

Network protocol

This document lists all network protocol commands that are used for the project and will be completed as we go.

Basic structure of command: *COMMAND\$Option\$Argument1\$Argument2...*

Command is always an all-caps 5-letter word, while option allows the program to use the same command for similar actions. While there is only one option per command until now, further ones will be added.

Example: *PRINT\$Terminal\$Welcome to Skip-Bo*

This command asks the receiving client to print „Welcome to Skip-Bo“ on its terminal.

Section	Command	Option	Arguments	Description
General	PRINT	Terminal	String message	prints ,message' on receiver's terminal
Lobby	SETTO	Nickname	String nickname	sets name of new player to ,nickname'
	CHNGE	Nickname	String nickname	changes name of sending player to ,nickname'
		Status	PlayerStatus ps	sets senders PlayerStatus to ,ps'
	LGOUT	-	-	from client: logout request to server, from server: logout confirmation to client
Chat	CHATM	Global	String message	sends ,message' to write on the global chat (,global' chat being either the lobby or the game the player is in)
		Private	Player p, String message	sends private ,message' to player p
		Broadcast	String message	sends ,message' to all players, regardless of both the sender's and the receivers' locations
Game	NWGME	New	<i>int n (not implemented yet)</i>	starts new game with 4 players (respectively with n players, not implemented yet)

[illegible]