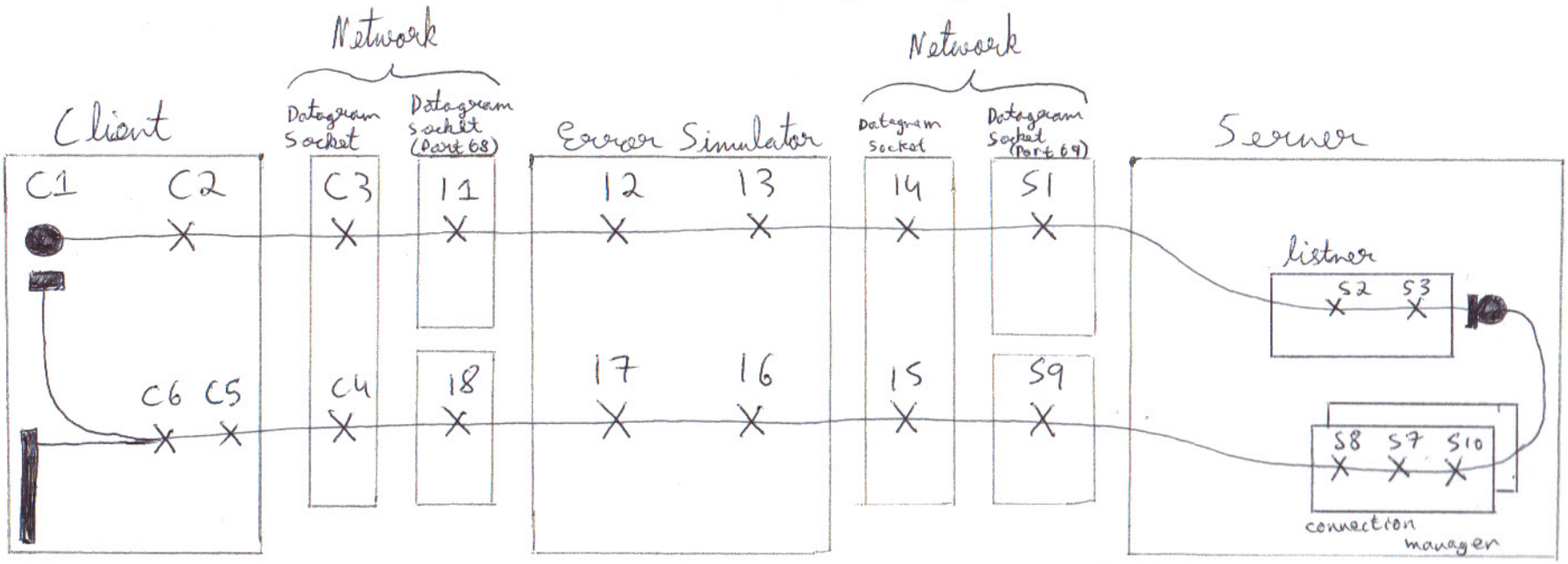
UCM-DIAGRAM (RRQ)

