USER GUIDE COLLA

SERVER

INFORMATION

VIEW THE SYSTEM LOGS

On the main screen Server - Server Status tab - available system information such as: client C connected, D customer signed up, among others.

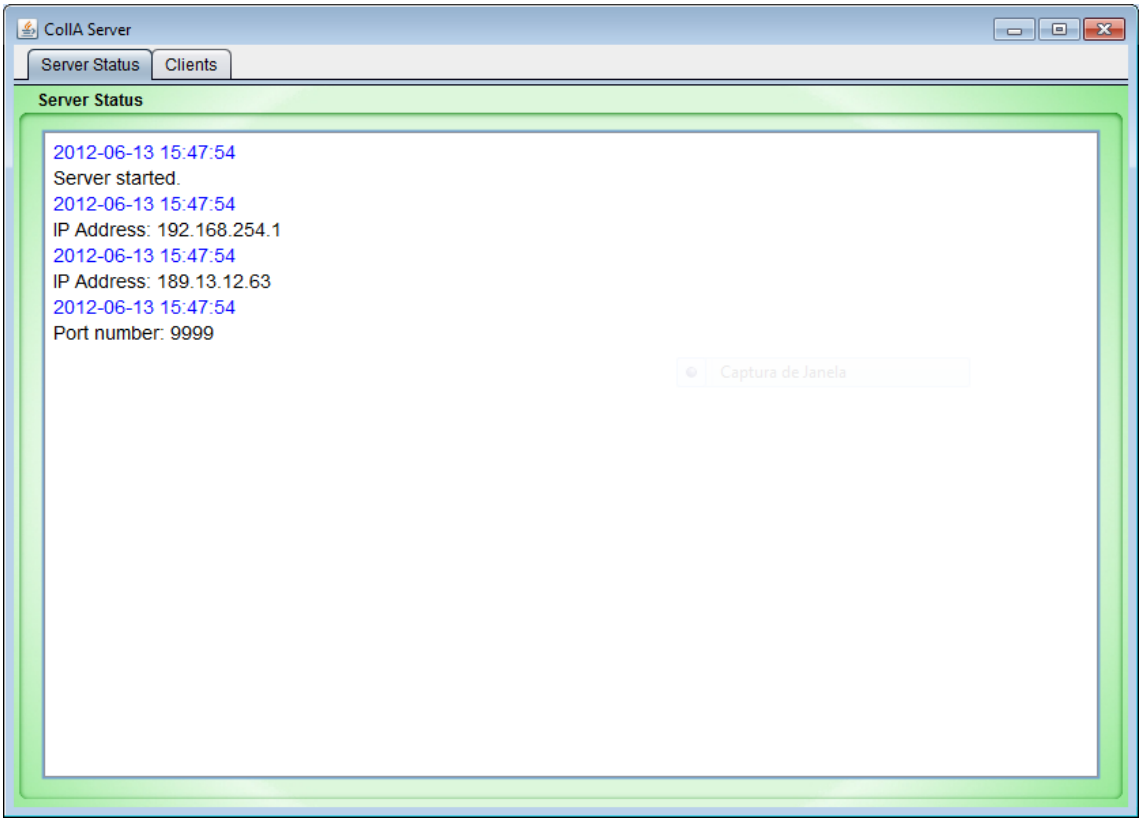


Fig1. Server status

VIEW CUSTOMER AND HOSTS REGISTERED

Clicking Clients tab you can view on the left, all registered customers on the platform and also their hosts.

