

+ recv\_fsm(socket: GenericSocket):

list[tuple[string, string]]

## Messenger transport: GenericSocket rdt: RDTProtocolStrategy + Messenger(client\_server: string, type: string, ip: string, rdt: RDTProtocolStratregy) + send(data: string) + receive(): string + finish() split\_data\_into\_packets(data: string): list[string] extract(packet: string): tuple[dict[string, any], string] parse header(header: string): dict[string, int] - create\_header(params: dict[string, any]): string - get\_header\_data\_split(buffer: string): tuple[string, ClientMessenger ServerMessenger + ClientMessenger(type: int, addr: string, rdt: ServerMessenger(type: int, addr: string,

rdt: RDTProtocolStrategy)

RDTProtocolStrategy)