

B4 - Network Programming

B-NWP-400

myTeams

Collaborative communication application





myTeams

RFC's Details

CLIENT

400 Command not found.

Display when the command is unknown.

401 Wrong syntax.

Display when the client gives not enough or too much argument(s) to launch the command.

402 Bad arguments.

Display when the client gives an invalid argument.

403 Too long name.

Display when the given name exceeds the DEFAULT_NAME_LENGTH (=32).

404 Too long message.

Display when the given messages exceeds the DEFAULT_BODY_LENGTH (= 512).

405 Too long description

Display when the given description exceeds the DEFAULT_DESCRIPTION_LENGTH (=255).

SERVER

200 Command Okay.

Display when the command has been executed without encountering any problems.

201 Server is ready to accept command

Display when the client has successfully connected to the server.

500 Must log in.

Display when the client tries to launch a command that require to be logging in.

501 Action not allowed.

Display when the server is not allowed to read, create or modify file(s).

502 User ID not found.

Display when the client gives an invalid User ID as argument.

503 Team ID not found.

Display when the client gives an invalid Team ID as argument.

504 Channel ID not found.

Display when the client gives an invalid Channel ID as argument.

505 Thread ID not found.

Display when the client gives an invalid Thread ID as argument.

506 Resource already exist.

Display when the client wants to create resources which already exists.



Command's return code

->/help, show every command (specific information about a command if specified as argument)

<- 200

<- 402

->/login [username], set the client's username.

<-200

<-401

<-403

->/logout, disconnect the client from the server.

<-200

<-500

->/users: get the list of all users that exist on the domain.

<-200

<-500

<-501

->/user [user_uuid]: get information about a user.

<-200

<-401

<-500

<-502

->/send [user_uuid] [message_body]: send a message to the user specified by the user_uuid.

<-200

<-401

<-500

<-502

->/messages [user_uuid]: list all message(s) that have been exchanged with the specified user.

<-200

<-401

<-500

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<-502

->/subscribe [team_id]: subscribe to the specified team in order to be notify when event(s) happens within it.

<-200

<-401



<-500

<-501

<-503

->/subscribed [team_uuid], if any argument is specified, list all teams to which you currently are subscribe, otherwise list all users who are currently subscribe to the specified team.

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<-401

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<-503

->/unsubscribe [team_uuid], unsubscribe you from the specified team, in order to stop being notify by the team's events.

<-200

<-401

<-500

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<-503

->/use ?[team_uuid] ?[channel_uuid] ?[thread_uuid]: specify the context for the following commands.

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<-503

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<-505

->/create: depending on the context, create a team, a channel, a thread or a reply.

/create ["team_name"] ["team_description"]

/create ["channel_name"] ["channel_description"]

/create ["thread_title"] ["thread_message"]

/create ["comment_body"]

<-200

<-401

<-402

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<-504

<-505

<-506



->/list: When the context is not defined, list all existing teams.

When team_uuid is defined, list all existing channels.

When channel_uuid is defined, list all existing threads.

When thread_uuid is defined, list all existing replies.

<-200

<-500

->/info: When the context is not defined, display currently logged user info.

When team_uuid is defined, display currently selected team info.

When channel_uuid is defined, display currently selected channel info.

When thread_uuid is defined, display currently selected channel info.

<-200

<-500

<-501