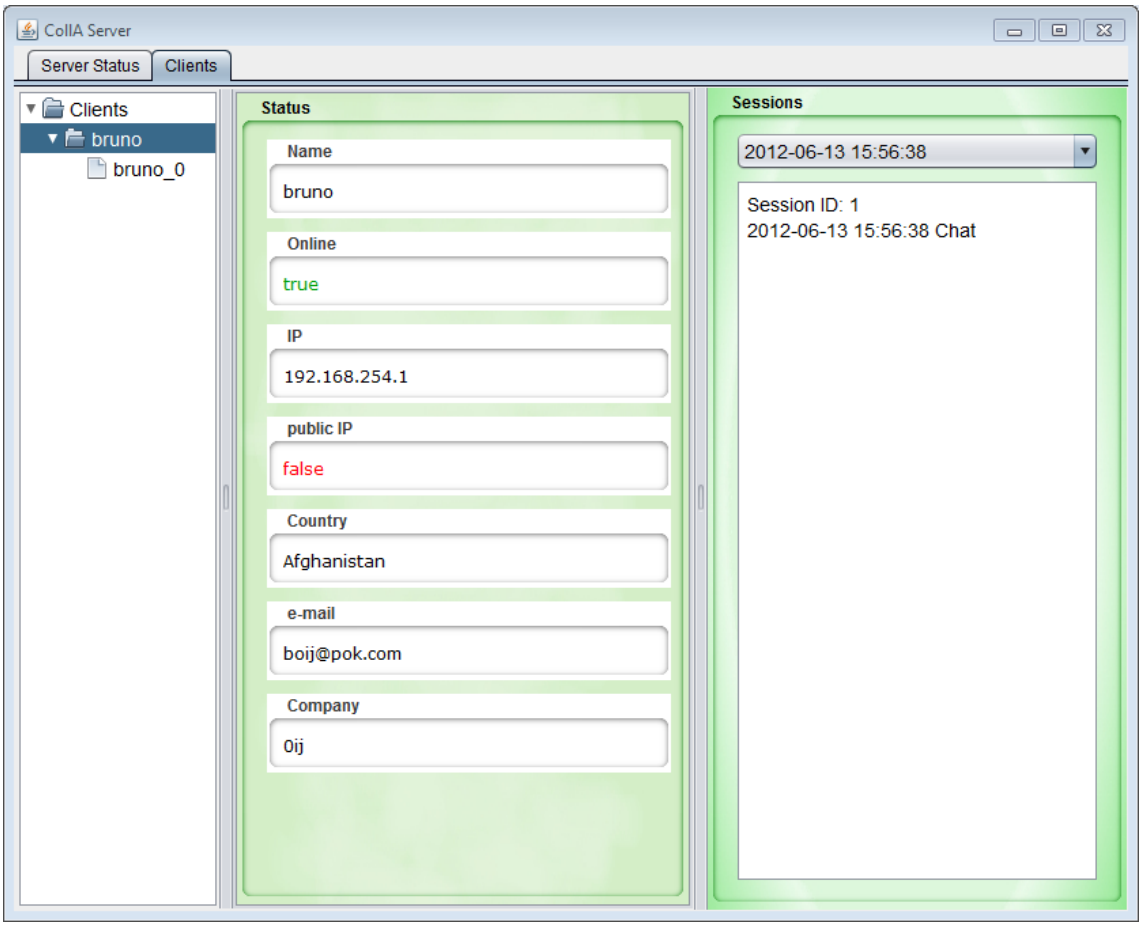


Fig2. Clients Colla and his hosts

VIEWING THE STATUS OF CLIENTS AND HOSTS

To view detailed information about each customer just select it for your information to appear in the center column Colla Application Server. The hosts registered user may be detailed by clicking on the desired host. In the example of Figure 2 have the Bruno client registered with only one host (bruno_0).

VIEWING SECTIONS

The sessions of each user can be presented in sessions component of Figure 2.

CLIENT

GENERAL

MAKE SIGN

To register on the platform you must click on "Signup" on the home screen and fill out a form with some personal information. Then confirm your registration by pressing the "Signup". Ready! You are registered on the platform Colla.

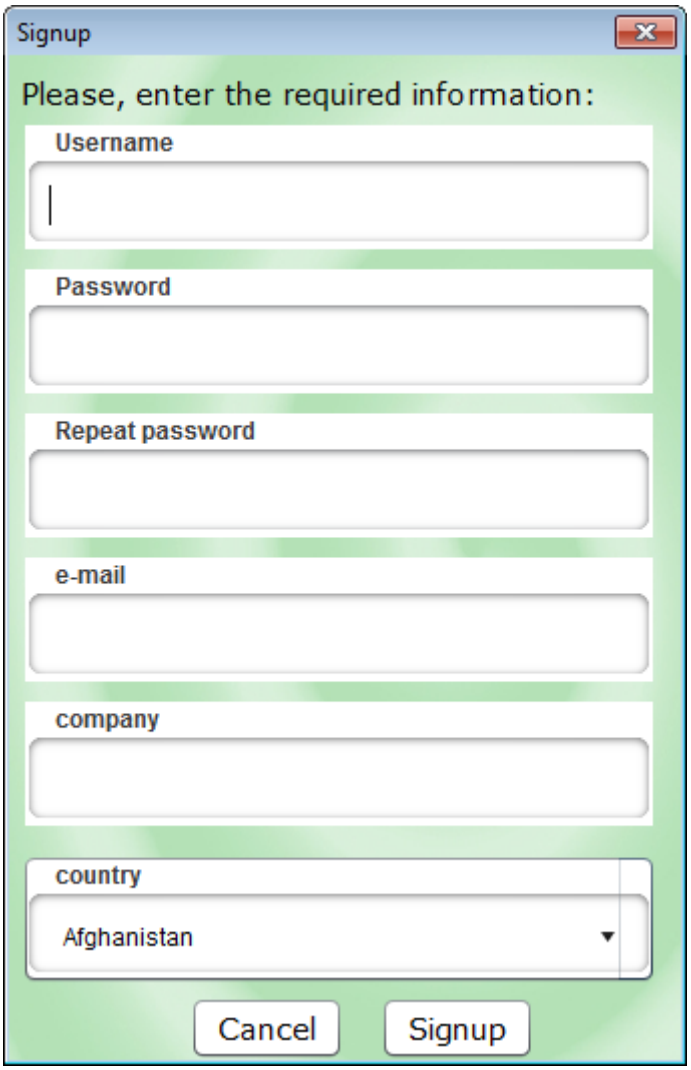


Fig3. Cadastre

LOGIN

To login please enter username and password on the home screen of the application, and then the "Login" button. The main program window will open.

