Babel Documentation

Params type :

- user : char[64]

- password : char[256]

- message : char[1024]

- sound : char[256]

- ip : char[64]

- port : int

- response : int (0 or 1)

CLIENT → SERVER
Commands :

- Register : This command allow the user to be registered in our software by
entering an username and a password.

- Login : Users can connect to the babel using the Login command, it take his
username and password.

- Logout : Disconnet the client.

- getContactList : Users can send this command to receive all their contacts.

- AddContact : This command can add a contact to the user friends list by
entering his username, if the contact doesn't exist, an error will appears.

- DelContact : This command delete a contact from your friends list.

- RepContact : Return to the server the response from AddContact command.

- SendCall : This command allow the user to call a contact, if the contact don't
exist, or if he is already in a vocal conversation, it will end with an error.

- ResponseCall : Send the return value of the SendCall command to the server.

- EndCall : This is the return value after the end of a vocal conversation, it
will send an error if the conversation is anormaly interrupted.

- SendText : Users can send a message to another by using this command, it will
use the username that you want to receive your text and the message, it will
return an error if the user doesn't exist.

- getAllContact : This command send all the user from the database one by one.

- getContactOnline : This command send all the connected user from the database
one by one.

SERVER → CLIENT
Commands :

- AddContact : Send to the user who want to be added the name of the user who want to add him.

- RepContact : Send the response of the command AddContact to the user who add.

- SendCall : Send the call from an user to another with his ip adress and a port.

- ResponseCall : Send the response of the command SendCall to the user who call.

- EndCall : Send the end of the call to the user who doesn't end it.

- ReceiveText : Send the text to the user who as supposed to receive it.

- newConnexion : Send to all users that a friend is connected.

- delConnexion : Send to all users that a friend is deconnected.