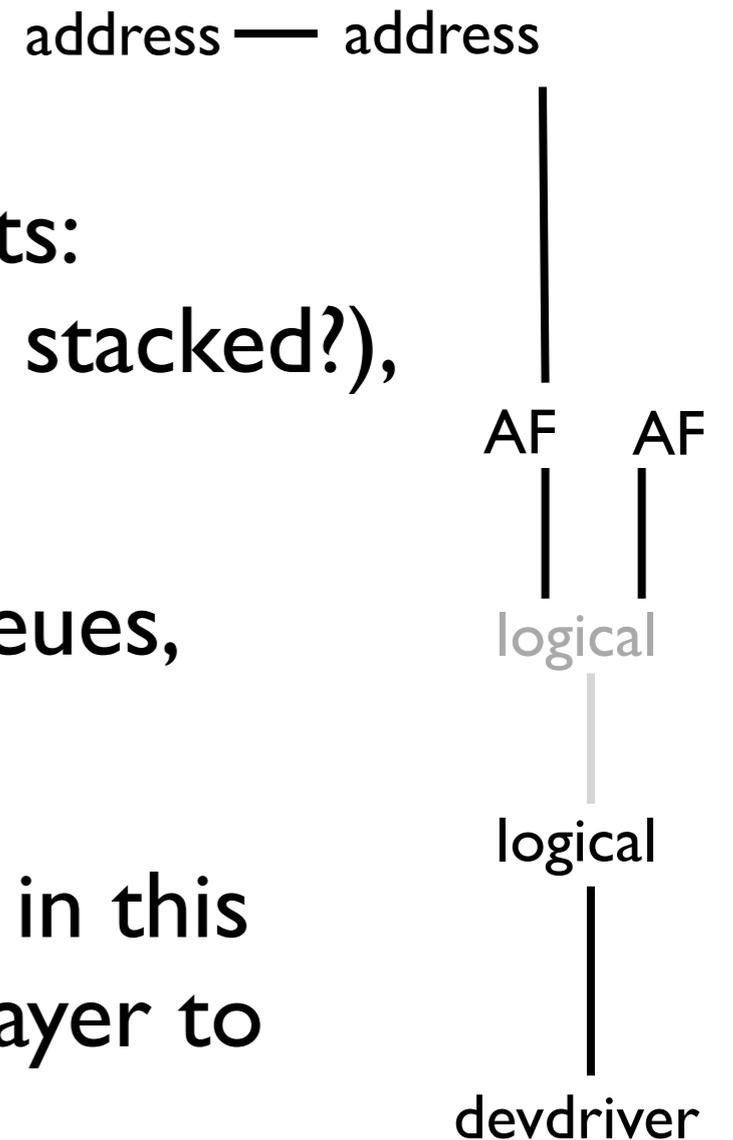


Network Stack

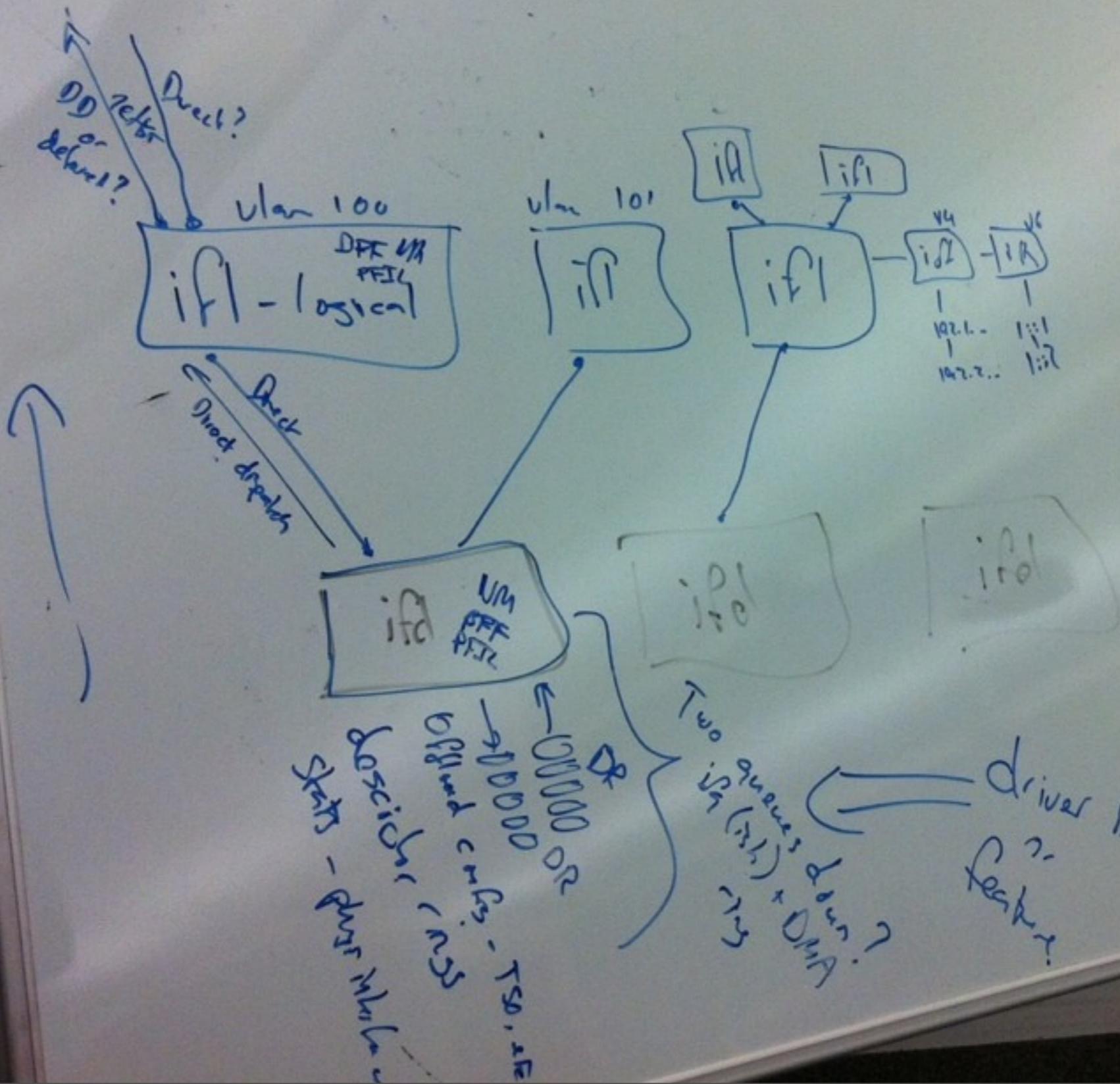
Cambridge FreeBSD Developer Summit 2012

Link-Layer

- Rework
- Analyzed currently suggested concepts: device driver, logical devices (possibly stacked?), address families and addresses.
- Pondered layering, up-/down-calls, queues, stats, bpf, and filtering, ...
- Other discussions: netmap comes up, in this context where to put the boundary/layer to attach to.



\$X world view - accept ifl graph
 ifds at bottom - device driver
 ifl



- ① Naming
 - ② logical interface too big - too much crap. Kitchen sink.
- ⇒ Doesn't scale

Link-Layer

- TODO:
- Go through current `struct ifnet` and decide where each member would go in the new world order.

IPv6

- Gone through IPv6TODO on wiki.
- How to handle lagg/bridge groups, .. link-local.
- Make sure we can switch to "ipv6_prefer" for 10.0.
- Need 3484bis parts.
- Other near-term items? ra/ns table flooding, fix TAHI test failure(s).