

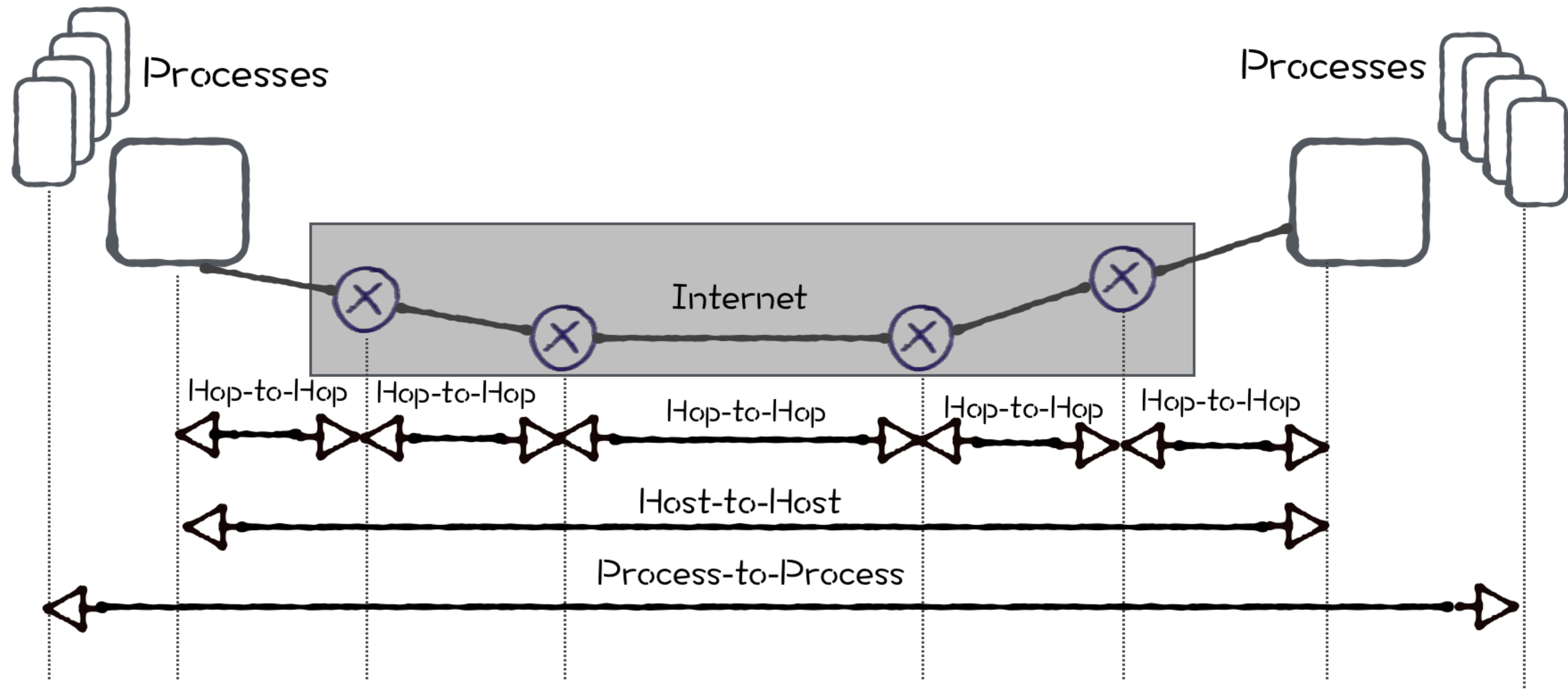
# Module 5

# Reliable Protocol

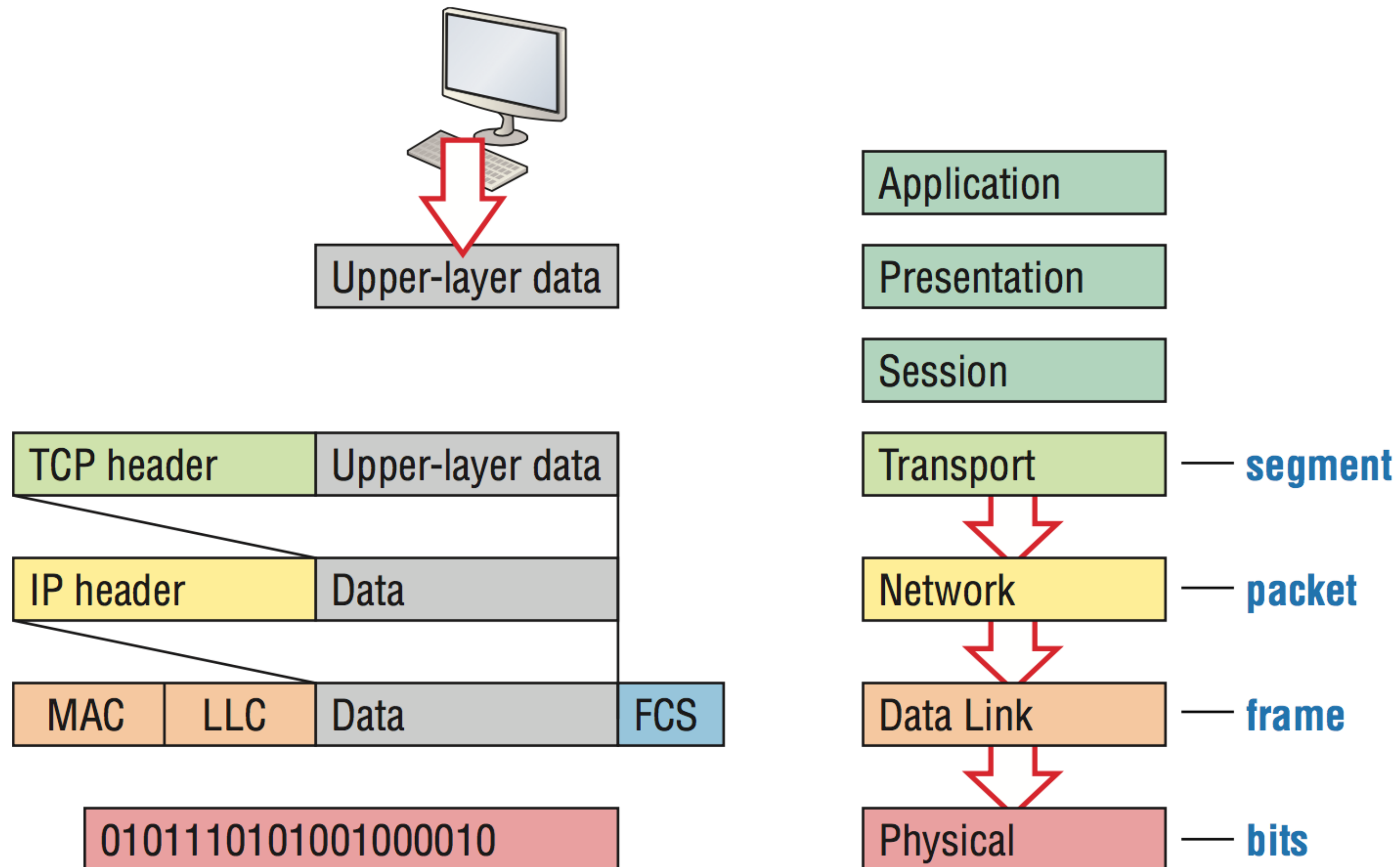
# Contents

- Process-to-Process Communication
- Port Address
