Contact Manager CLI

```
/> truc
Invalid command, type "help" to see the list of commands
/> help
help:    Provides help for the specified command, or list them if none. Commands arguments are <positional>, can be [<optional>],
keyword=<keyword>
add:     Adds a folder or a contact to the current folder
rm:      Removes a folder or a contact, by name, from the current folder
upd:     Updates a folder or a contact, by name, from the current folder.
list:    display the whole tree, using the current folder as root if "." specified
load:    load the tree from a save if exists, using the specified password (optional)
save:    save the tree, cyphed using the specified password (optional)
cd:      change the current working directory to the one specified, or to the root if none
pwd:     show the absolute path of the current working directory
exit:    exit the program without saving
/>
/> help add
add:     Adds a folder or a contact to the current folder
add <type: folder|contact> <name> [<firstname> <company> <relation: friend|colleague|network|other> <mail address>]
/> add folder Isima
/Isima> add folder Profs
/Isima/Profs> pwd
Pwd: /Isima/Profs
/Isima/Profs> list
root     (création 02/02/2024 18:21:27)

        Isima    (création 02/02/2024 18:21:30)

                Profs    (création 02/02/2024 18:21:30)

/Isima/Profs>
/Isima/Profs> add contact Ion Loic Limos other yon.loic@limos.fr
/Isima/Profs> list
root     (création 02/02/2024 18:21:27)

        Isima    (création 02/02/2024 18:21:30)

                Profs    (création 02/02/2024 18:21:30)
                    -       Loic    Ion     Other at Limos: yon.loic@limos.fr
/Isima/Profs>
/Isima/Profs> list .
Profs    (création 02/02/2024 18:21:30)
```

```
                -       Loic    Ion      Other at Limos: yon.loic@limos.fr
/Isima/Profs>
/Isima/Profs> help upd
upd:    Updates a folder or a contact, by name, from the current folder.
upd <type: folder|contact> <name> name=<new-name> [firstname=<firstname>] [company=<company>] [relation=<relation:
friend|colleague|network|other>] [email=<mail address>]
/Isima/Profs> upd contact Ion name=Yon company="Isima & Limos" relation=network
Update: contact name updated to Yon
Update: contact company updated to Isima & Limos
Update: contact relation updated to Network
/Isima/Profs> list
root    (création 02/02/2024 18:21:27)

        Isima   (création 02/02/2024 18:21:30)

                Profs   (création 02/02/2024 18:21:30)
                -       Loic    Yon      Network at Isima & Limos: yon.loic@limos.fr
/Isima/Profs>
/Isima/Profs> upd folder .. name="Isima & Limos"
/Isima & Limos/Profs> cd ..
/Isima & Limos> upd folder Profs name="Super Profs"
/Isima & Limos> list .
Isima & Limos   (création 02/02/2024 18:21:30)

        Super Profs     (création 02/02/2024 18:21:30)
                -       Loic    Yon      Network at Isima & Limos: yon.loic@limos.fr
/Isima & Limos>
/Isima & Limos> add contact Hill David "Limos & Isima" colleague benny@limos.fr
/Isima & Limos> list
root    (création 02/02/2024 18:21:27)

        Isima & Limos   (création 02/02/2024 18:21:30)
                -       David   Hill     Colleague at Limos & Isima: benny@limos.fr

                Super Profs     (création 02/02/2024 18:21:30)
                -       Loic    Yon      Network at Isima & Limos: yon.loic@limos.fr
/Isima & Limos>
/Isima & Limos> rm contact Hill
/Isima & Limos> cd "Super Profs"
/Isima & Limos/Super Profs> add contact Hill David "Limos & Isima" colleague benny@limos.fr
/Isima & Limos/Super Profs> list .
Super Profs     (création 02/02/2024 18:21:30)
        -       Loic    Yon      Network at Isima & Limos: yon.loic@limos.fr
        -       David   Hill     Colleague at Limos & Isima: benny@limos.fr
```

```
/Isima & Limos/Super Profs>
/Isima & Limos/Super Profs> add folder Amis
/Isima & Limos/Super Profs/Amis> add contact Quinzi Paul Isima friend pq@etu.isima.fr
/Isima & Limos/Super Profs/Amis> add contact "Le Gal" Evahn Isima friend elg@etu.isima.fr
/Isima & Limos/Super Profs/Amis> add contact Meguin Nathan Isima friend nm@etu.isima.fr
/Isima & Limos/Super Profs/Amis> list
root      (création 02/02/2024 18:21:27)

        Isima & Limos    (création 02/02/2024 18:21:30)

                Super Profs       (création 02/02/2024 18:21:30)
                        -       Loic    Yon      Network at Isima & Limos: yon.loic@limos.fr
                        -       David   Hill     Colleague at Limos & Isima: benny@limos.fr

                Amis      (création 02/02/2024 18:21:30)
                        -       Paul    Quinzi   Friend at Isima: pq@etu.isima.fr
                        -       Evahn   Le Gal   Friend at Isima: elg@etu.isima.fr
                        -       Nathan  Meguin   Friend at Isima: nm@etu.isima.fr
/Isima & Limos/Super Profs/Amis>
/Isima & Limos/Super Profs/Amis> cd ..
