

Reciever

rdt_rcv(rcvpkt) && has_seq0 && notcorrupted

unpack(rcvpkt.data)
send_data(data)
sndpkt = make_pkt(ack, checksum)
tolayer3(sndpkt)

rdt_rcv(rcvpkt) && corrupted

sndpkt = make_pkt(NAK, checksum)
tolayer3(sndpkt)

rdt_rcv(rcvpkt) && corrupted

sndpkt = make_pkt(NAK, checksum)
tolayer3(sndpkt)

Wait for 0 from
sender

Wait for 1 from
sender

rdt_rcv(rcvpkt) && notcorrupted && has_seq1

sndpkt = make_pkt(ACK, checksum)
tolayer3(sndpkt)

rdt_rcv(rcvpkt) && notcorrupted && has_seq0

sndpkt = make_pkt(ACK, checksum)
tolayer3(sndpkt)

rdt_rcv(rcvpkt) && has_seq1 && notcorrupted

unpack(rcvpkt.data)
send_data(data)
sndpkt = make_pkt(ack, checksum)
tolayer3(sndpkt)