Generalized Forwarding

```
# table = dict()
on recv(pkt, ifin):
    if pkt.dst in table:
        send(pkt, table[pkt.dst])
    else:
        # Drop the packet
```
At hosts:
  on boot?

At switches:
  on boot

on communication

Link state routing
An Aside: Detecting failures

Diagram with nodes labeled A, B, C, D, and edges labeled h3, h0, and h1.
Handing failures in Link State Routing
Problems with Link State

Amount of state in each node?

How to address?
Distance Vector

Want to move to using less memory per node.

What can we get to?

What we will get to
Protocol

Think about starting from the spanning tree protocol

Treat each host as a root?