

Req: get_board_ids

Resp: board_ids [id1] [username1] [id2] [username2] [id3] [username3]

Req: set_username [newUserName]

Resp (to all users in board): users_for_board [boardID] [userName1] [userName2]...

Resp (to user who made request): changed_username [newUserName]

Resp (to all the users in the lobby, if the user who changed his name is in the lobby):
users_for_board -1 [userName1] [userName2]

Req: create_board [boardName]

Resp (to all other users): board_ids [id1] [userName1] [id2] [userName2] [id3] [userName3]

Resp (to user who made request): board_ids [id1] [userName1] [id2] [userName2] [id3]
[userName3]

AND

current_board_id [currentBoardID]

Resp (to all the users in the lobby, if the user who changed his name is in the lobby):
users_for_board -1 [userName1] [userName2]

Req: get_current_board_id

Resp: current_board_id [boardID]

Req: get_users_for_board_id [boardID]

Resp: users_for_board [boardID] [userName1] [userName2]...

Req: join_board_id [boardID]

Resp (to all users in board): users_for_board_id [boardID] [userName1] [userName2]...

Resp (to user who made request): board_lines [numberOfUserNames] [numberOfLines]
[userName1] [userName2] ... [userName_N] [x1] [y1] [x2] [y2] [strokeThickness] [r] [g] [b] [a] [x1]
[y1] [x2] [y2] [strokeThickness] [r] [g] [b] [a] [x1] [y1] [x2] [y2] [strokeThickness] [r] [g] [b] [a] [x1]
[y1] [x2] [y2] [strokeThickness] [r] [g] [b] [a]...

Resp (to all the users in the lobby, if the user who changed his name is in the lobby):
users_for_board -1 [userName1] [userName2]

Req: logout

Resp (to all users in board): users_for_board [boardID] [userName1] [userName2]...

Resp (to user who made request): logged_out

Resp (to all the users in the lobby, if the user who changed his name is in the lobby):
users_for_board -1 [userName1] [userName2]

Req: get_users_in_my_board

Resp: users_for_board [boardID] [userName1] [userName2]...

(if not in a board): failed

Req: leave_board

Resp (to all users in board): users_for_board [boardID] [userName1] [userName2]...

Resp (to user who made request): done

Resp (to all the users in the lobby, if the user who changed his name is in the lobby):
users_for_board -1 [userName1] [userName2]

Req: req_draw [x1] [y1] [x2] [y2] [strokeThickness] [r] [g] [b] [a]

Resp (to all users in board including user who made request): draw [x1] [y1] [x2] [y2]
[strokeThickness] [r] [g] [b] [a]

(if not in a board): failed

Req: req_clear_board

Resp (to all users in board including user who made request): clear_board