- Socket Address
- Multiplexing
- Connection Establishment
- Transport Control Protocol
- User Defined Protocol

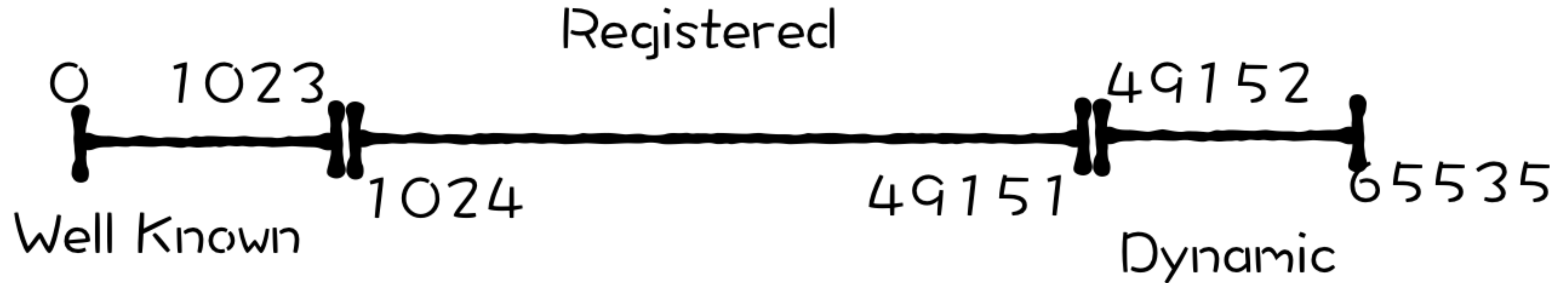
# Process-to-Process Comm.