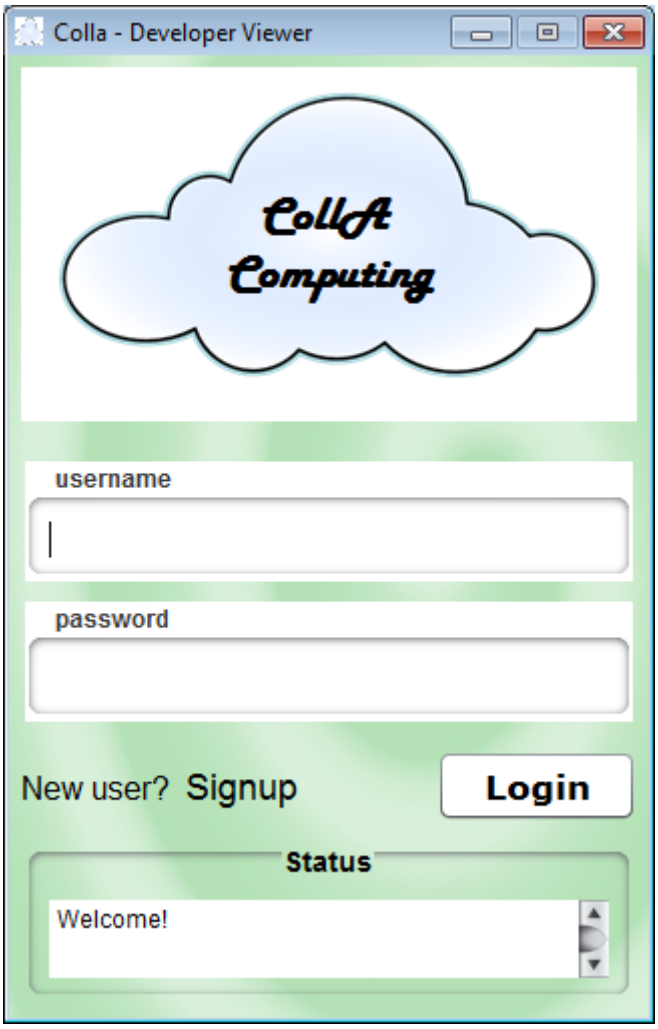


Fig4. Login

INFORMATION MAIN SCREEN

On the main screen you can view contacts in your group who are online or offline. Once you select a contact you can view hosts such contact in the lower left panel in Figure 5. Note that you can join several groups Colla. In the example of Figure 5, the user selected the group bruno-test Group colla and this group was chosen host bruno_0. The host bruno_0 has 4 processors, runs Windows, is registered in Brazil, etc.. At the bottom of the screen are provided some useful information, for example, if you have been accepted into a group that aims, the new group was created successfully, among others.

