Team driver (mind concept)

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Motivation

- Make an easy, well understood and userspace driven alternate to bonding driver

- No way to do this by editing current bonding driver

Bonding driver now

- It's huge and messy -> buggy

- All logic is in kernel

- Does what it should not do (e.g. sending and receiving arp packets, 802.3ad, ..)

- Too many config interfaces

- Rx path was ugly (better now using rx_handler)

Team driver in future

- It should be very simple

- Kernel part should consist only of necessary things

- All logic should be done in userspace daemon

Userspace daemon

- Communication with kernel part will be done via one well defined API (using netlink probably)

- Will be easy to modify

- Will be modular

- Anybody would have an opportunity to write his own

How to divide

- The right cut between kernel part and daemon has to be found

- Should kernel part have some kind of backup plan in case the daemon die unexpectedly?

Questions?