# Addressing



# Port Address



# Socket Address

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Socket Address

192.168.36.197

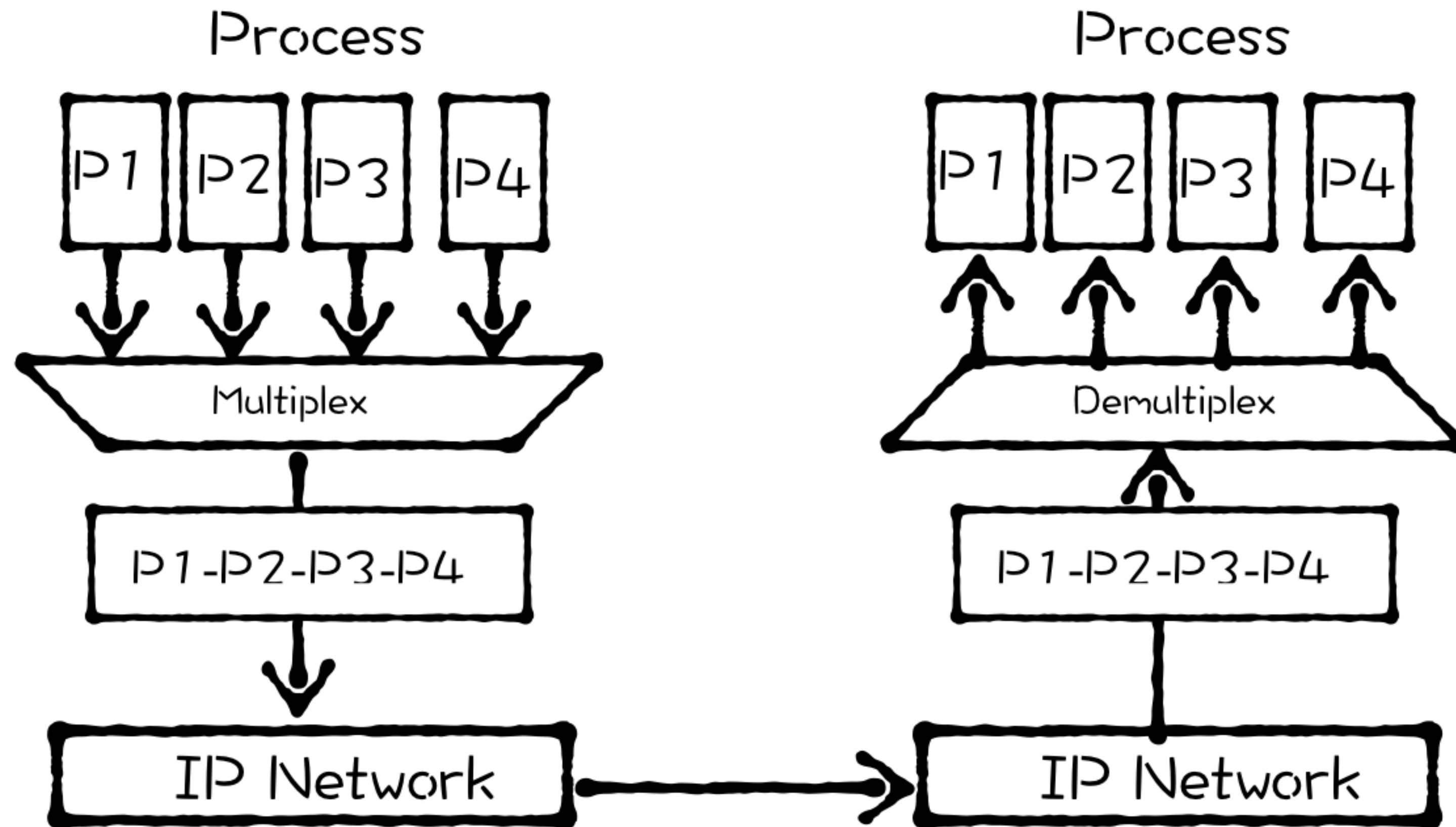
8080

IP Address

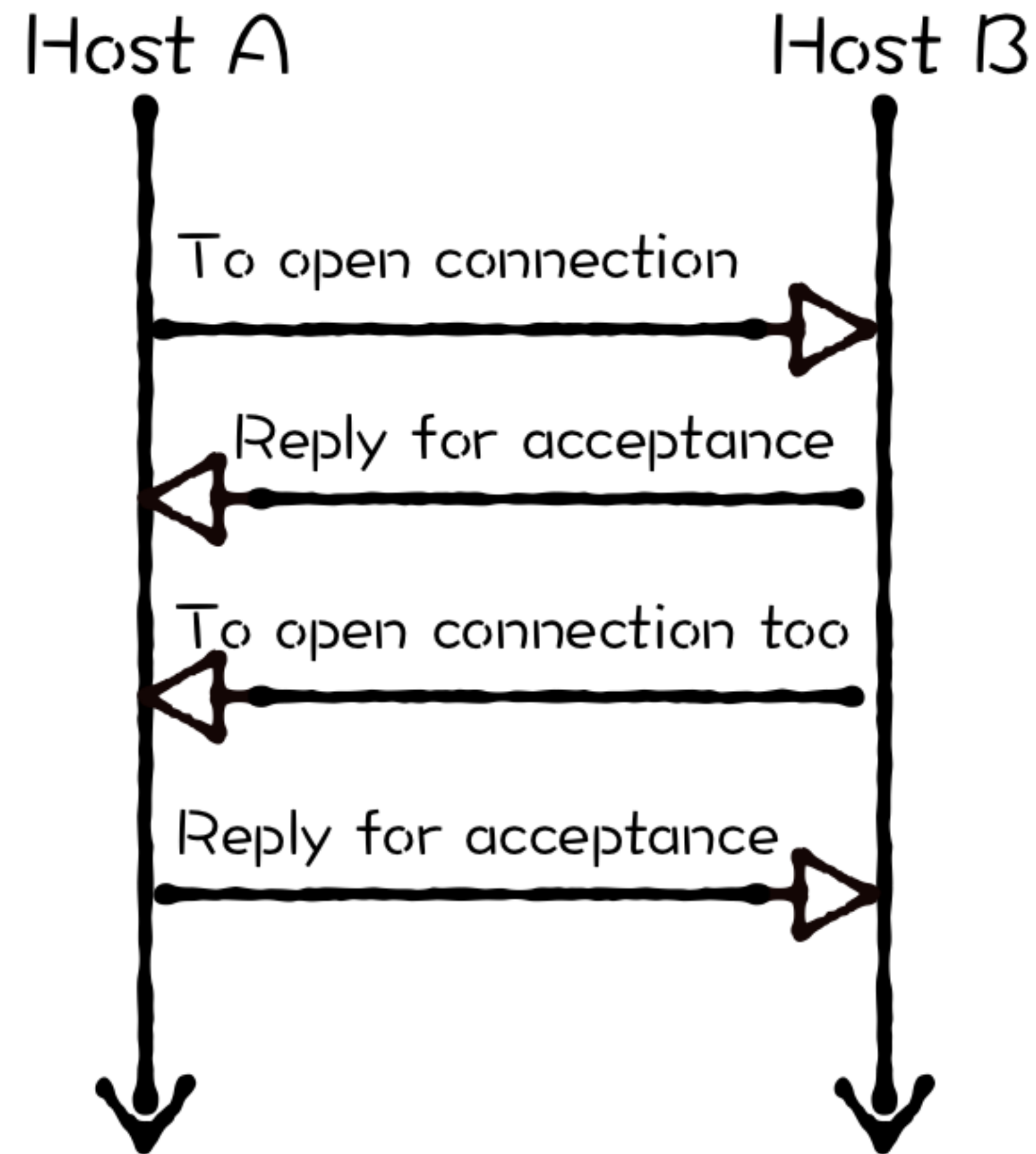
Port Address



