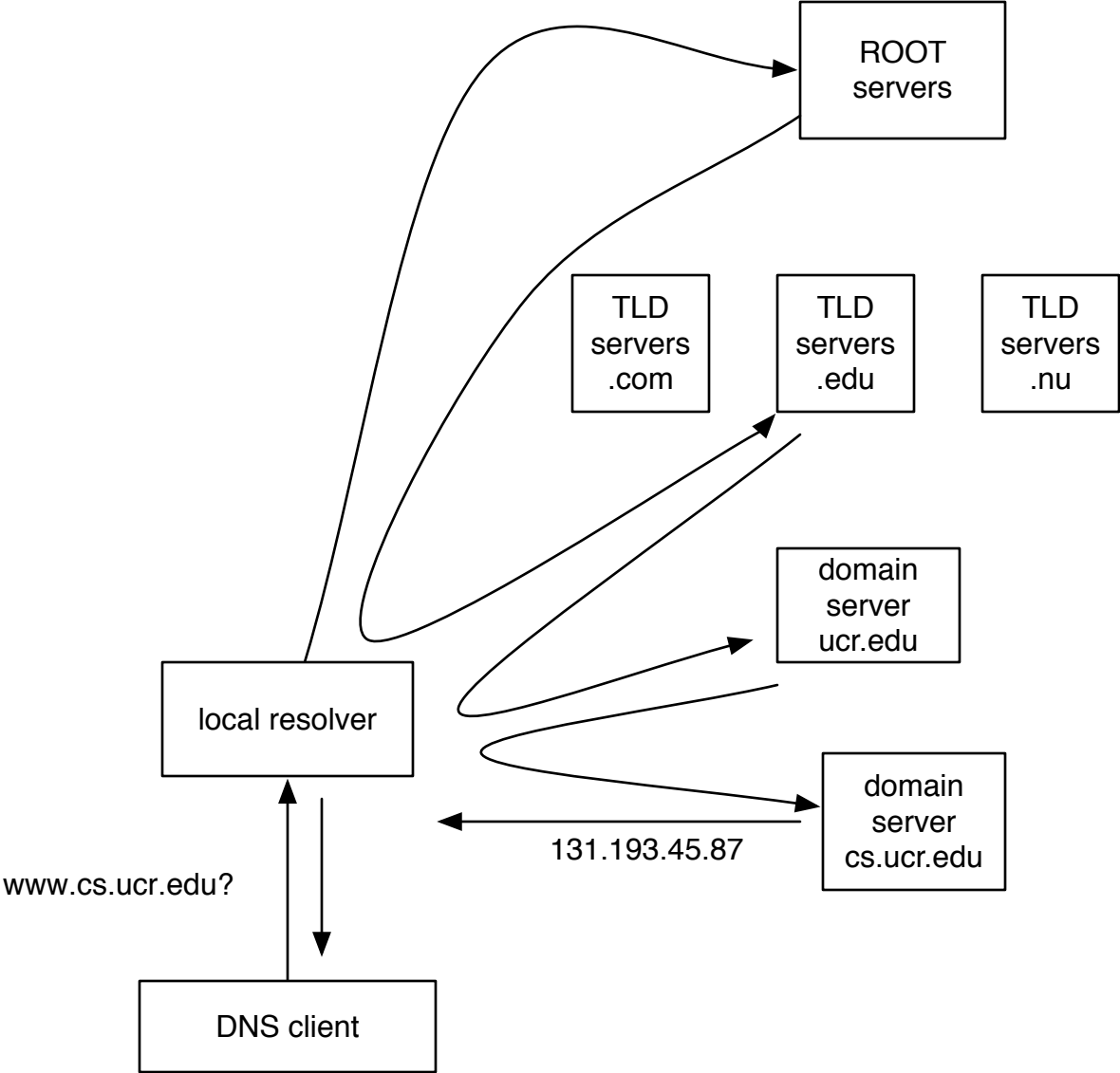
