



Protocol

RFC MY_TEAMS

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SUMMARY

Introductions	1
User commande	2
Teams commande.....	3
Channel commande	5
Thread commande	8
Personal commande	10
Other commande	12
Response message	13

INTRODUCTIONS

- ➔ Send a message to the serveur
- ➔ Receive a message from the serveur

USER COMMANDE

Creating a new user

To create a new user you need to send the USER_C request followed by the user name, then USER_CP followed by the password. to create a password. If the username doesn't already exist, the new user is created.

- USER_C "Username"
- ← 301
- USER_CP "Password"
- ← 200 or 502
- ← 200 or 501

Connecting a user

To connect, you need to send the command USER_CO followed by the user name, then USER_CP followed by the password. If everything is OK, you're connected, otherwise the connection is refused.

- USER_CO "Username"
- ← 301
- USER_CP "Password"
- ← 200 or 502
- ← 200 "UUID" or 503

USER COMMANDE

Logout user

To logout a user

→ USER_L "UUID"

← 200 or 501

Get user

Get all a user

→ USER_G

← 200 [(uuid) (CONNECTED/NOT
CONNECTED)]

TEAM COMMANDE

Creating a new team

A team allows you to create a group with other users. To create a team, send TEAM_C followed by the name of your team. Teams can have identical names, as the server assigns a unique id to each team. This ID is returned with the message 200 if everything is ok.

→ TEAM_C "team_name"
← 200 "team_id" or 511

Join a team

To join a team you send TEAM_J followed by the ID of the team. A 200 message will be return if everything is ok.

→ TEAM_J "team_id"
← 200 or 512

Leave a team

If you are the creator of a team you can't quit it, you have to delet it. To leave a team you send TEAM_L followed by the ID of the team. A 200 message will be return if everything is ok.

→ TEAM_L "team_id"
← 200, 513 or 514

Delete a team

To delete a team you have to be the creator. To delete a team you send TEAM_D followed by the team ID you want to delete, if everything is ok a message 200 is sent back to you.

→ TEAM_D "team_id"
← 200, 401 or 513

Get all team

To find out about all the teams in which you are involved, please send TEAM_G.

→ TEAM_G
← 200 "team_id", ... or 515

Move in team

To enter to join one of your teams send TEAM_MV

→ TEAM_MV
← 200, 515

Team info

To check the informations of a specifque team

→ TEAM_I "team_uuid"
← 200 [(team name) (team description)
(participant)], 515

CHANNEL COMMANDE

Create a new channel

A channel allows you to chat with other people. To create a channel, send CHANNEL_C followed by the name of your channel. Channels can have identical names, as the server assigns a unique identifier to each channel. This identifier is returned with the message 200 if all goes well.

→ CHANNEL_C "channel_name"
← 200 "channel_id" or 521

Delete a channel

To delete a channel you have to be the creator. To delete a channel you send CHANNEL_D followed by the channel ID you want to delete, if everything is ok a message 200 is sent back to you.

→ CHANNEL_D "channel_id"
← 200, 401 or 523

Get all the channel in the current team

To find out about all the channel in a team, please send TEAM_GC followed by the team id.

→ CHANNEL_GC
← 200 [channel_id], ... , 522 or 401

Get all the message in a channel

to receive all messages from a team sent CHANNEL_GM followed by the channel id if all goes well you'll receive a message 200 followed by all messages with their message id, the sender's username, the message and the date the message was sent.

- CHANNEL_GM "channel_id"
 - ← 200 ["message_id", "username", "message", "sending time"], ... , 542, 543 or 401

Send a message in a channel

To send a message on a channel you must send CHANNEL_SM followed by the channel id, then MESSAGE_S followed by the message, if all goes well a code 200 with the message Id is returned to you then another code 200 is returned to you with the sending time.

- CHANNEL_SM "message"
 - ← 200 "sending time", 542, 543, 401 or 400

Move in channel

To enter to join one of your teams send CHANNEL_MV

→ CHANNEL_MV

← 200, 515

Channel info

To check the informations of a specifique team

→ CHANNEL_I "channel_uuid"

← 200 [(channel name) (channel
description) (participant)], 515

THREAD COMMANDE

Create a new thread

A thread allows you to reply to create a discussion thread about a message. To create a new thread, you must send the server `THREAD_C` followed by the `message_id` of the corresponding message. If everything is ok, a code 200 is sent back to you, followed by the thread id.

→ `THREAD_C "message_id"`
← 200 [thread_id] or 531

Delete a thread

To delete a thread you have to be the creator. To delete a thread you send `THREAD_D` followed by the thread ID you want to delete, if everything is ok a message 200 is sent back to you.

