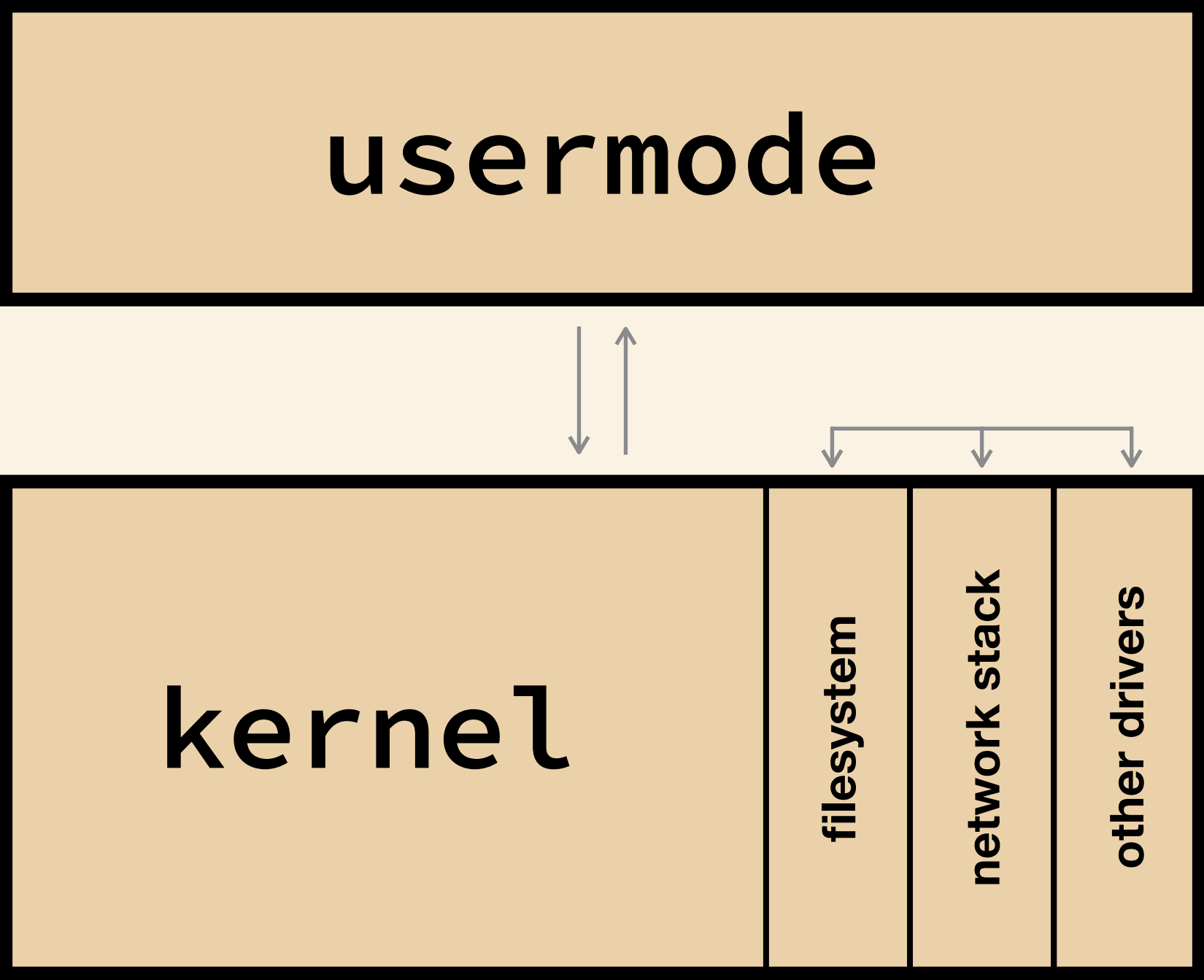


ring 0

ring 3



monolithic operating systems