# Multiplexing

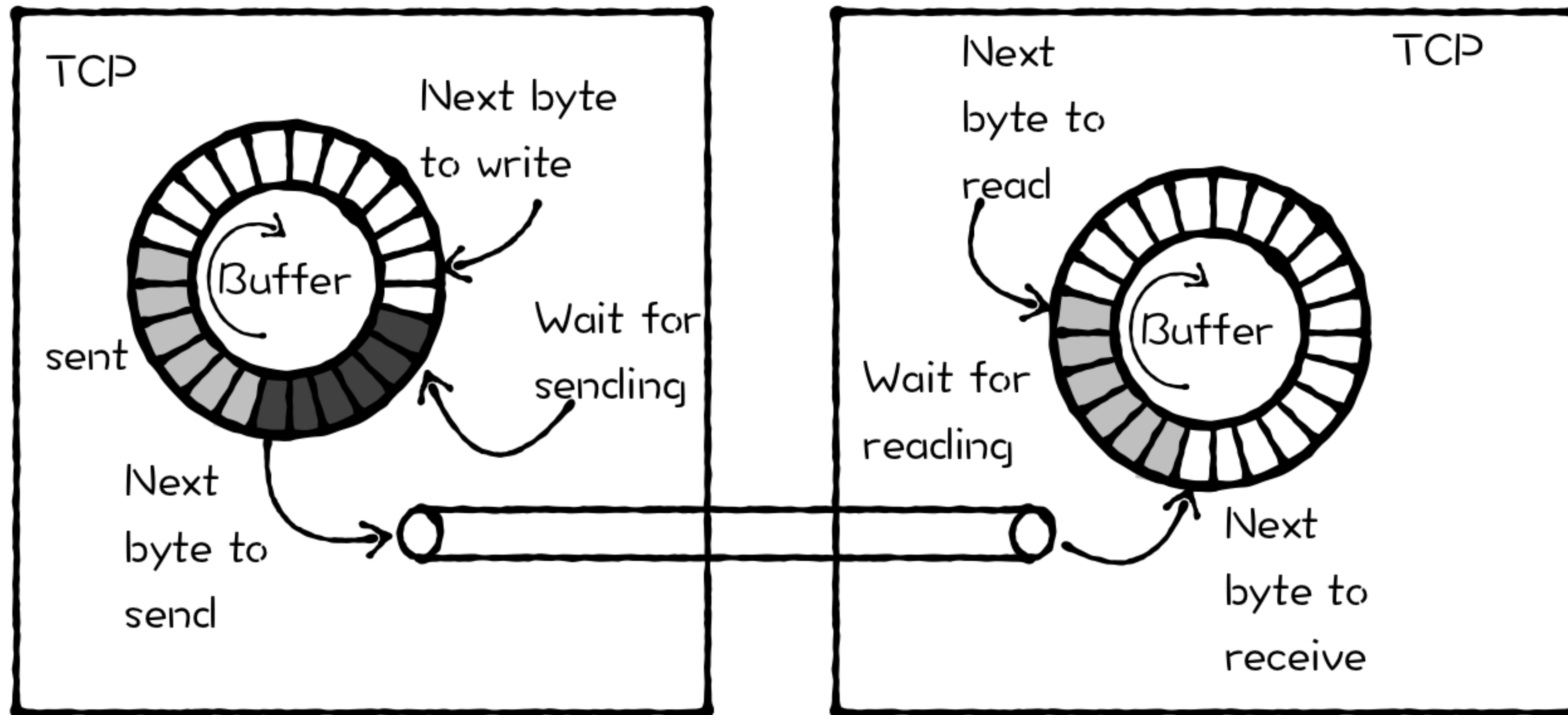


# Connection Establishment





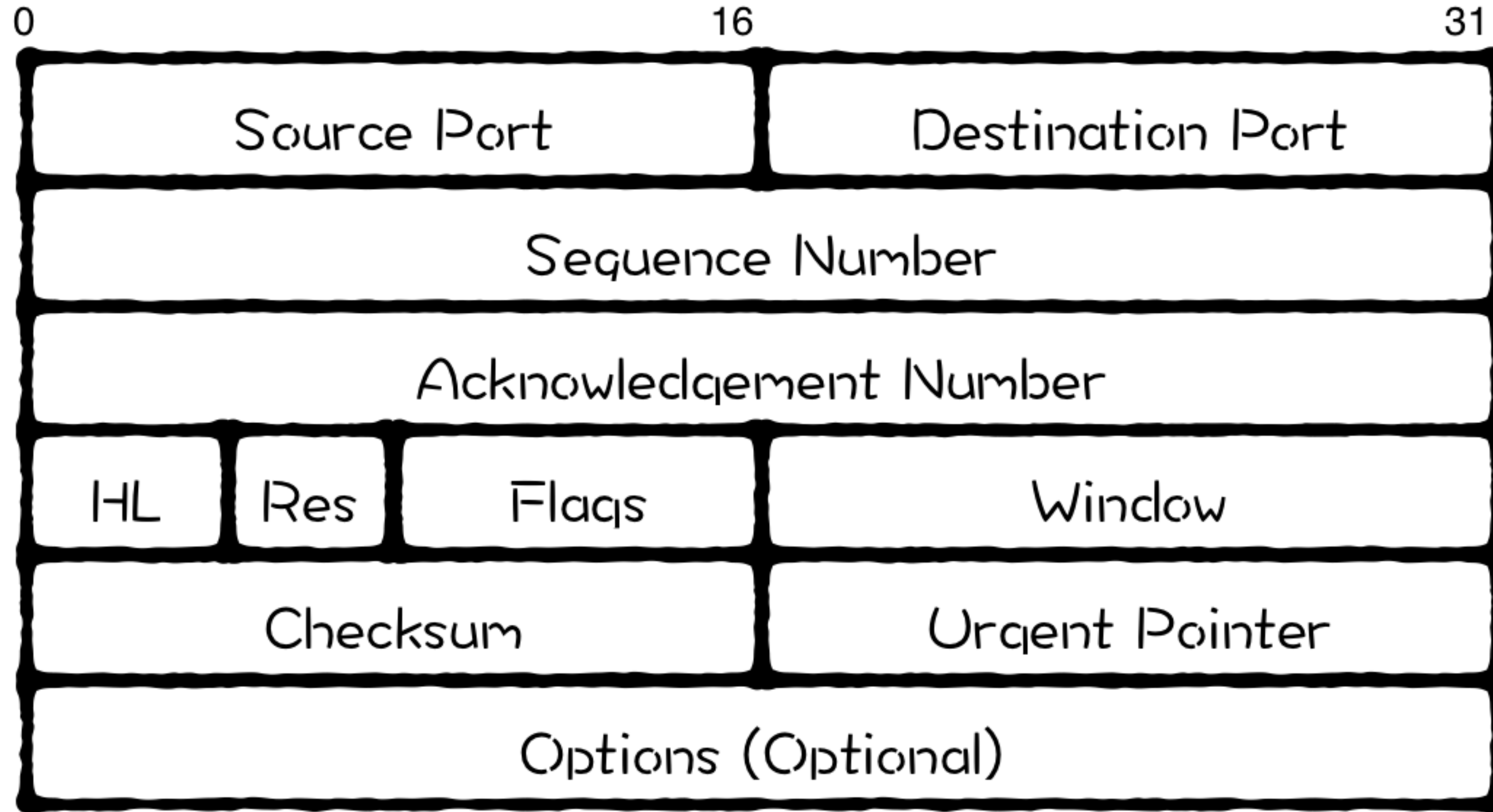