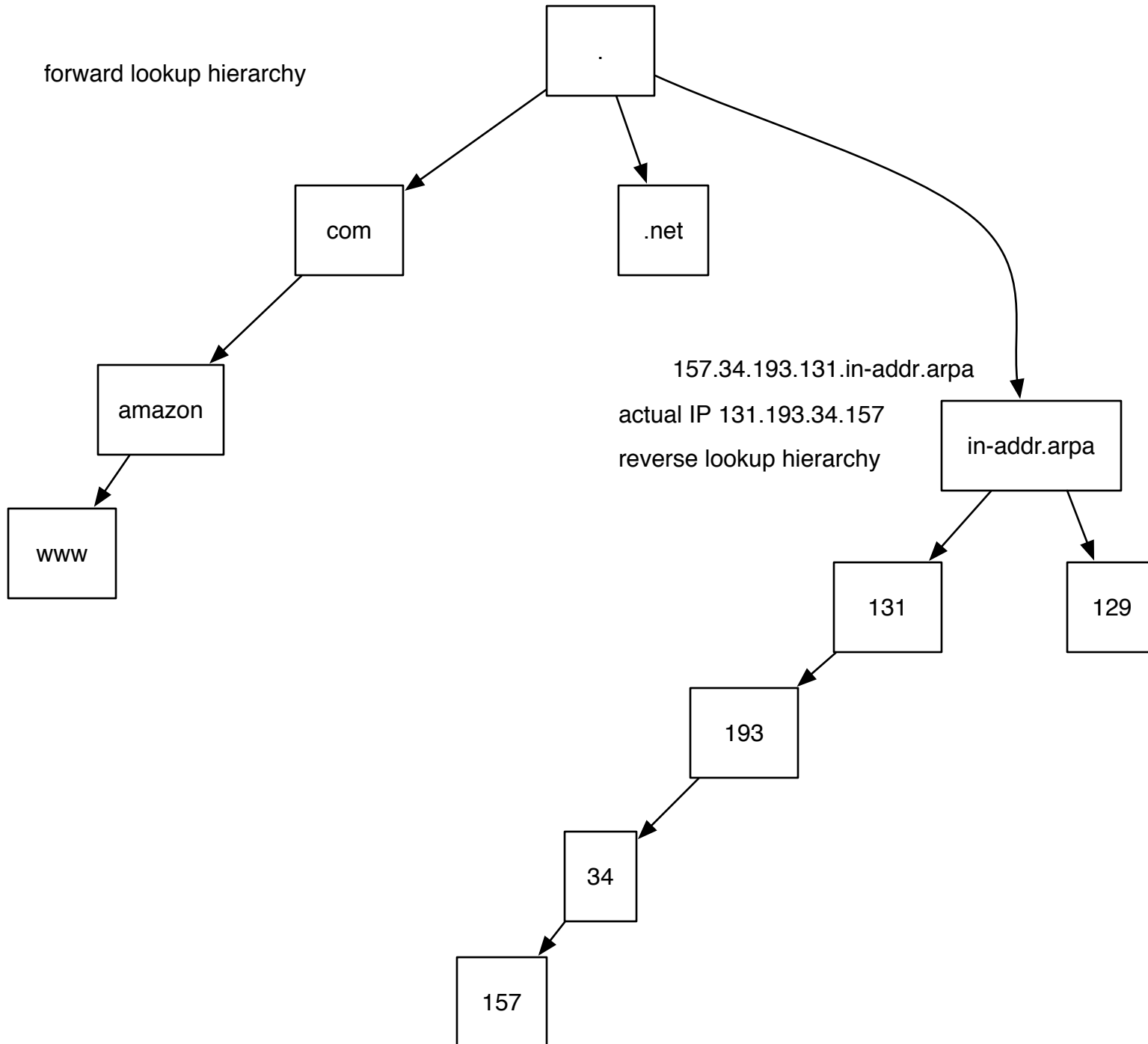