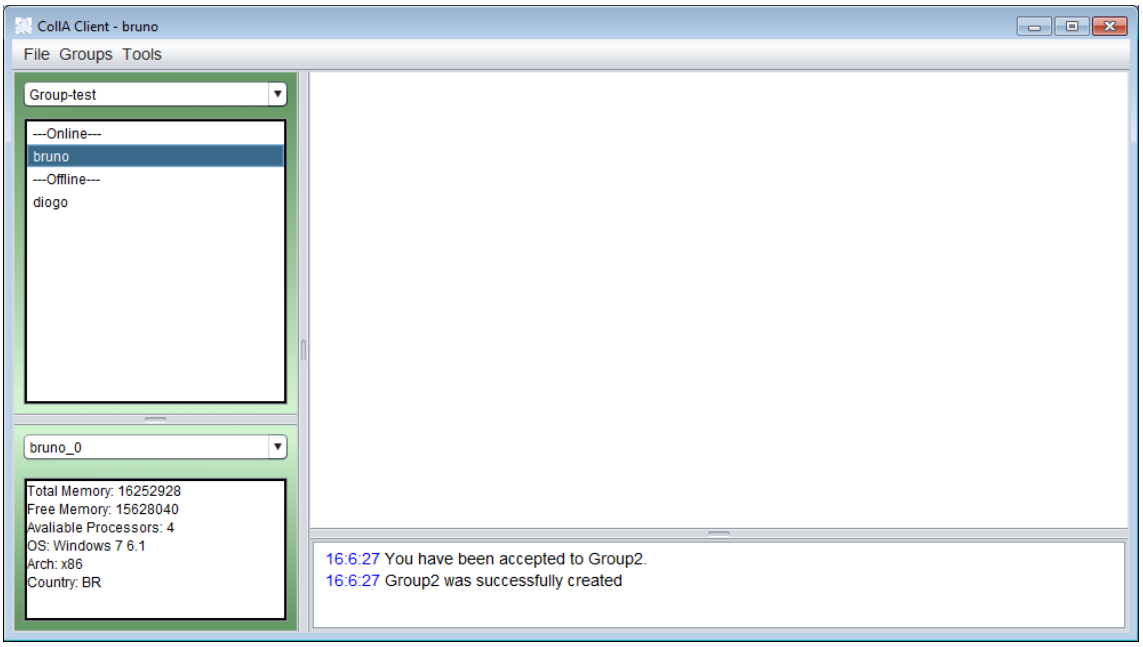


Fig5. GUI user platform Colla

GROUPS

CREATE NEW GROUP

To create a new group you must select "Groups" from the menu bar and then "Create a group". Enter the group name and select the "Create" button. You will already be part of this group. In Figure 6 we created the group test.

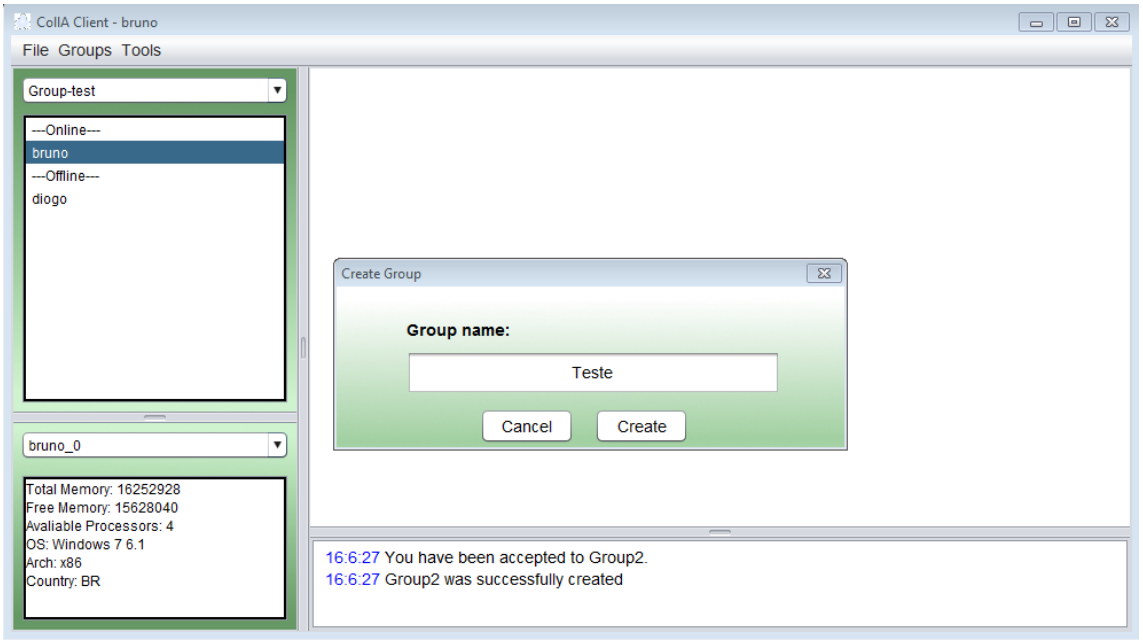


Fig6. Creating a new group CollA.

JOINING AN EXISTING GROUP

To apply for admission to an existing group you should go to "Groups-> Join a group", find the desired group, select it and then click the "Join". Remember that your ticket to the group depends on the acceptance of the administrator.