usermode

ring 0

kernel

filesystem

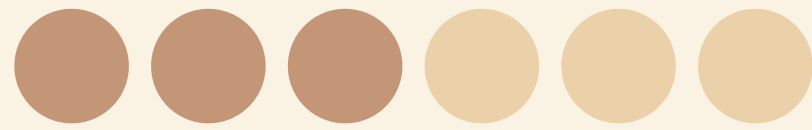
network stack

other drivers

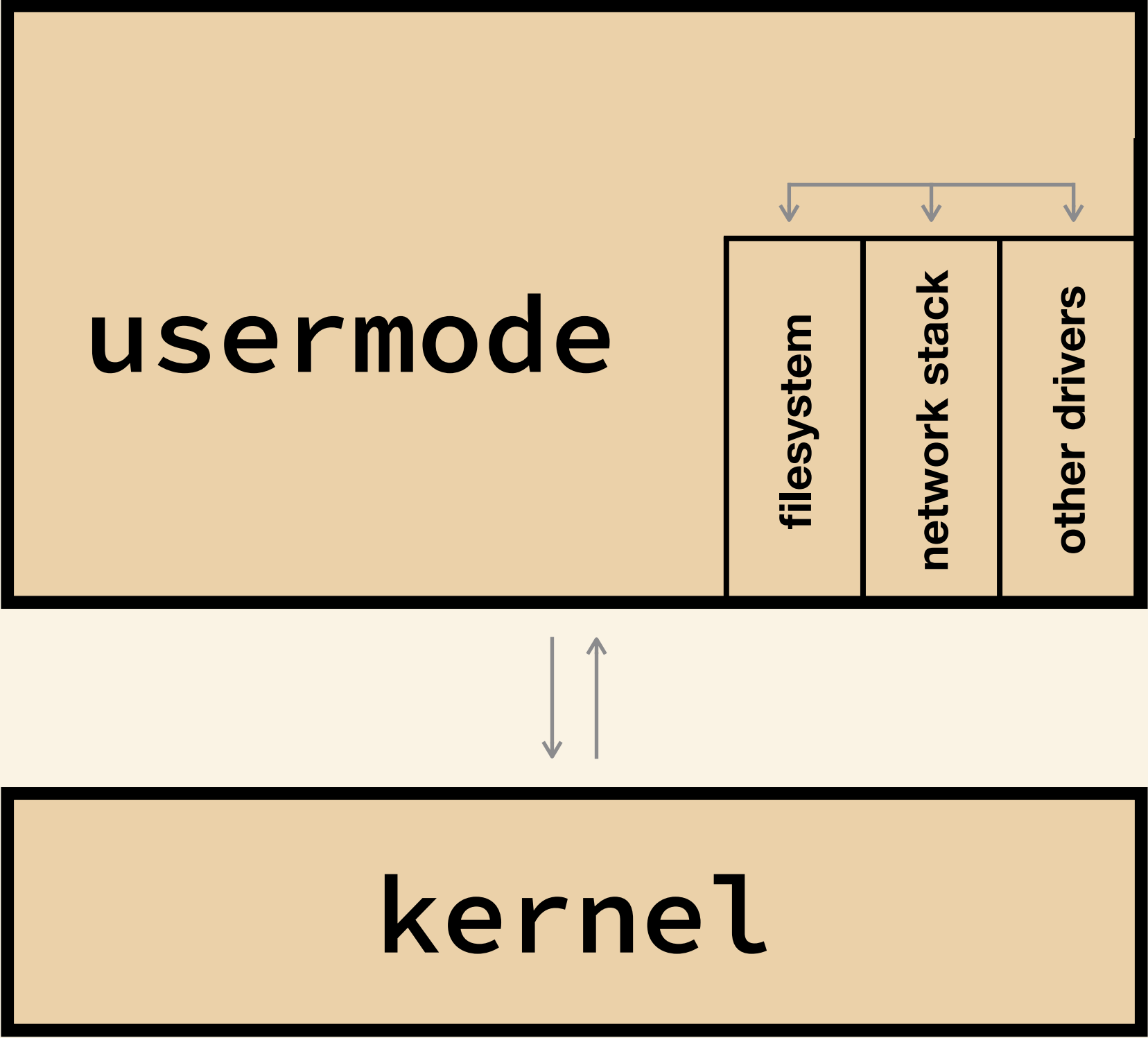
FAST