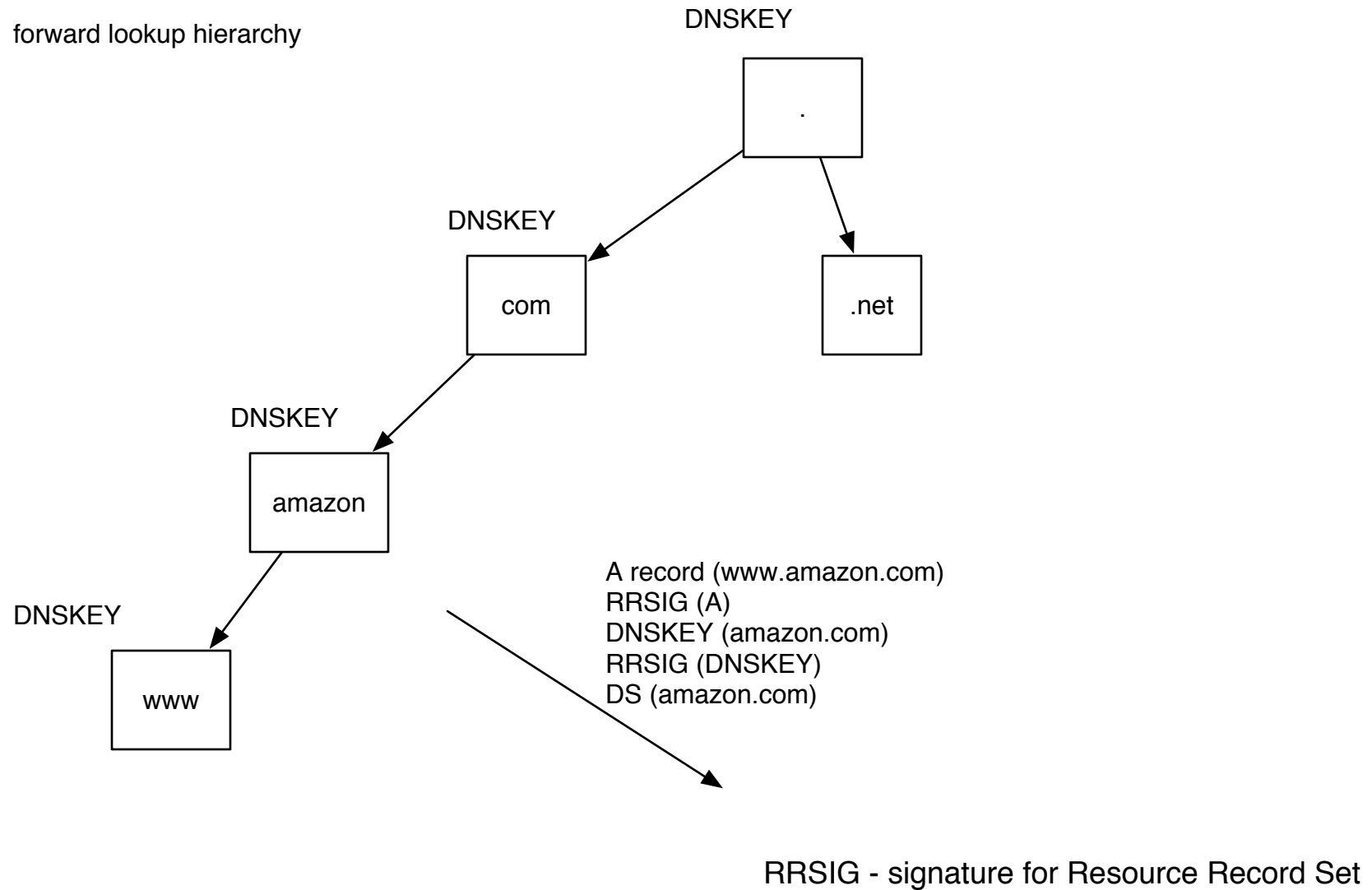
DNS



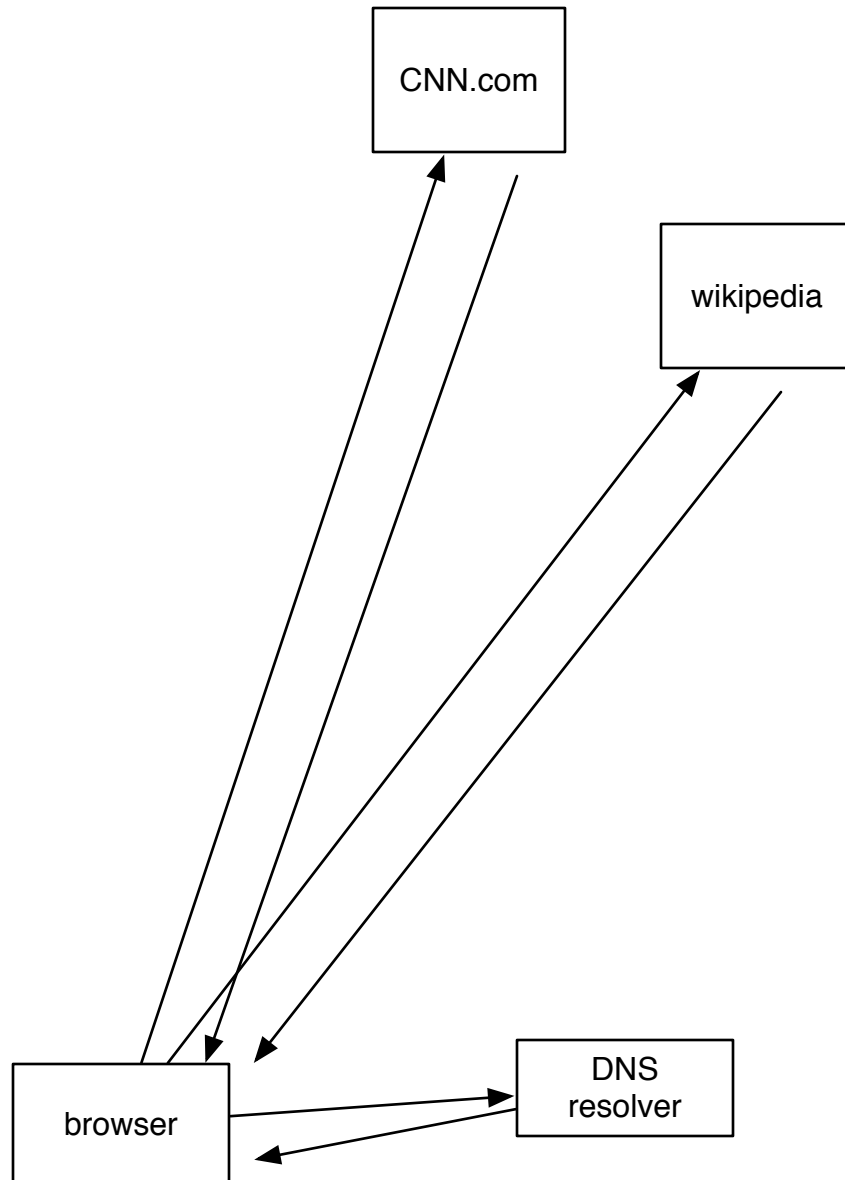