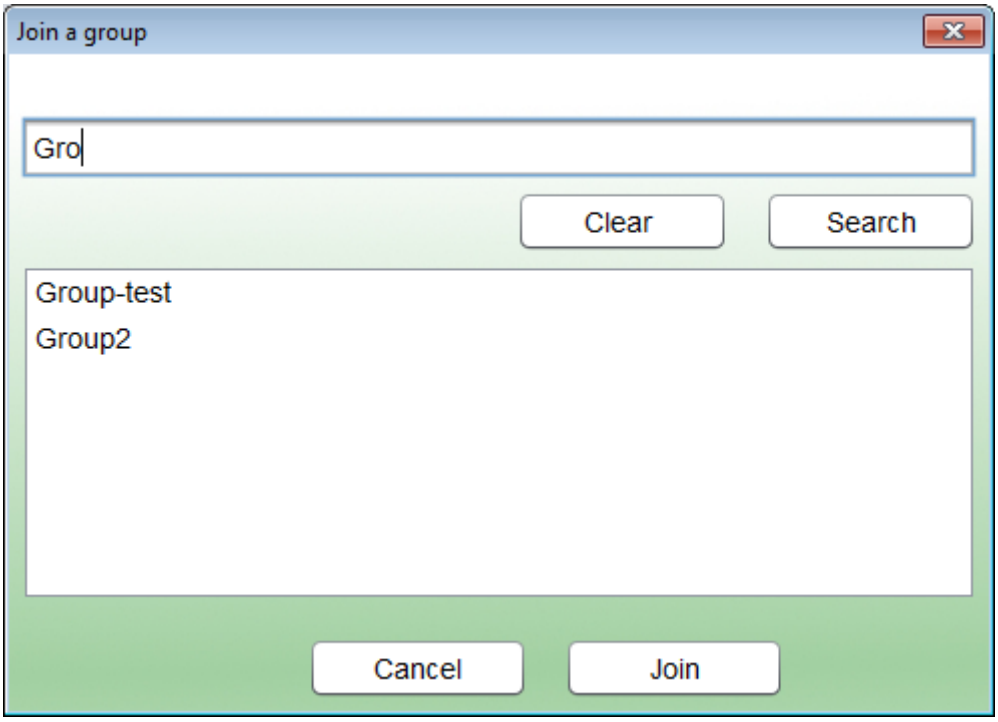


Fig7. Membership in the groups Colla

ACCEPT OR DECLINE ADMISSION OF MEMBERS IN MY GROUP

If you are an administrator of a group, you can check if there are pending requests for admission selecting "Groups-> manage my groups". A window will open and the left side is a list of users who have requested entry into the group. On the right side we have two lists, the first of the users you want to accept the second of the users you want to refuse. To accept or refuse you must select the desired user and insert it in the "Accept" or "Refuse" and then select the button "APPLY".

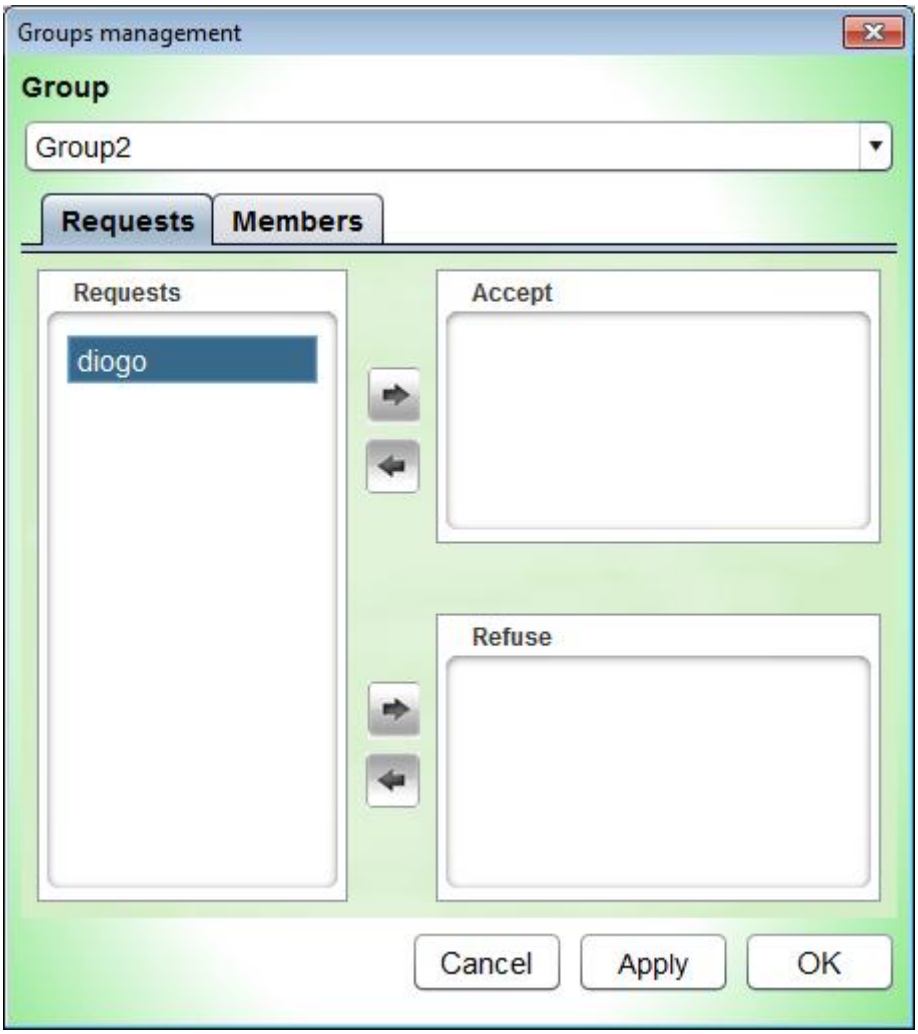


Fig8. Acceptances or denials of participation of members in groups Colla

SHOW GROUP INFO

In "Groups-> manage my groups" tab "Members" you can view a list of group members and to select any member you see some information about it. In Figure 9 illustrate the details of bruno member, belonging to Group-test.