# Stream Transfer



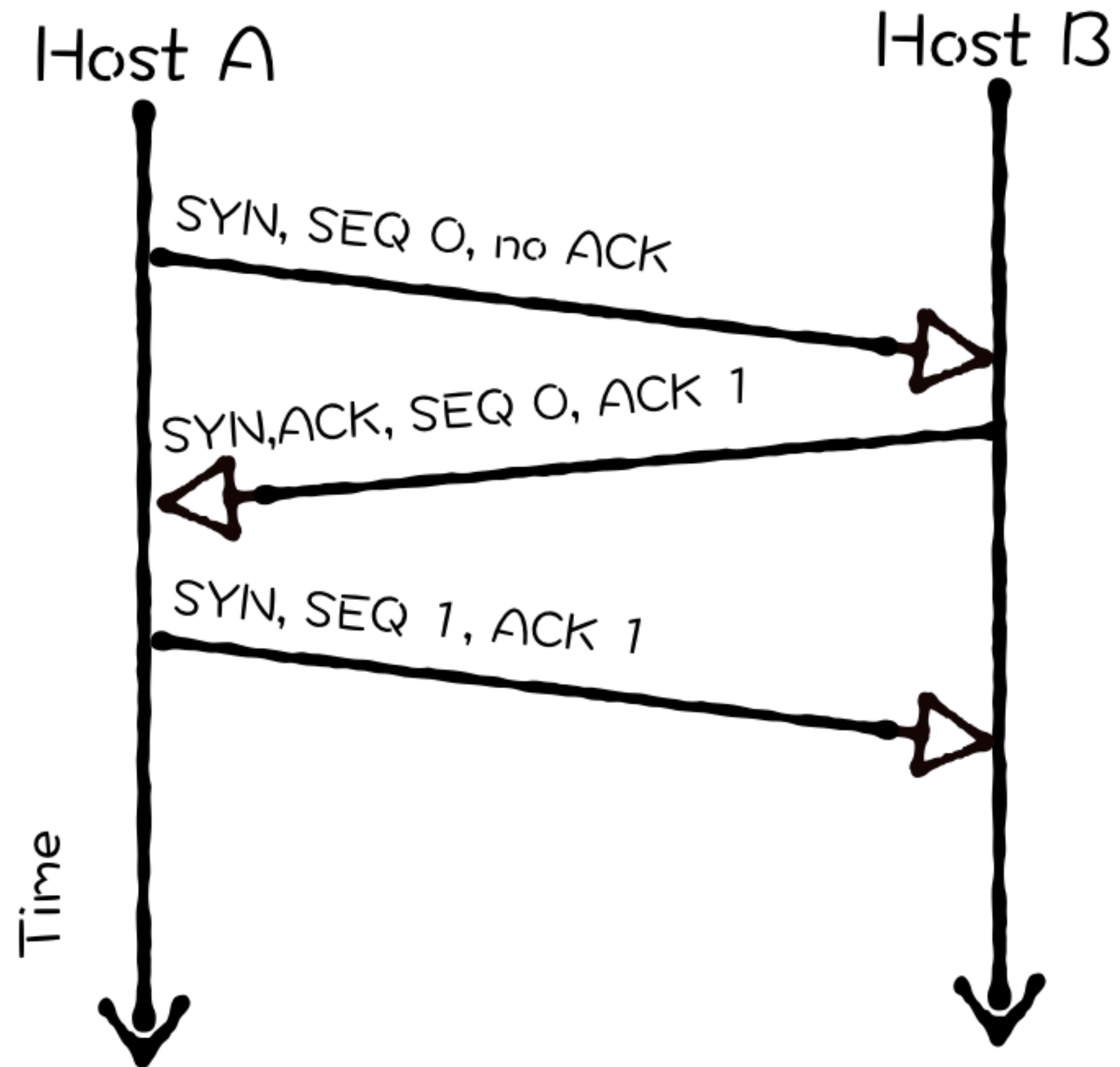
# TCP Protocol



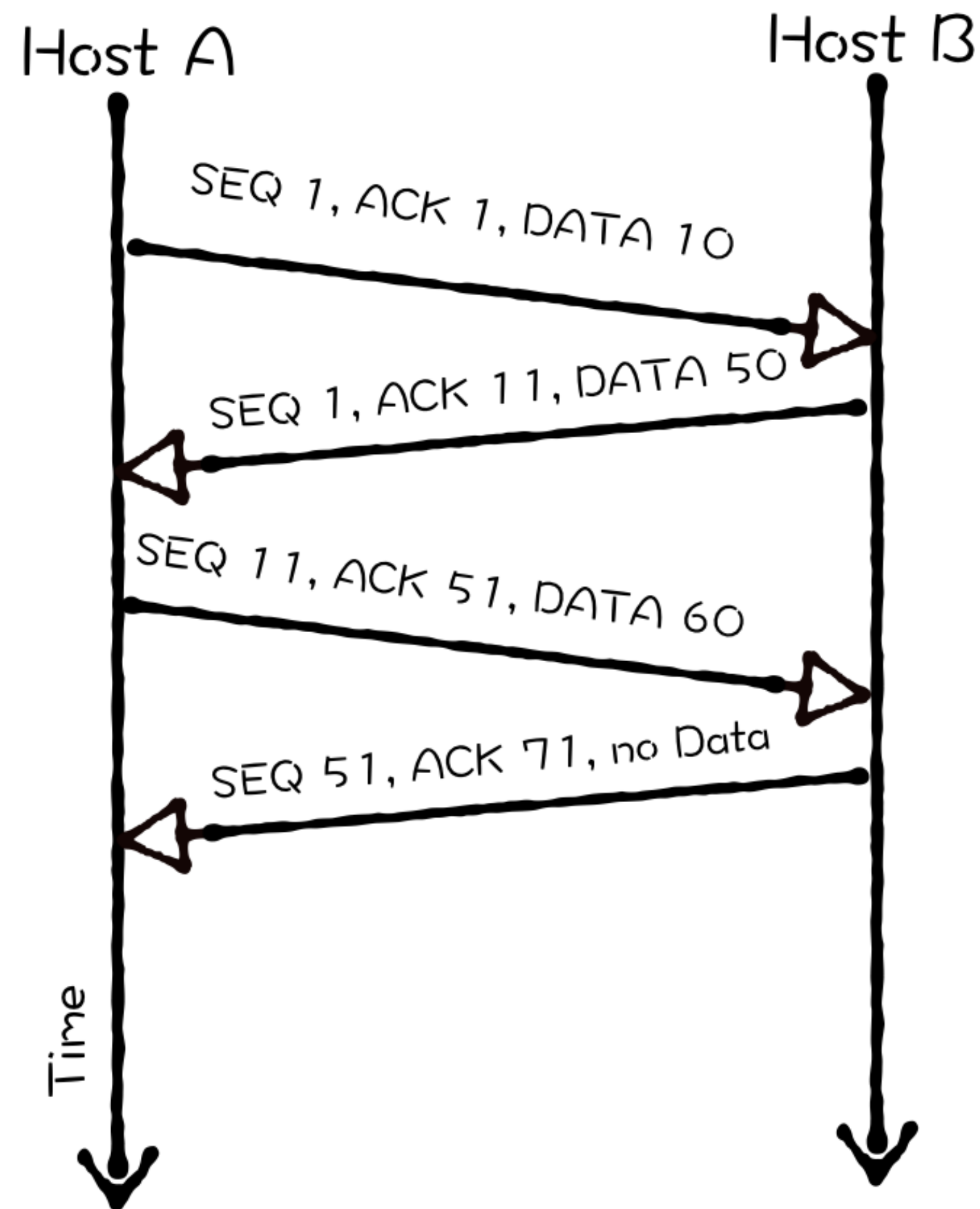