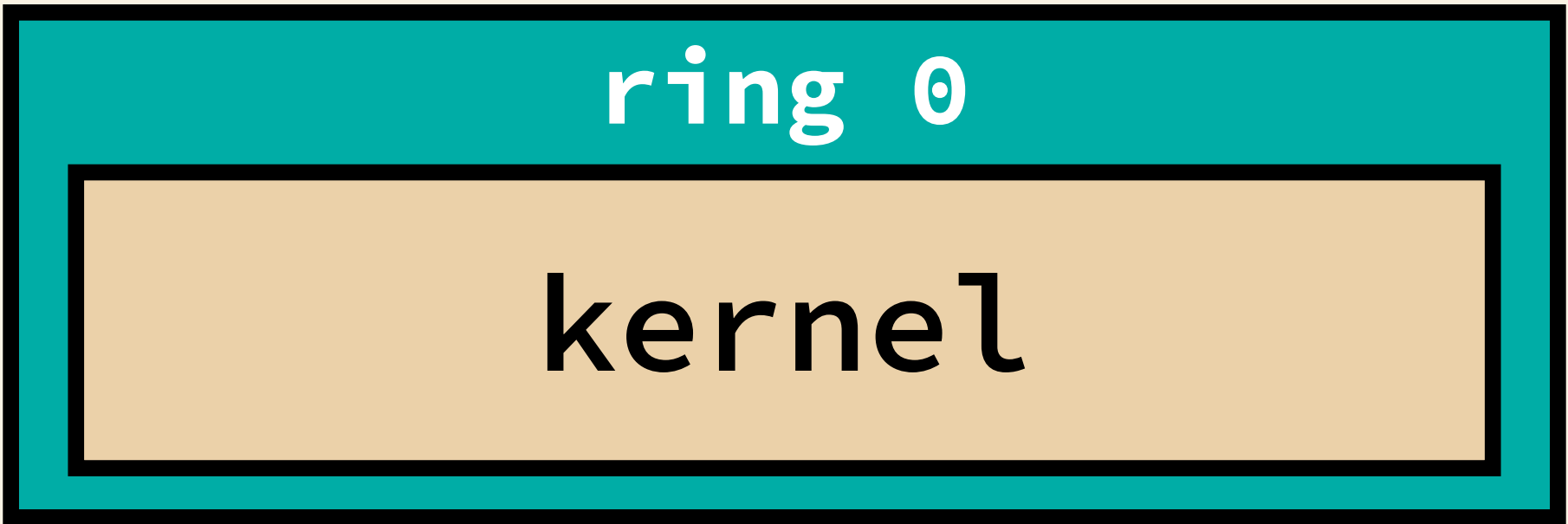
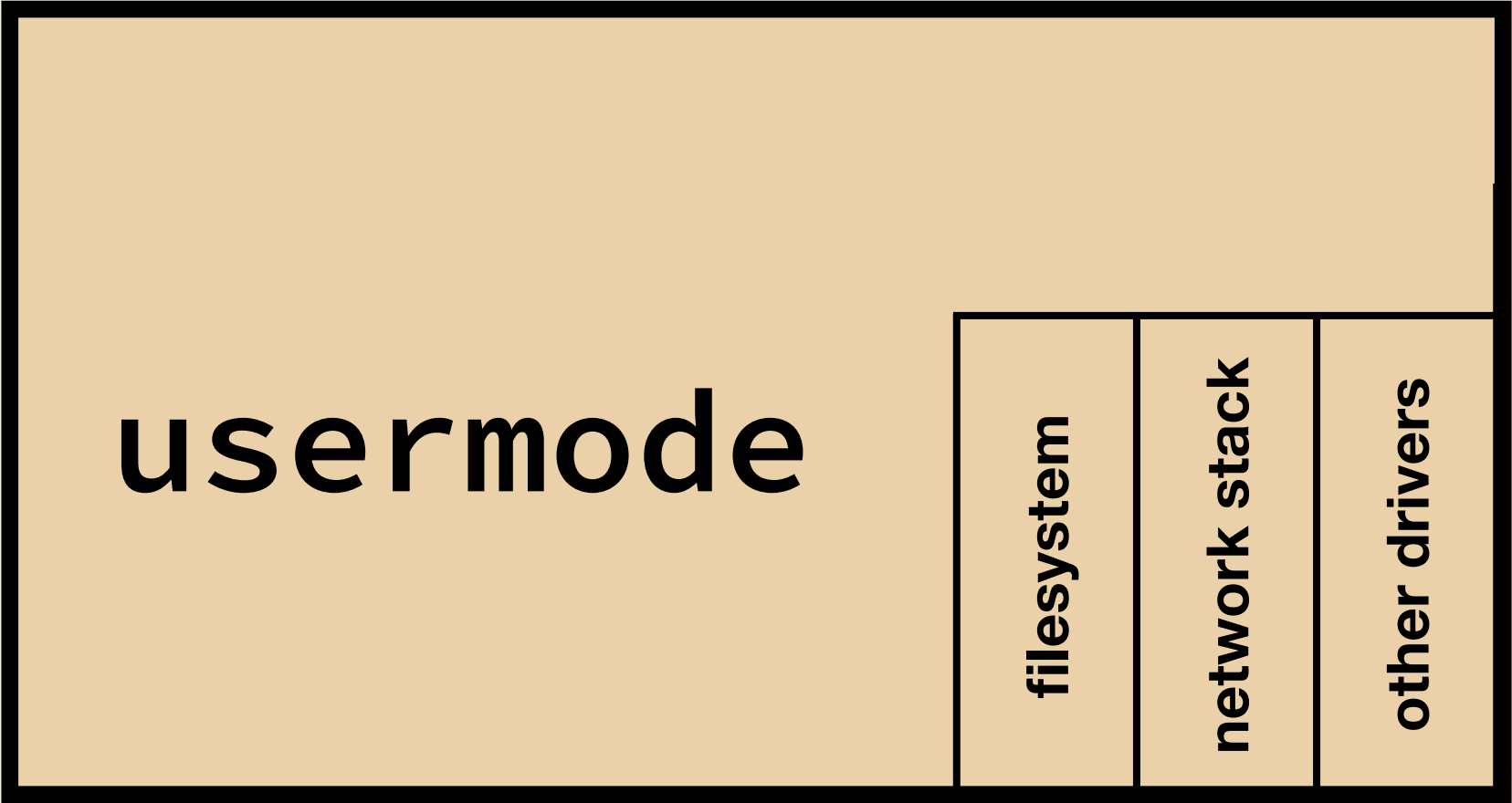
but