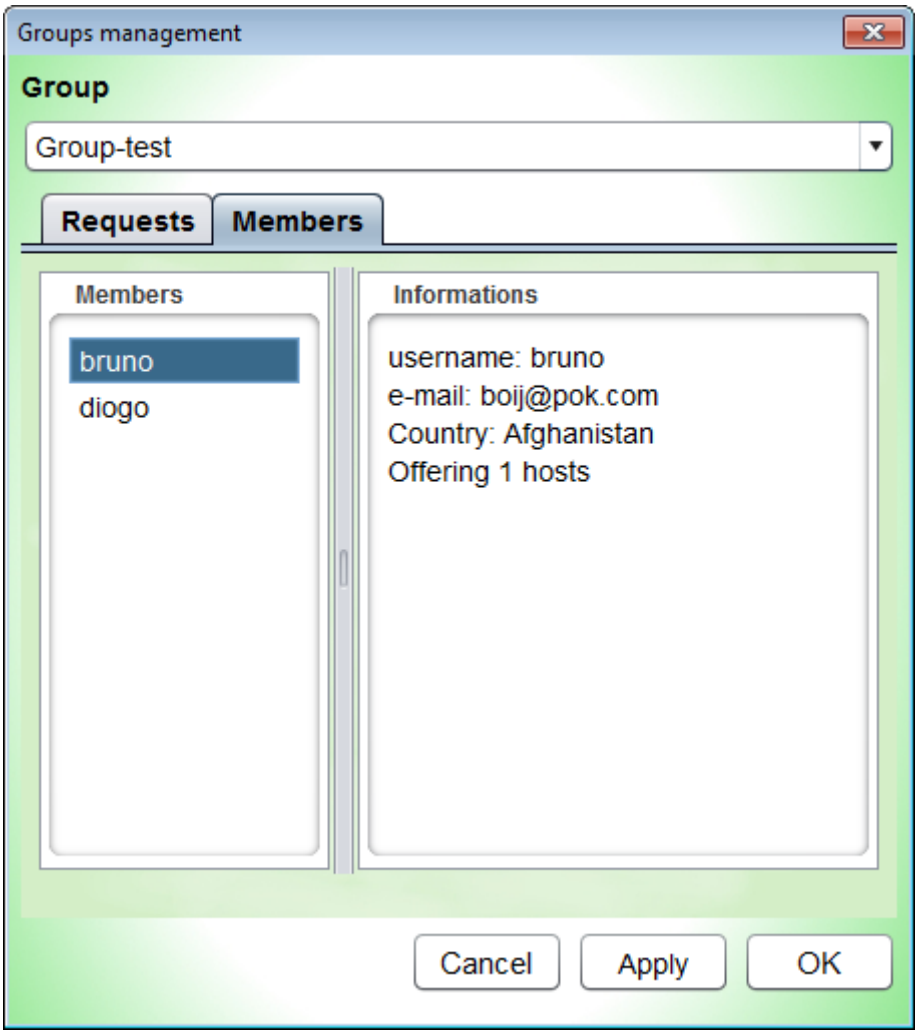


Fig9. Information about a member of a group CollA.

CHAT

SEND A CHAT MESSAGE

Chats can only be performed by people of the same group, so to start a chat with someone ought you to be in the same group. On the left side of the main screen you should give two clicks on a user. Once that is done, a chat window opens, as shown in Figure 10. Note that there is a tab for each user you are chatting.