forward lookup hierarchy



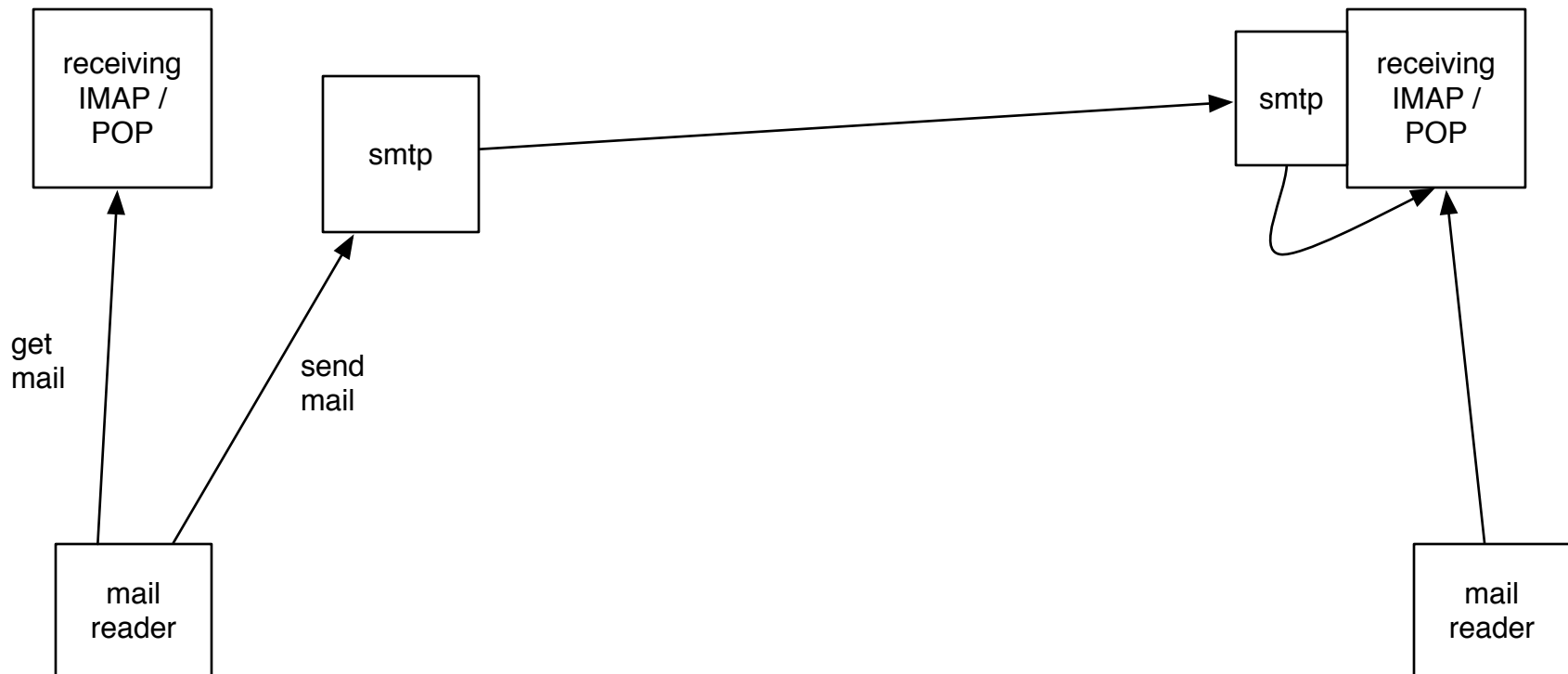
forward lookup hierarchy