# TCP Segment



# 3-Ways Handshake



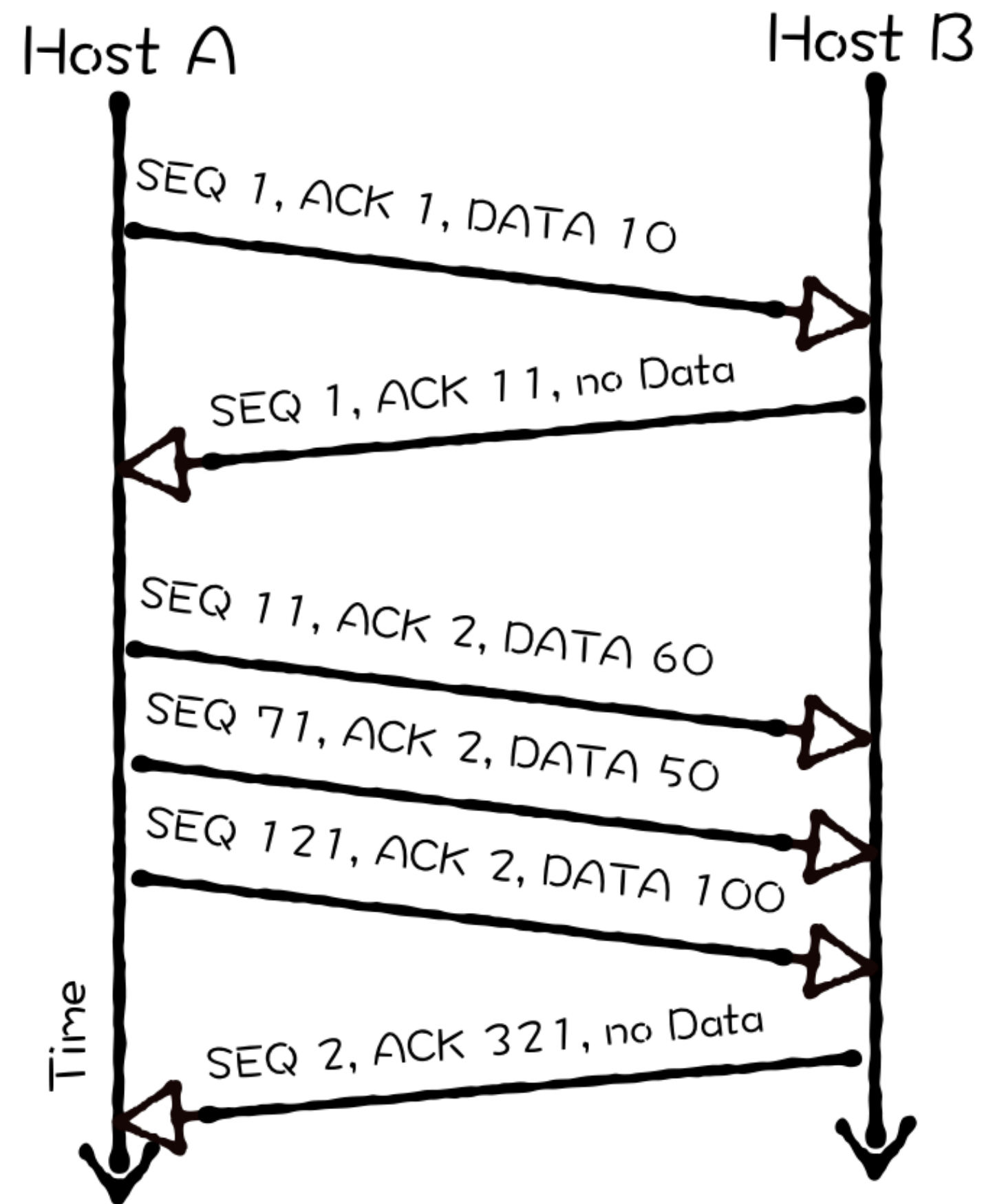
# Data Transferring



a) Two Way Communication



