

# Assignment - collective chat

- Sending messages to “talk” server over **TCP/8001**
  - Receiving messages on **UDP/8020** from ~~broadcast~~ unicast due to on-line lab version
  - Message - max. 255 ASCII characters
    - ending with <LF> (i. e. \n)
    - Header (16 bytes) of the message which is sent back from server :
      - 4 byte - sender IP address (int, format lo-hi)
      - 4 byte - htonl(time\_t)
      - 7 bytes - login of sender
      - 1 byte - length of the message (0-255).
- | 127 | 0 | 0 | 1 | 0x4A | 0xAE | 0x1A | 0x30 | abc1234 | 3 | SSS |