→ `THREAD_D "thread_id"`
← 200, 401 or 533

Get all the thread in the curent channel

To find out about all the thread in a channel, please send `THREAD_G` followed by the channel id.

→ `THREAD_G`
← 200 [thread_id], ... 532 or 401

Get all the message in a thread

to receive all messages from a thread sent `THREAD_GM` followed by the thread id if all goes well you'll receive a message 200 followed by all messages with their message id, the sender's username, the message and the date the message was sent.

→ `THREAD_GM "channel_id"`

← 200 ["message_id", "username", "message", "sending time"], ... , 532, 542, 543 or 401

Send a message in a thread

To send a message on a channel you must send `CHANNEL_SM` followed by the channel id, then `MESSAGE_S` followed by the message, if all goes well a code 200 with the message Id is returned to you then another code 200 is returned to you with the sending time.

→ `THREAD_SM "message"`

← 200 "sending time", 542, 543, 401 or 400

Move in thread

To enter to join one of your teams send `TEAM_MV`

→ `THREAD_MV`

← 200, 515

PERSONAL COMMANDE

Create a new personal message

→ PM_C "user_uuid"
← 200 [pm_id] or 531

Get personal message

To get all private discussions

→ PM_G
← 200 [pm_id] or 531

Move personal message

To move in a private discussions

→ PM_MV "pm_uuid"
← 200 or 531

Info personal message

To check the participant in a private discussions

→ PM_I
← 200 [user_uuid1]
[user_uuid2] or 531

Get all the message in a personal message

to receive all messages from a team sent PM_GM if all goes well you'll receive a message 200 followed by all messages with their the sender's username, the message and the date the message was sent.

- PM_GM "channel_id"
 - ← 200 ["username", "message", "sending time"], ... , 542, 543 or 401

Send a message in a personal discussions

To send a message on a channel you must send PM_SM folowed by the message, if all goes well a code 200 with the message Id is returned to you then another code 200 is returned to you with the sending time.

- PM_SM "message"
 - ← 200 "sending time", 542, 543, 401 or 400

OTHER COMMANDE

HELP commande

This command returns all commands implemented on the my teams server.

→ HELP

← 200 "implemented command"

NOOP commande

This command returns always a 200 success code.

→ NOOP

← 200

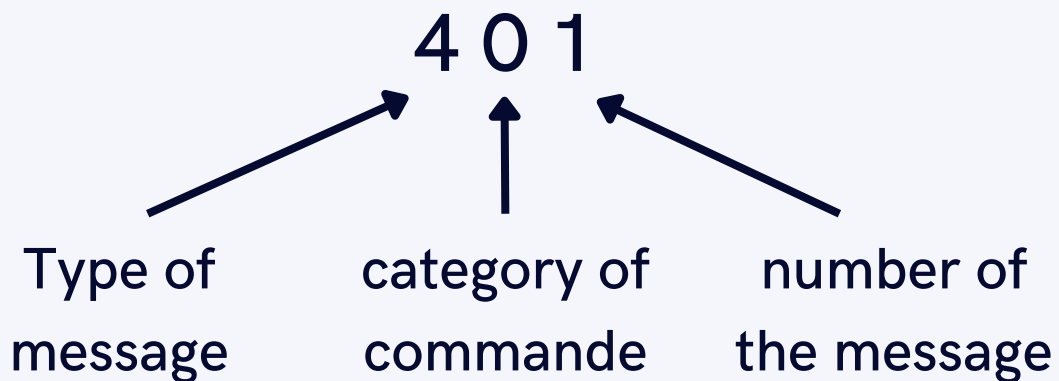
VERSION commande

This command returns the current version of the my teams server

→ VERSION

← 200 "version"

RESPONSE MESSAGE



4 type of message :

- 2 → Success message
- 3 → Request message
- 4 → Generic error
- 5 → Specifique error

5 type of category :

- 0 → User commande
- 1 → Team commande
- 2 → Channel commande
- 3 → Thread commande
- 4 → Message commande

Types	Category	Number	Message
2	0	0	Success
3	0	1	Need passwords
		2	Need message
4	0	0	Time out
		1	You don't have the rights
5	0	1	Error with password
		2	User already exist
		3	User creation failed
	1	1	Creation of the team failed
		2	You are already in the team
		3	Team not found
		4	You can't leave your team
		5	You have in any team
	2	1	Creation of the channel failed
		2	You have any channel
		3	Channel not find

Types	Category	Number	Message
5	3	1	Id of the message not find
		2	You have any thread in this channel
		3	Thread not find
	4	1	Error with your message
		2	Channel doesn't exist
		3	Thread doesn't exist
		4	Team doesn't exist