

M = Menu

I = Information

X = Exit

C = Chat message

A = Acknowledgement

R = Re-transmission request

S = Start

Examples:

Header

M1024

The 1024 is the number of characters in the string

Menu

The log in menu or the menu after logging in

Information

"Connection to server has been established"

Start/Exit

Start or end a chat

Chat message

Actual messages sent between clients

Acknowledgment

The client app sends a message to the other client app saying the message has been received

Re-transmission request

One client app says to the other that the message they received was not complete or was corrupted, please resend it

Start message format:

header name status IP port