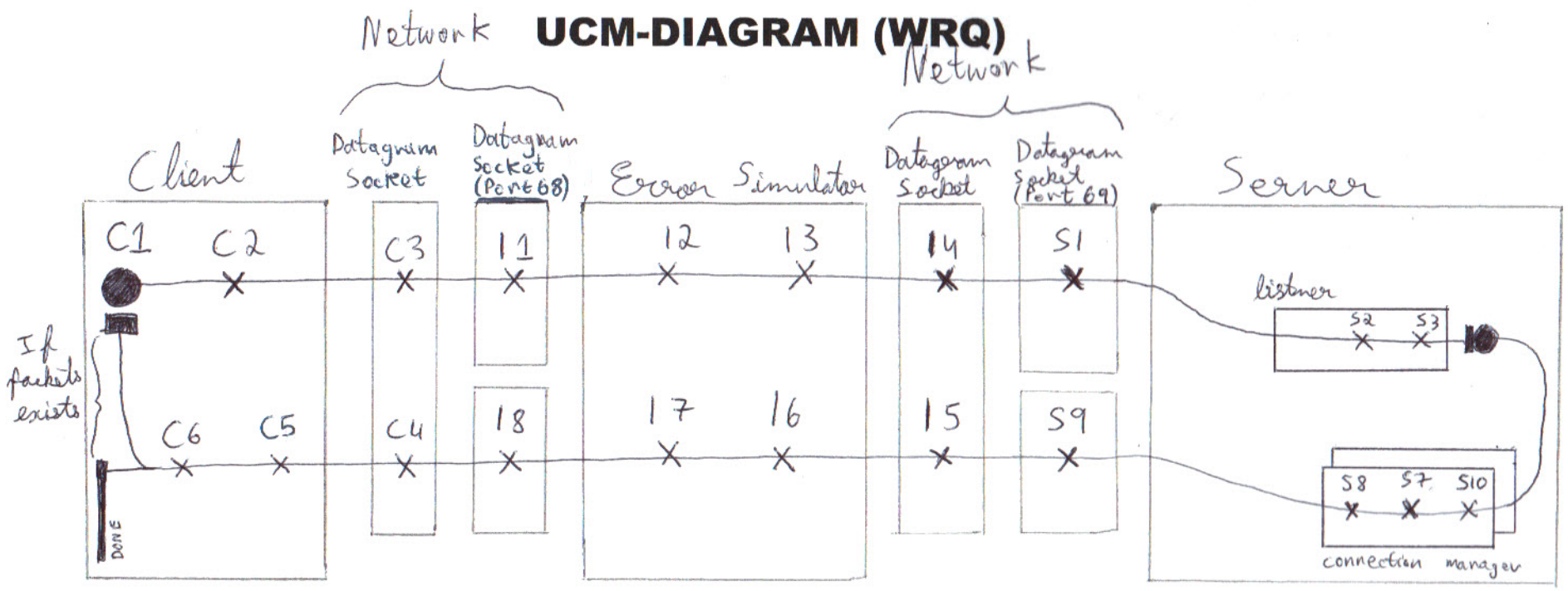


c1 - form message
c2 - create datagram
c3- send datagram
c4 - receive datagram
c5 – verify last packet
c6 - extract message

I1 - receive datagram
I2 - extract message
I3 - create datagram
I4 - send datagram
I6 - receive datagram
I7 - extract message
I8 - send datagram

s1 - receive datagram
s2 - extract message
S3 – process/verify message
s4 - create datagram
S5- receive datagram
S6- write message
S7- form ~~Ack~~ Data
S8- from datagram
S9- send datagram
S10- create socket

UCM-DIAGRAM (WRQ)

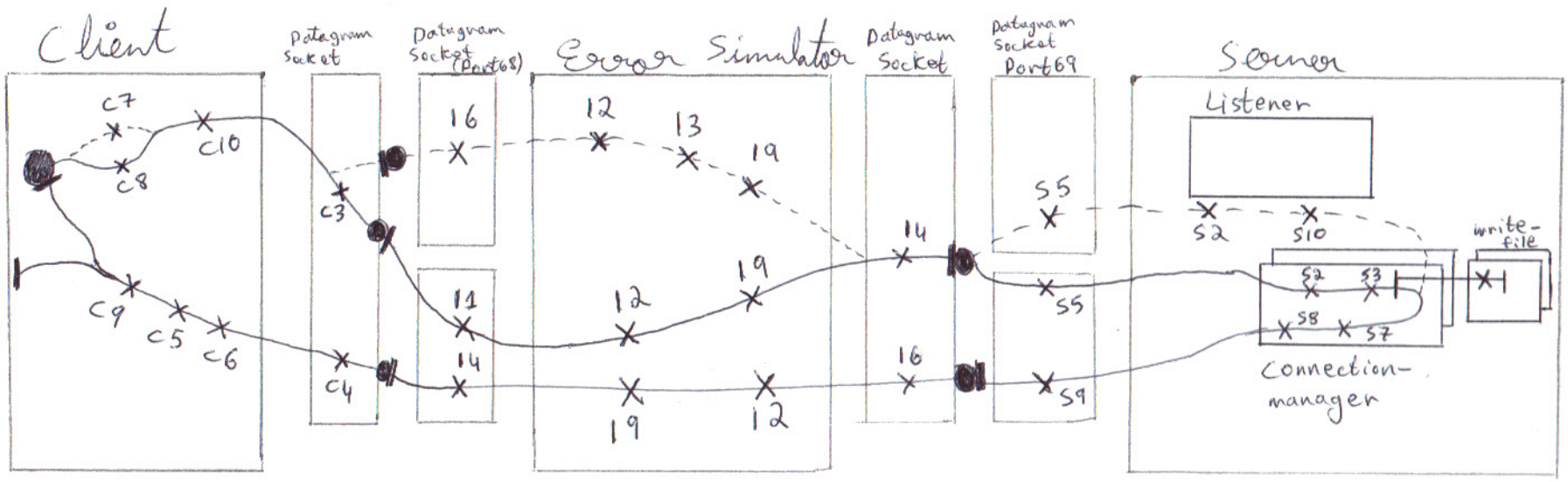


c1 - form message
c2 - create datagram
c3- send datagram
c4 - receive datagram
c5 – verify last packet
c6 - extract message

I1 - receive datagram
I2 - extract message
I3 - create datagram
I4 - send datagram
I6 - receive datagram
I7 - extract message
I8 - send datagram

s1 - receive datagram
s2 - extract message
S3 – process/verify message
s4 - create datagram
S5- receive datagram
S6- write message
S7- form Ack
S8- from datagram
S9- send datagram
S10- create socket

UCM-DIAGRAM (File Transfer)



c1 - form message
c2 - create datagram
c3- send datagram
c4 - receive datagram
c5 – verify Data
c6 - extract message
c7 – form RRQ
c8 – form AcK
c9 – Write file
c10- form datagram

I1 - receive datagram
I2 - extract message
I3 – create socket
I4 - send datagram
I6 - receive datagram
I7 - extract message
I8 - send datagram
I9 – form datagram

s1 - receive datagram
s2 - extract message
S3 – verify AcK
s4 - create socket
S5- receive datagram
S6- write message
S7- form Data
S8- form datagram
S9- send datagram
S10- create socket