

## My\_TEAMS – RFC – Request For Comments- V1

### Requirements Notation:

This document occasionally uses terms that appear in capital letters.

When the terms "MUST", "SHOULD", "RECOMMENDED", "MUST NOT", "SHOULD NOT", and "MAY" appear capitalized, they are being used to indicate particular requirements of this specification.

### Line Length Limits:

There is one specific length limit to the number of characters in a line. Each line of characters **MUST NOT** have a length superior to 1024 characters.

That limitation is due to the size of the buffer which cannot handle more than 1024 characters.

### Arguments Length Limits:

There are three different limits depending of which kind of arguments you are using in your command line.

MAX\_NAME\_LENGTH -> 32

MAX\_DESCRIPTION\_LENGTH -> 255

MAX\_BODY\_LENGTH -> 512

### RULES:

- The **CRLF**: A command **MUST** always end with “\r\n”.

Server:

- The many Commands **MUST** always be written in uppercase

### Syntax:

#### Quoted characters:

## Folding White Space and Comments:

### SERVER PROTOCOLE:

#### Overall Message Syntax:

[Command Args CRLF ]

Command :

- |          |         |
|----------|---------|
| → HELP   | → LOGIN |
| → LOGOUT | → USERS |
| → USER   | → MESS  |
| → SUB    | → SUBD  |
| → UNSUB  | → USE   |
| → CREATE | → LIST  |
| → INFO   |         |

Args =

CRLF = [\r\n]

### CLIENT PROTOCOLE:

- |                                       |   |                 |
|---------------------------------------|---|-----------------|
| /help <LF>                            | → | HELP <CRLF> :   |
| /login <SP> <username> <LF>           | → | LOGIN           |
| /logout <LF>                          | → | LOGOUT <CRLF> : |
| /users <LF>                           | → | USERS <CRLF>    |
| /user <SP> <user_uid> <LF>            | → | USER :          |
| /send <SP> <user_uid> <msg_body> <LF> | → |                 |
| /messages                             |   |                 |