Transmission Error - Delayed ERROR

TFTP A

TID A

TFTP B

TID B

03 DATA bk=n from TID B to TID A   With error

05 ERROR from TID A to TID B

timeout

<< terminate
or close socket >>   03 DATA bk=n from TID B to TID A

not received

timeout

03 DATA bk=n from TID B to TID A

not received

Delayed 05 ERROR from TID A to TID B

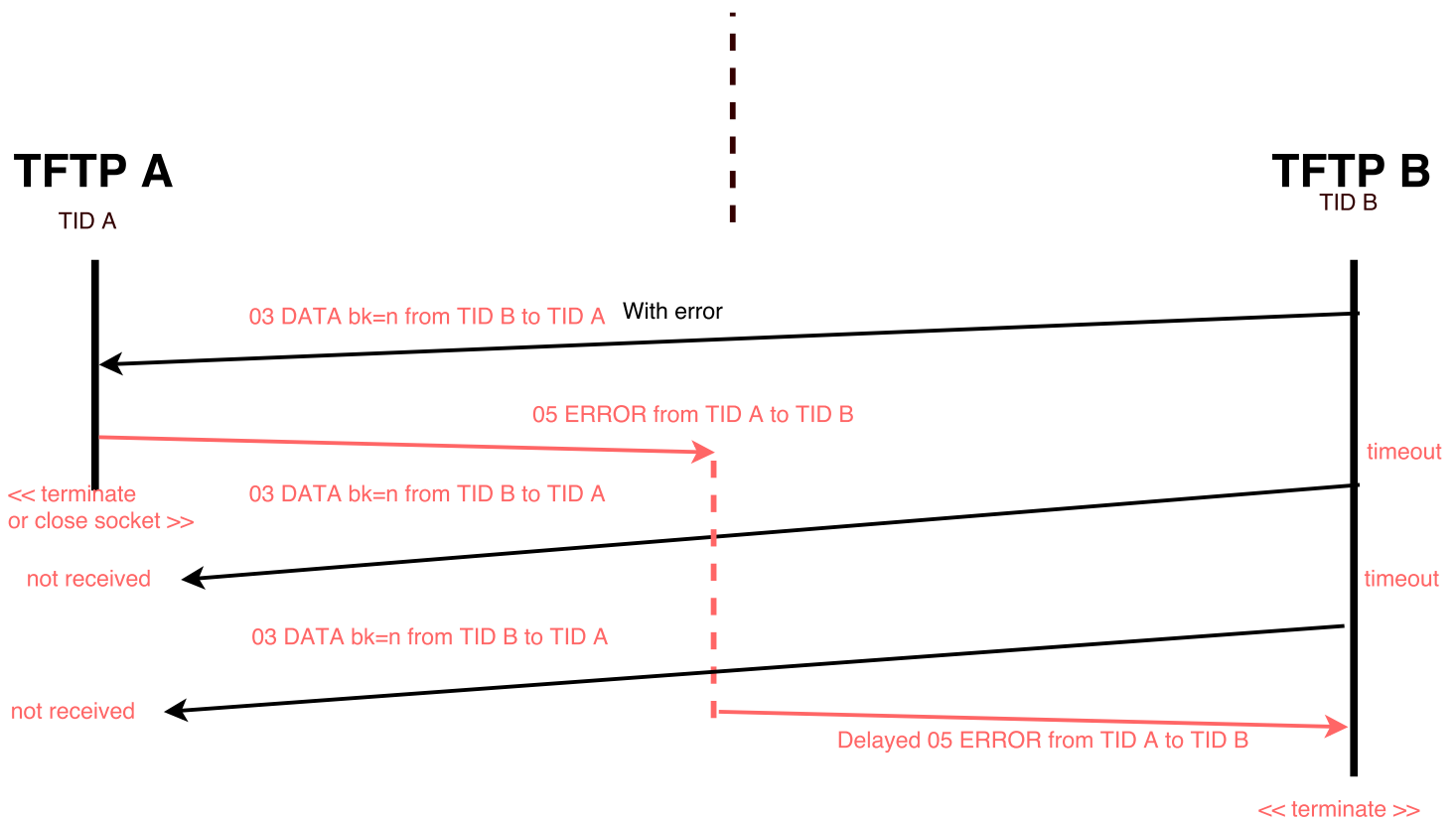<< terminate >>

I have not shown client and the server specifically since this kind of error can occur from ACK packets coming from the client side or the server side as well so to reduce redundancy I am using TFTP A and TFTP B just like the prof used them in her slides.

The host sending the delayed error packet will terminate or close its socket after its encountered the error. The other, communicating host will wonder why it hasn't received a reply and timeout, resending its last packet until either
   1) The error packet finally arrives and it can terminate
   2) The time out reaches maximum timeout retry and will self shutdown the socket/thread