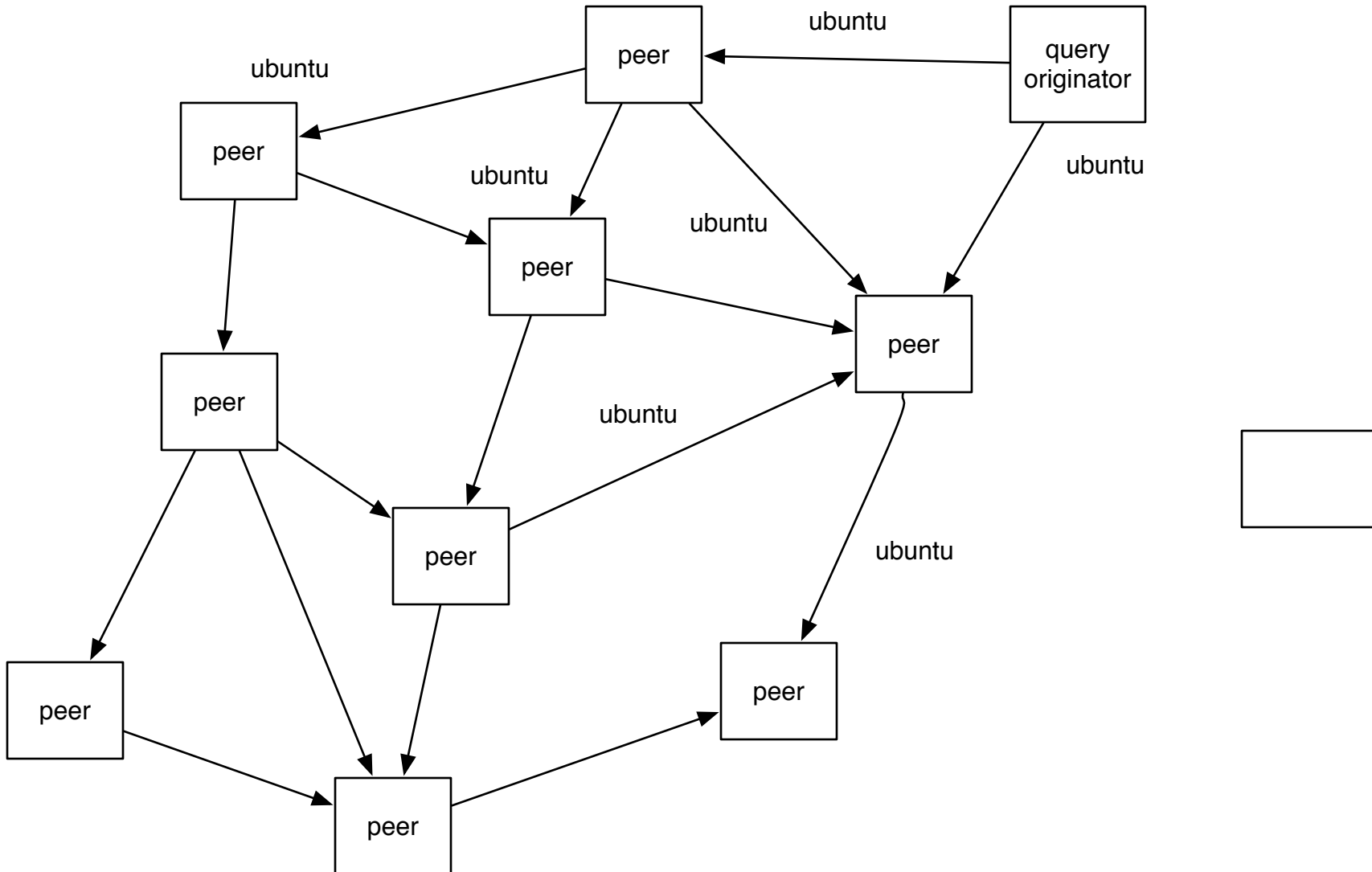
WWW

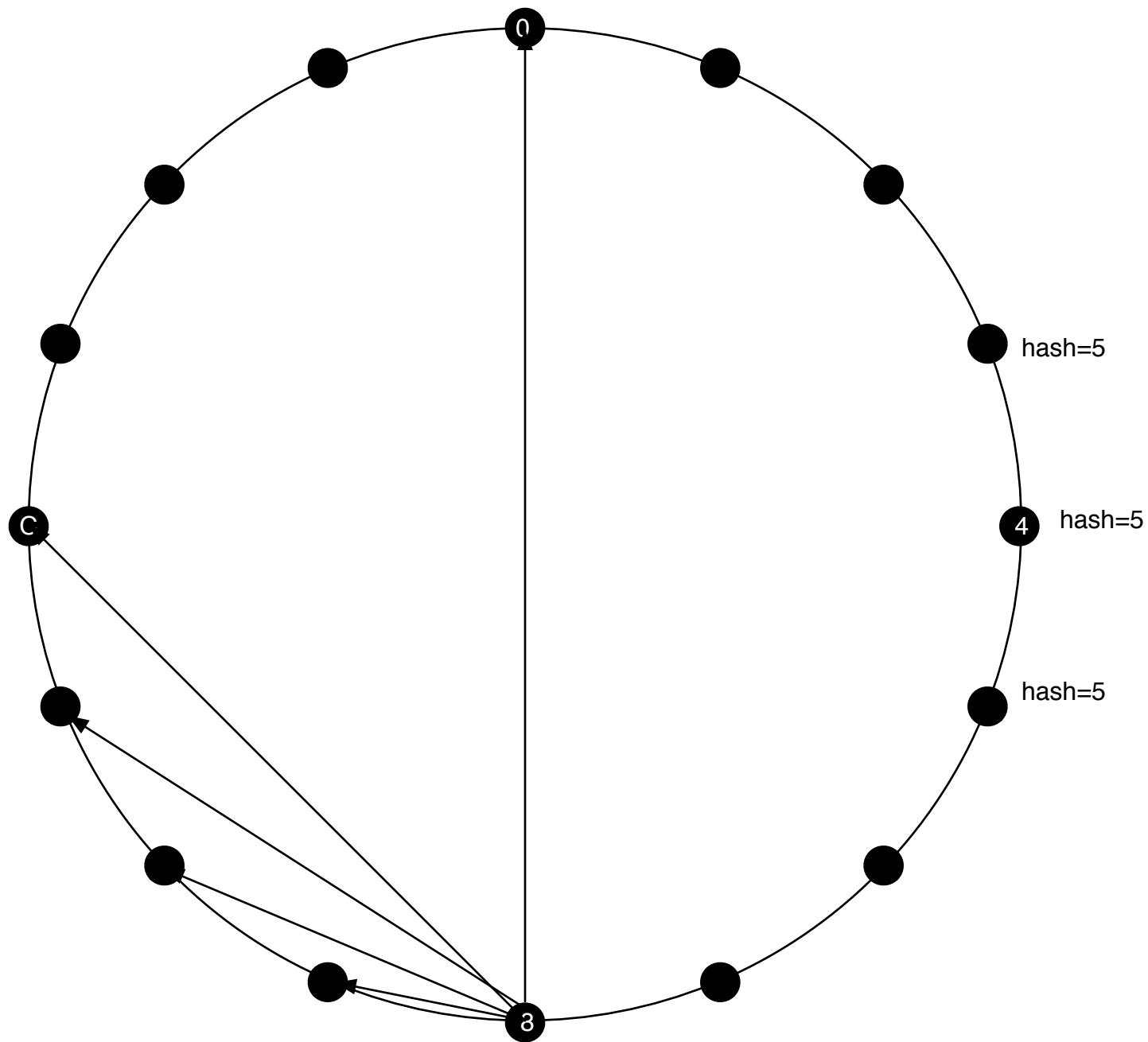


email



GNUTELLA content search





application (messages)

send / receive - socket functions

transport (segments)

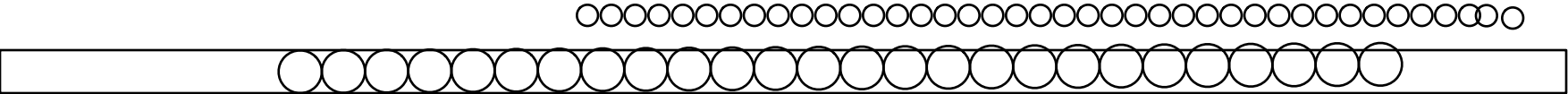
OS internal API, IP packets exchanged

network layer (packets)