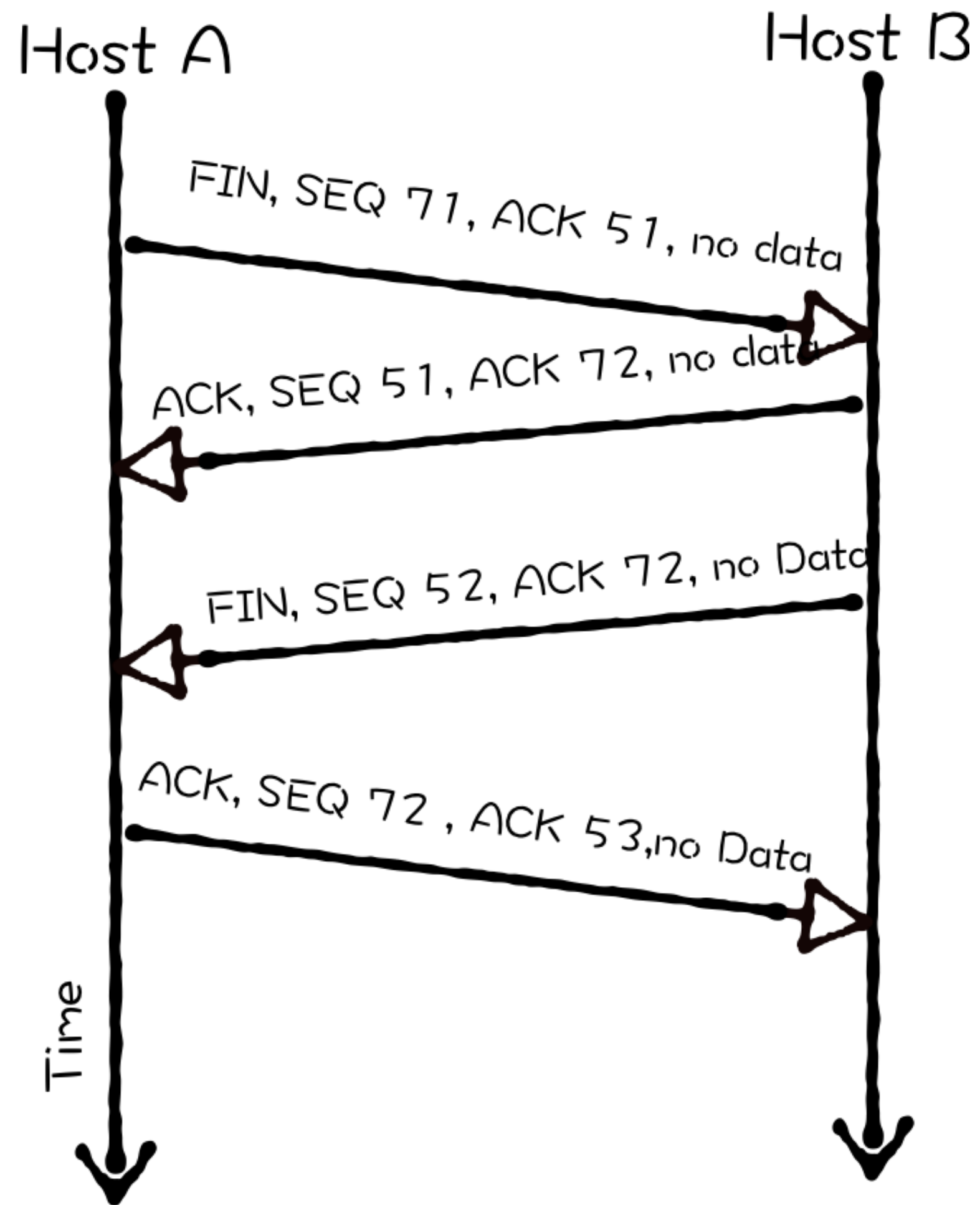
# Data Transferring



b) Streaming Communication



# Close Connection



# User Defined Protocol (UDP)