MONOLITHIC



microkernel operating systems

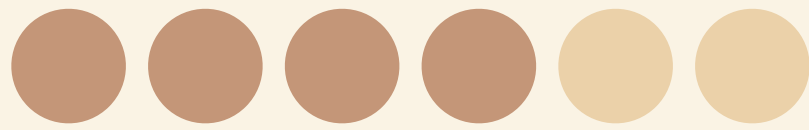




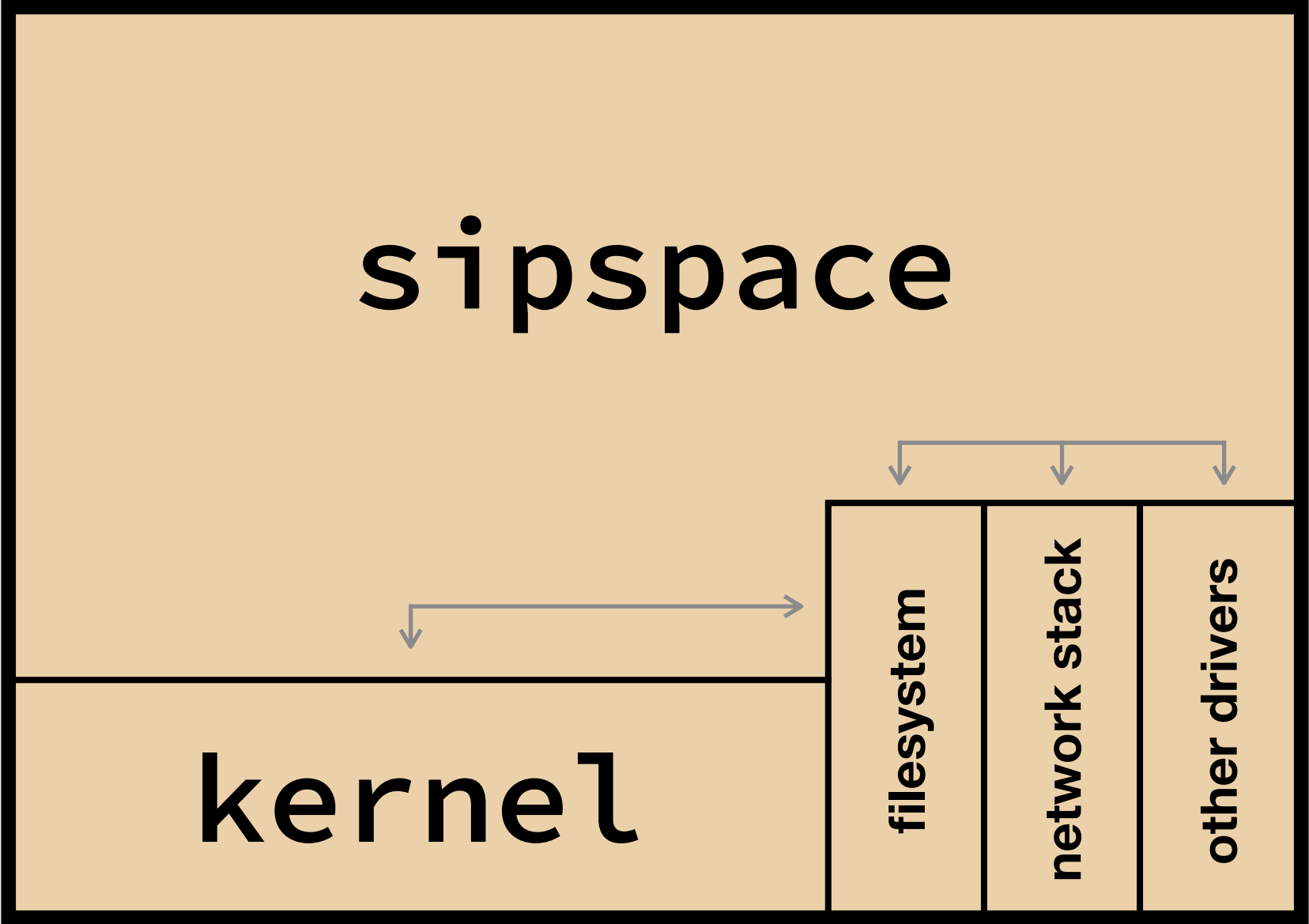
MODULAR

but

SLOWER



nebulat



ring 0

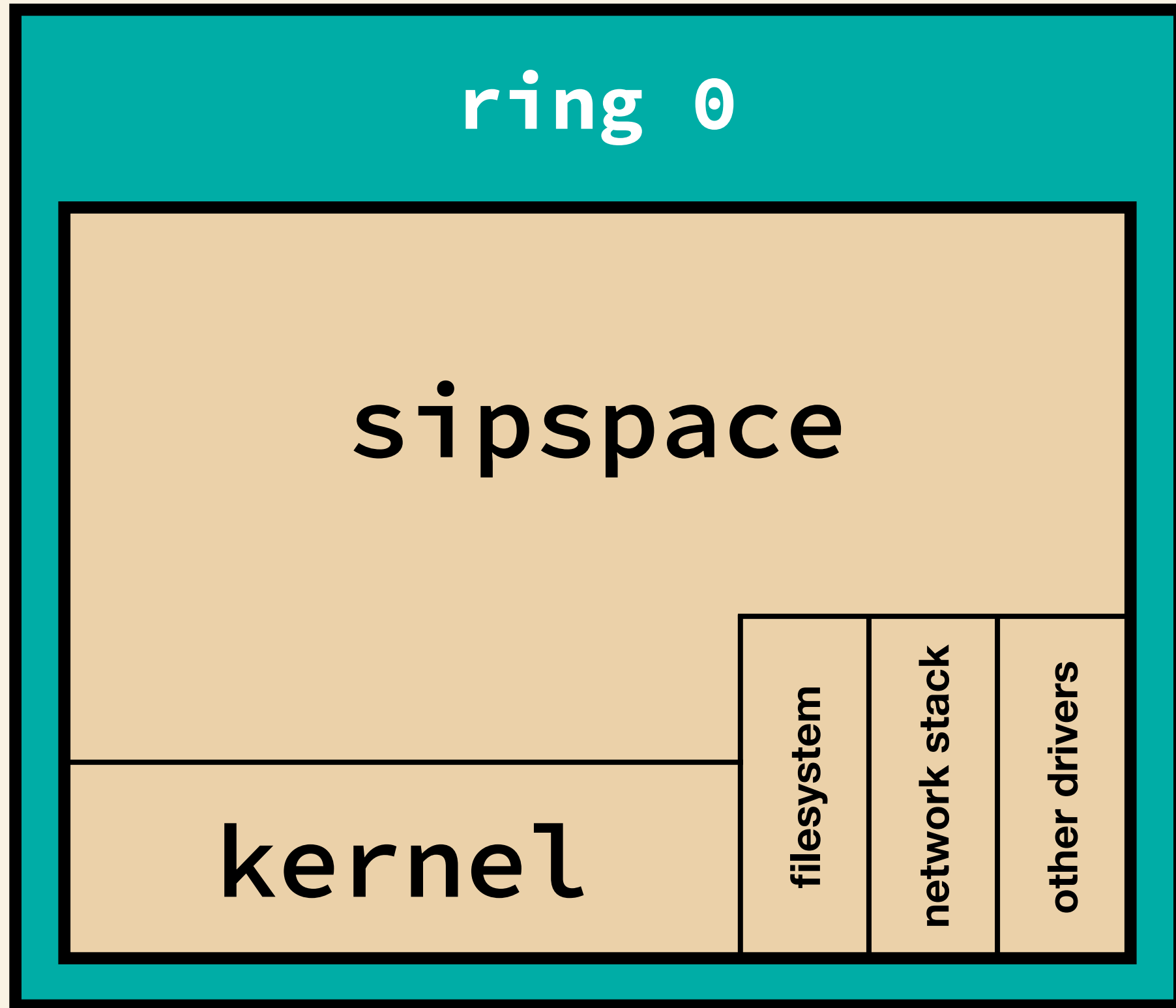
sipspace

kernel

filesystem

network stack

other drivers



monolithic?

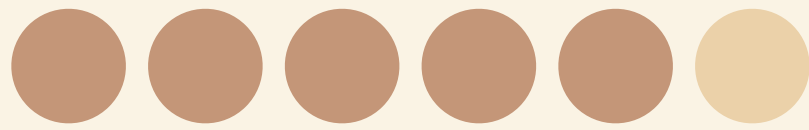
microkernel?

both?

BEST OF

both

WORLDS?

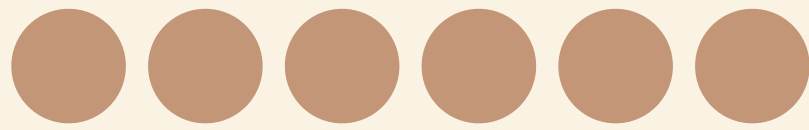


WHY

make

this?

What
could this
be used for?



thank you!

questions?