link

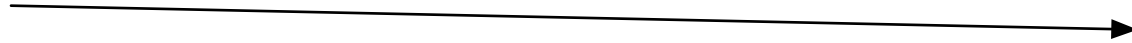
PHY

MEDIUM

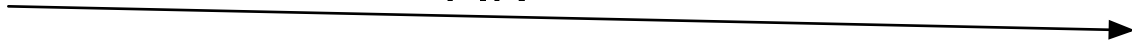


SENDER

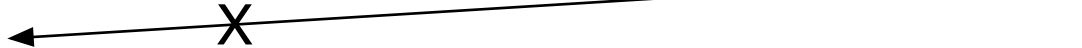
RECEIVER



FIN

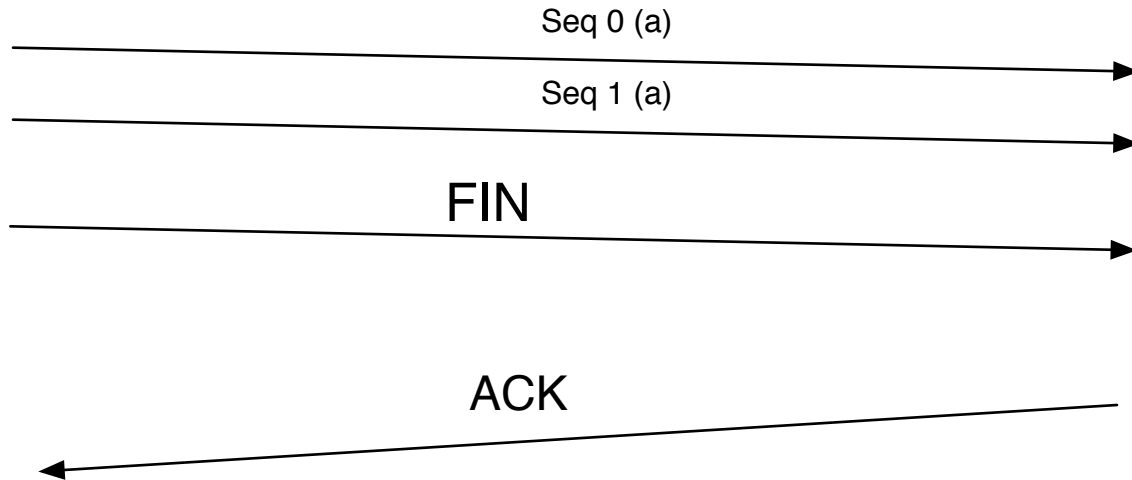


ACK

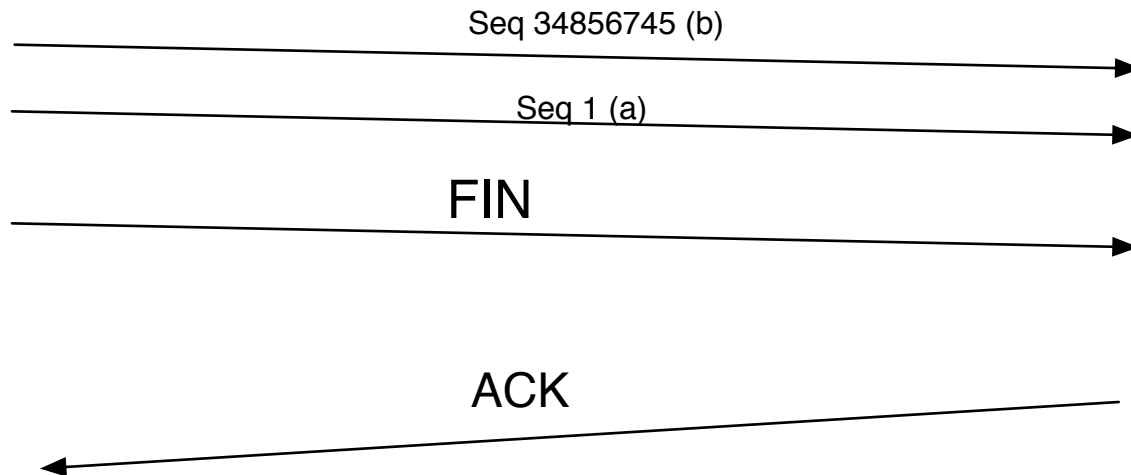


SENDER

RECEIVER



identify "sockets" connections
by 4-tuple (src ip, src port, dst ip, dst port)



10

13

14

12

13

16

17

12

13

14

15