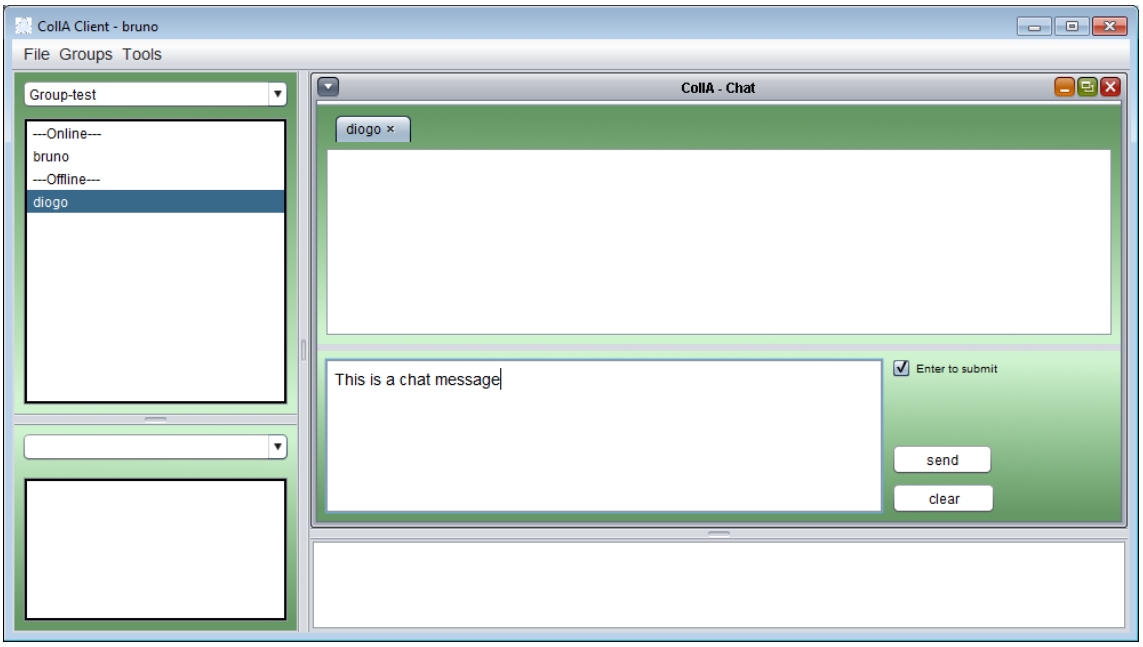


Fig10. Chats

TASKS

SEND A TASK

To send a task (a jar file, war or ear, with or without dependencies) to be performed by Colla remotely you must go to the menu "File-> Send Task". In the window that opens you should first select the group used to process the task. In this case the Colla selects only the hosts of this group to use in processing the task. In "Task dependencies" you must select all files "jar" task that needs to run. Click to add power to navigate the folders of your file system and choose. In "Task arguments (Files)" you must select all the files that will handle the task during its execution, eg text files. Click to add power to navigate the folders of your file system and choose. After these steps you should select the task to be performed (a jar file!). Click to add power to navigate the folders of your file system and choose. Shortly thereafter you must select the class to be executed among the classes available in the task, and the method to be executed among the methods of the class requested. The arguments defined in Task arguments are used as parameters to the method chosen, so the current version can only perform tasks that have no parameters or that these are files of any type.

