

How to execute your program :

python Sender.py filename

python Agent.py

python Receiver.py

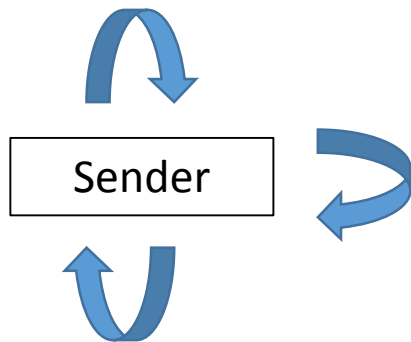
Timeout

Reset Timer

$\text{threshold} = \max(1, \text{winSize} / 2)$

$\text{winSize} = 1$

Resend all packets in the current window



All packets in current window were acked

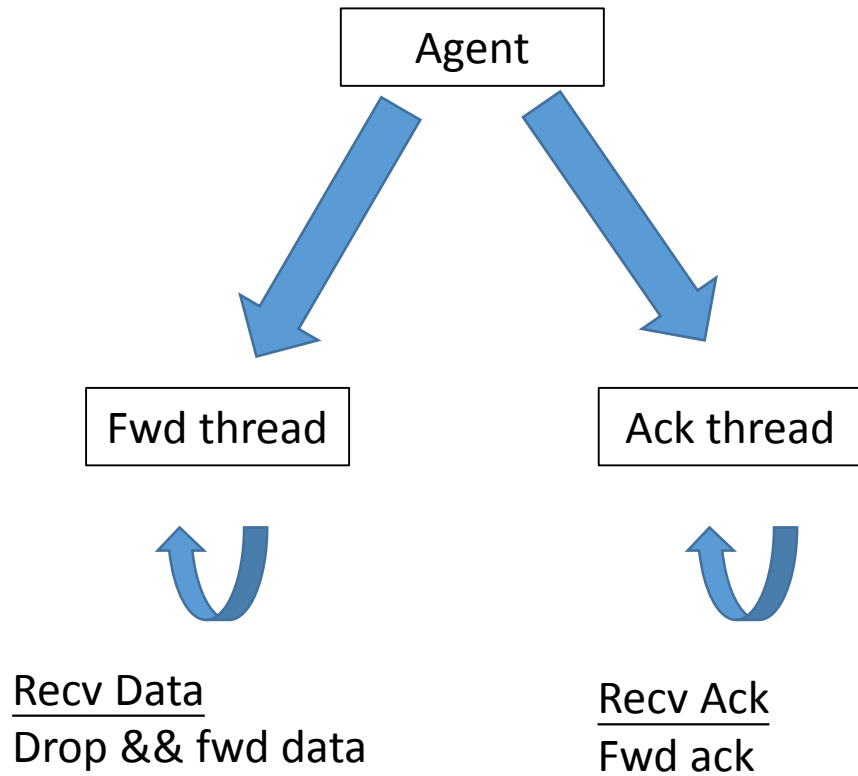
Reset Timer

$\text{winSize} = \text{winSize} < \text{threshold} ? \text{winSize} * 2 : \text{winSize} + 1$

Shift window and send all packets in the new window.

Recv ack && AckNum == SeqNum

SeqNum ++



Recv Data && DataNum == SeqNum
Put data into the buffer