/Isima & Limos/Super Profs> rm folder Amis
/Isima & Limos/Super Profs> cd
/> cd "Isima & Limos/Super Profs/../Super Profs/../././."
/Isima & Limos> add folder Amis
/Isima & Limos/Amis> add contact Quinzi Paul Isima friend pq@etu.isima.fr
/Isima & Limos/Amis> add contact "Le Gal" Evahn Isima friend elg@etu.isima.fr
/Isima & Limos/Amis> add contact Meguin Nathan Isima friend nm@etu.isima.fr
/Isima & Limos/Amis> list
root      (création 02/02/2024 18:21:27)

        Isima & Limos    (création 02/02/2024 18:21:30)

                Super Profs       (création 02/02/2024 18:21:30)
                        -       Loic    Yon      Network at Isima & Limos: yon.loic@limos.fr
                        -       David   Hill     Colleague at Limos & Isima: benny@limos.fr

                Amis      (création 02/02/2024 18:21:30)
                        -       Paul    Quinzi   Friend at Isima: pq@etu.isima.fr
                        -       Evahn   Le Gal   Friend at Isima: elg@etu.isima.fr
                        -       Nathan  Meguin   Friend at Isima: nm@etu.isima.fr
/Isima & Limos/Amis>
/Isima & Limos/Amis> save mdp42
/Isima & Limos/Amis> cd
/> rm folder .
```

```
/> list
root    (création 02/02/2024 18:21:27)
/>
/> load
Load: loading failed: Invalid password, 2/3 remaining tries
/> load mdp41
Load: loading failed: Invalid password, 1/3 remaining tries
/> load mdp42
Load: loading successful
/> list
root    (création 02/02/2024 18:21:27)

        Isima & Limos   (création 02/02/2024 18:21:30)

                Super Profs     (création 02/02/2024 18:21:30)
                        -       Loic    Yon     Network at Isima & Limos: yon.loic@limos.fr
                        -       David   Hill    Colleague at Limos & Isima: benny@limos.fr

                Amis    (création 02/02/2024 18:21:30)
                        -       Paul    Quinzi  Friend at Isima: pq@etu.isima.fr
                        -       Evahn   Le Gal  Friend at Isima: elg@etu.isima.fr
                        -       Nathan  Meguin  Friend at Isima: nm@etu.isima.fr
/>
/> save
/> load mdp42
Load: loading failed: Invalid password, 2/3 remaining tries
/> load mdp43
Load: loading failed: Invalid password, 1/3 remaining tries
/> load mdp44
Load: too many invalid password: deleting the database...
/> load mdp45
Load: no save found
/> load
Load: no save found
/>
/> save
/> load
Load: loading successful
/> list
root    (création 02/02/2024 18:21:27)

        Isima & Limos   (création 02/02/2024 18:21:30)

                Super Profs     (création 02/02/2024 18:21:30)
```

```
                    -      Loic    Yon     Network at Isima & Limos: yon.loic@limos.fr
                    -      David   Hill    Colleague at Limos & Isima: benny@limos.fr

            Amis    (création 02/02/2024 18:21:30)
                    -        Paul    Quinzi  Friend at Isima: pq@etu.isima.fr
                    -        Evahn   Le Gal  Friend at Isima: elg@etu.isima.fr
                    -        Nathan  Meguin  Friend at Isima: nm@etu.isima.fr
/>
/> help help
help:   Provides help for the specified command, or list them if none. Commands arguments are <positional>, can be [<optional>],
keyword=<keyword>
help [<command name>]
/> help add
add:    Adds a folder or a contact to the current folder
add <type: folder|contact> <name> [<firstname> <company> <relation: friend|colleague|network|other> <mail address>]
/> help rm
rm:     Removes a folder or a contact, by name, from the current folder
rm <type: folder|contact> <name>
/> help upd
upd:    Updates a folder or a contact, by name, from the current folder.
upd <type: folder|contact> <name> name=<new-name> [firstname=<firstname>] [company=<company>] [relation=<relation:
friend|colleague|network|other>] [email=<mail address>]
/> help list
list:   display the whole tree, using the current folder as root if "." specified
list [.]
/> help load
load:   load the tree from a save if exists, using the specified password (optional)
load [<password>]
/> help save
save:   save the tree, cyphed using the specified password (optional)
save [<password>]
/> help cd
cd:     change the current working directory to the one specified, or to the root if none
cd [<relative path>]
/> help pwd
pwd:    show the absolute path of the current working directory
pwd
/> help exit
exit:   exit the program without saving
exit
/>
/>
```