RFC My_Teams

COMMANDS

A command is composed in two parts: the command name in upper case, a space and arguments comma separated.

Here is an exhaustive list of available commands:

login:

-> Client:
        LOGIN "username" <return>

<- Server:
        200 "user_uuid","username" <return>
        403 "You must log out before logging in again" <return>

logout:

-> Client:
        LOGOUT <return>

<- Server:
        200 "user_uuid" <return>

messages:

-> Client:
        MESSAGES "user_uuid" <return>

<- Server:
        200 "user_uuid","timestamp","message";"user_uuid",.. <return>
        401 "You must be connected to use this command" <return>
        404 "Invalid UUID for following arg: user" <return>

send:

-> Client :
        SEND "receiver_uuid","message" <return>

<- Server :
        200 "Message sent" <return>
        401 "You must be connected to use this command" <return>
        404 "Invalid UUID for following arg: user" <return>

subscribe:

-> Client:
   SUBSCRIBE "team_uuid" <return>

<- Server:
   200 "user_uuid","team_uuid" <return>
   401 "You must be connected to use this command" <return>
   404 "Invalid UUID for following arg: team" <return>
   409 "Already existing resource" <return>

subscribed:

-> Client:
   SUBSCRIBED ?"team_uuid"<return>

<- Server:
   200 "user_uuid","team_uuid";"user_uuid",.. <return>
   401 "You must be connected to use this command" <return>
   404 "Invalid UUID for following arg: team" <return>

unsubscribe:

-> Client:
   UNSUBSCRIBE "user_uuid","team_uuid" <return>

<- Server:
   200 "user_uuid","team_uuid" <return>
   401 "You must be connected to use this command" <return>
   404 "Invalid UUID for following arg: team" <return>
   409 "Already existing resource" <return>

user:

-> Client :
   USER "user_uuid" <return>

<- Server :
   200 "user_uuid","username","user_status" <return>
   401 "You must be connected to use this command" <return>
   404 "Invalid UUID for following arg: user" <return>

<u>users:</u>

-> Client :
　　　USERS <return>

<- Server:
　　　200 "user_uuid","username","user_status";"user_uuid",... <return>
　　　401 "You must be connected to use this command" <return>

<u>create:</u>

-> Client:
　　　CREATE TEAM,"team_name","description" <return>
　　　CREATE CHANNEL,"team_uuid","channel_name","description" <return>
　　　CREATE THREAD,"team_uuid","channel_uuid" "title","message" <return>
　　　CREATE COMMENT,"team_uuid","channel_uuid","thread_uuid","body" <return>

<- Server:
　　　201 "team_uuid","team_name","team_description" <return>
　　　401 "You must be connected to use this command" <return>
　　　409 "Already existing resource" <return>

　　　201 "channel_uuid","channel_name","channel_description" <return>
　　　401 "You must be connected to use this command" <return>
　　　404 "Invalid UUID for following arg: team" <return>
　　　409 "Already existing resource" <return>

　　　201 "thread_uuid","user_uuid","timestamp","thread_title","thread_body"
<return>
　　　401 "You must be connected to use this command" <return>
　　　404 "Invalid UUID for following arg: team" <return>
　　　404 "Invalid UUID for following arg: channel" <return>

　　　201 "thread_uuid","user_uuid","timestamp","body" <return>
　　　401 "You must be connected to use this command" <return>
　　　404 "Invalid UUID for following arg: team" <return>
　　　404 "Invalid UUID for following arg: channel" <return>
　　　404 "Invalid UUID for following arg: thread" <return>

list:

-> Client :
      LIST TEAM <return>
      LIST CHANNEL,"team_uuid" <return>
      LIST THREAD,"team_uuid","channel_uuid" <return>
      LIST COMMENT,"team_uuid","channel_uuid","thread_uuid" <return>

<- Server:
      200 "team_uuid","team_name","team_description";"team_uuid",... <return>
      401 "You must be connected to use this command" <return>

      200 "channel_uuid","channel_name","channel_description";...<return>
      401 "You must be connected to use this command" <return>
      404 "Invalid UUID for following arg: team" <return>

      200 "thread_uuid","user_uuid","timestamp","thread_title",
      "thread_body";"thread_uuid",... <return>
      401 "You must be connected to use this command" <return>
      404 "Invalid UUID for following arg: team" <return>
      404 "Invalid UUID for following arg: channel" <return>

      200
"thread_uuid","user_uuid","timestamp","title","reply_body";"thread_uuid",... <return>
      401 "You must be connected to use this command" <return>
      404 "Invalid UUID for following arg: team" <return>
      404 "Invalid UUID for following arg: channel" <return>
      404 "Invalid UUID for following arg: thread" <return>

info :

-> Client :
  INFO USER <return>
  INFO TEAM,"team_uuid" <return>
  INFO CHANNEL,"team_uuid" "channel_uuid" <return>
  INFO THREAD,"team_uuid" "channel_uuid" "thread_uuid" <return>

<- Server :
  200 "user_uuid","username","user_status" <return>
  401 "You must be connected to use this command" <return>

  200 "team_uuid","team_name","team_description" <return>
  401 "You must be connected to use this command" <return>
  404 "Invalid UUID for following arg: team" <return>

  200 "channel_uuid","channel_name","channel_description" <return>
  401 "You must be connected to use this command" <return>
  404 "Invalid UUID for following arg: team" <return>
  404 "Invalid UUID for following arg: channel" <return>

  200 "thread_uuid","user_uuid","timestamp","thread_title","thread_body"
<return>
  401 "You must be connected to use this command" <return>
  404 "Invalid UUID for following arg: user" <return>
  404 "Invalid UUID for following arg: channel" <return>
  404 "Invalid UUID for following arg: thread" <return>

BROADCAST

When a user is connected to the server, he can receive at any moment one of theses events:

Team created :

201 BROADCAST,TEAM,"team_uuid","team_name","team_description"

Channel created :

201
BROADCAST,CHANNEL,"channel_uuid","channel_name","channel_description"

Thread created :

201 BROADCAST
,THREAD,"thread_uuid","user_uuid","timestamp","title","body"

Comment created :

201
BROADCAST,COMMENT,"team_uuid","thread_uuid","user_uuid","message"

User logged in :

200 BROADCAST,LOGGEDIN,"user_uuid","username"

User logged out :

200 BROADCAST,LOGGEDOUT,"user_uuid","username"

New private message :

200 BROADCAST,MP,"user_uuid","message"

SAVE & RESTORE

All saved files are stored in a ".saves" directory located at the root of the current server location.
Here are saving formats for each data:

User :
"user_uuid","username" <return>

Direct message:
"sender_uuid","receiver_uuid","message","timestamp" <return>

Team:
"team_uuid","name","description" <return>

Subscribed user :
"team_uuid","client_uuid" <return>

Channel:
"channel_uuid","name","description" <return>

Thread:
"thread_uuid","title","body","channel_uuid" <return>

Comment:
"timestamp","message","thread_uuid" <return>