

## **/Group**

### **POST /group/addUser – Add a user to a group**

Parameters:

@param caller string – The username of the authenticated user creating the request.

@param groupId string – The id of the group to add a user to.

@param username string – The username of the user to be added to the group.

Returns

@return {Success: Boolean, userId: string, data: null}

### **PUT /group/removeUser – Remove a user from a group**

Parameters:

@param caller string – The username of the authenticated user creating the request.

@param groupId string – The id of the group to remove a user from.

@param username string – The username of the user to be removed from the group.

Returns

@return {Success: Boolean, userId: string, data: null}

### **GET /group/getChannels – Retrieve a list of channel ids for a group.**

Parameters:

@param caller string – The username of the authenticated user creating the request.

@param groupId string – The id of the group to retrieve channel ids for.

Returns

@return {Success: Boolean, userId: string, data: [ string ]}

### **POST /group/createChannel – Create a new channel within a group**

Parameters:

@param caller string – The username of the authenticated user creating the request.

@param groupId string – The id of the group to create a channel in.

@param channelId string – An id string for the channel to be created.

Returns

@return {Success: Boolean, userId: string, data: null}

## **DELETE /group/deleteChannel – Delete a channel from a group**

Parameters:

@param caller string – The username of the authenticated user creating the request.

@param groupId string – The id of the group that contains the channel to be deleted.

@param channelId string – The id of the channel to be deleted.

Returns

@return {Success: Boolean, userId: string, data: null}

## **/Client**

### **POST /client/createGroup – Creates a new group**

Parameters:

@param caller string – the username of the authenticated user creating the request.

@param groupId string – The id of the group to create.

Returns

@return {Success: Boolean, userId: string, data: null}

### **DELETE /client/deleteGroup – Deletes an existing group**

Parameters:

@param caller string – the username of the authenticated user creating the request.

@param groupId string – The id of the group to delete.

Returns

@return {Success: Boolean, userId: string, data: null}

## **/User**

### **GET /user/getGroups – Retrieve a list of groups for a selected user**

Parameters:

@param caller string – the username of the authenticated user creating the request.

@param username string – The username of the user to retrieve data for.

Returns

@return {Success: Boolean, userId: string, data: [string]}

## **POST /user/authenticate – Validates the authentication credentials of a user**

Parameters:

@param username string – The username of the user to authenticate.

Returns

@return { success: Boolean, err: string, data: obj }

## **POST /user/createUser – Creates a user in the chat client**

Parameters:

@param caller string – the username of the authenticated user creating the request.

@param username string – The username to be created in the system.

@param email string – The email address for the user.

@param role string – The role of the user to be created.

Returns

@return { success: Boolean, err: string, data: null }

## **POST /user/deleteUser – Deletes a user from the chat client**

Parameters:

@param caller string – the username of the authenticated user creating the request.

@param username string – The username to be created in the system.

Returns

@return { success: Boolean, err: string, data: null }

## **POST /user/list – Returns a list of user objects for all users**

Parameters:

@param caller string – the username of the authenticated user creating the request.

Returns

@return { success: Boolean, err: string, data: [ obj ] }

## **/Channel**

## **GET /channel/getMessages – Retrieve message history of a channel**

Parameters:

@param caller string - The username of the authenticated user creating the request.

@param groupId string - The id of the group containing the requested channel.

@param channelId string – The id of the channel to retrieve the message history for.

Returns

@return { success: boolean, err: string, data: [ { username: string, messageText: string, timestamp: string } ] }

## **POST /channel/addMessage – Adds a message to the message history of a channel**

Parameters:

@param caller string – The username of the authenticated user creating the request.

@param groupId string – The id of the group containing the channel to add the message to.

@param channelId string – The id of the channel to add the message to.

@param username string – The username of the user who sent the message.

@param messageText string – The text string of the message.

Returns

@return { success: Boolean, err: string, data: null }

## **POST /channel/addUser – Adds a user to the channel**

Parameters:

@param caller string – the username of the authenticated user creating the request.

@param groupId string – the id of the group that contains the channel to add the user to.

@param channelId string – the id of the channel to add the user to.

@param username string – the username to add to the channel.

Returns

@return {success: Boolean, err: string, data: null}

## **POST /channel/removeUser – Removes a user from the channel**

Parameters:

@param caller string – the username of the authenticated user creating the request.

@param groupId string – the id of the group that contains the channel to remove the user from.

@param channelId string – the id of the channel to remove the user from.

@param username string – the username of the user to remove from the channel.

Returns

@return {success: Boolean, err: string, data: null}