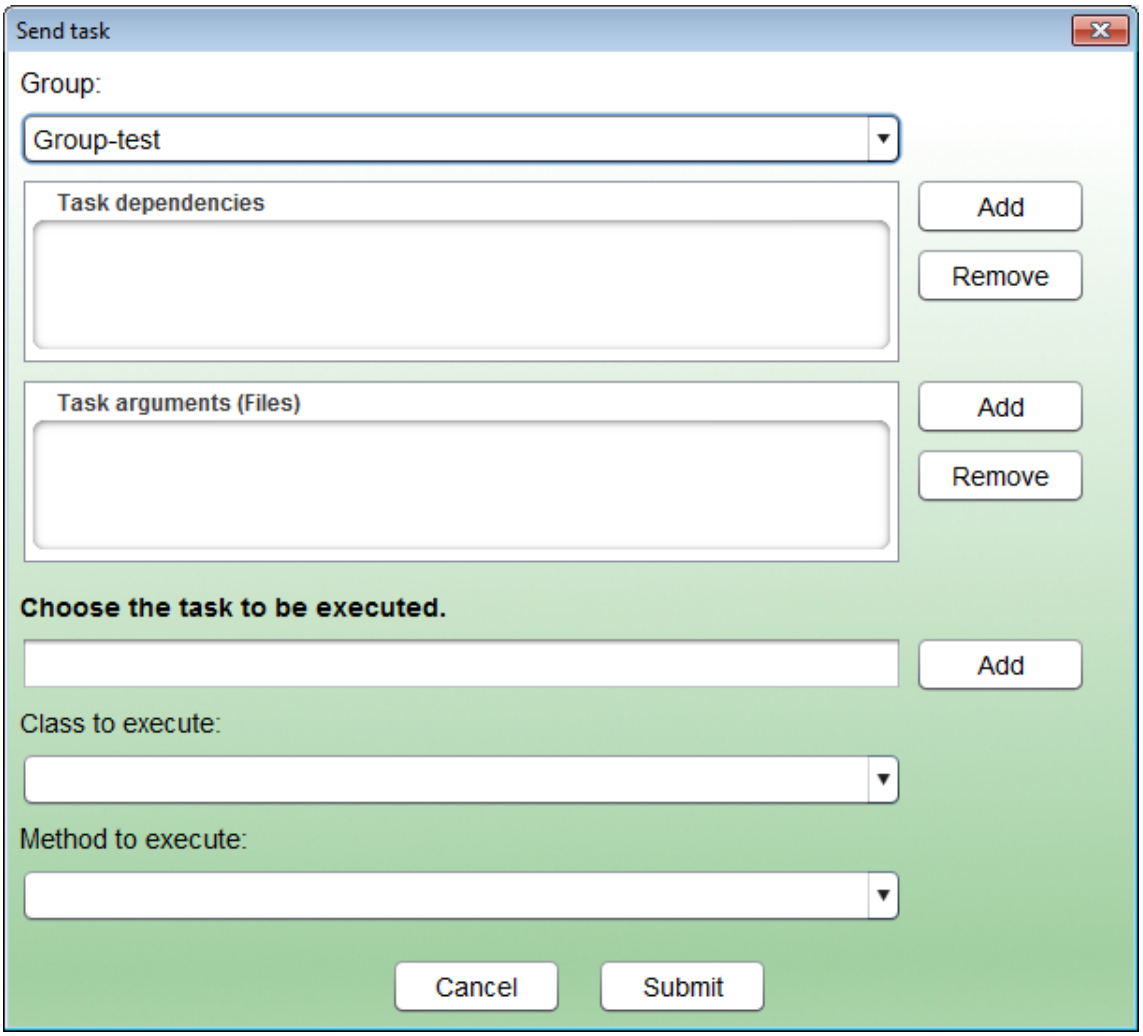


Fig11. Sending a task to run remotely using Colla hosts some group

VIEW RESULTS OF TASKS

To see the result of some task you must go to "File-> Results" and select the group to which the task belongs. A list of tasks within the group appears. Select the task you want to view different information of the task, as the result of the task. The result can be persisted on the machine where the user is operating the Colla, so just click click here to save ... to persist the result locally. If the result is the file type (Java Class File) including the Colla offers the option to open the application locally where this file will be displayed.

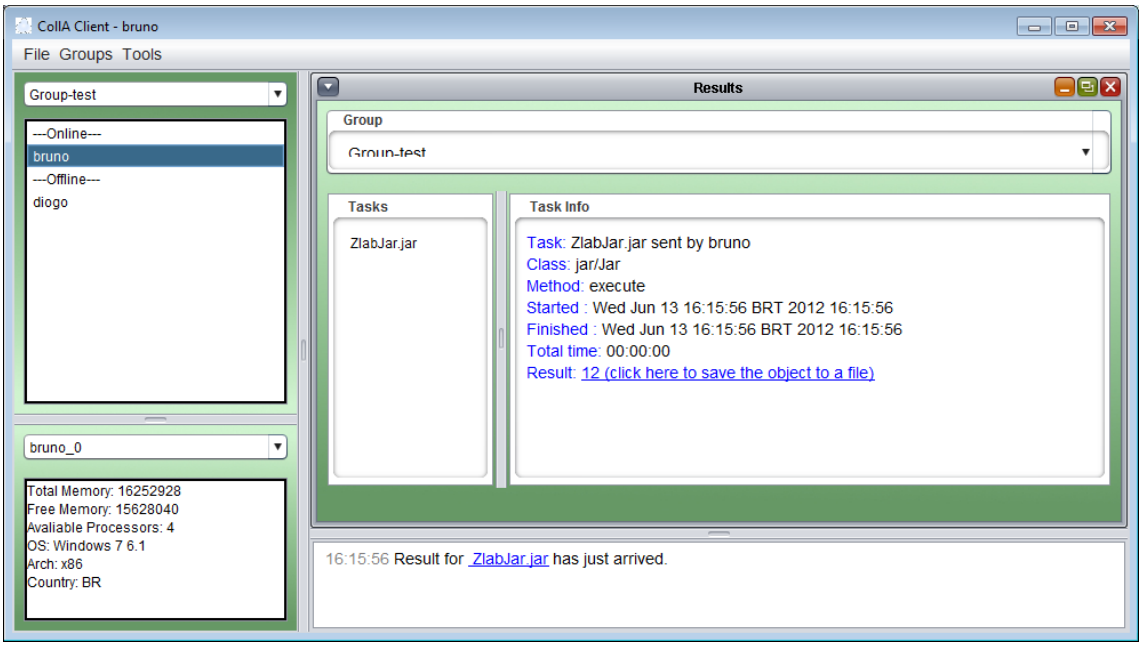


Fig12. Viewing the results of tasks submitted to Colla

LOGOUT

To exit the platform you should simply close the application.

HOST

GENERAL

MAKE SIGN

The first time you boot your host, you will have to register it. To do this simply enters your user information to which you want to link the new host. Note that the user has already registered using Figure 3, so by signing a host only inform data users or members already registered. Repeat this step for each machine that you aim to collaborate with others. Register and covers many of its partners the same attitude.

IMPORTANT: before you register a host should have to register a user.



Fig13. Register a host

LOG IN

Once you have registered your machine as host, it will automatically connect when the program starts.

INFO SCREEN PRONCIPAL

The main screen of the host brings us some information like ID linked to it and any possible connection error.

