

WEEKLY PROGRESS REPORT

Team:Venture Co.

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Progress:

For these iteration, i was responsible for integrating the exist version of communication to the project and finish the communication module by putting on the absent features that we need to finish it. I started this job and committed what i did so far to the SVN. So, these can be viewed by updating and running the project (by running "menu.java" under the package "ventureco.gui").

What is done so far: Each of the agents creates a server channel as soon as they are created. They have sequential port numbers starting from 5555. So we can manage each of the agent by checking the port number. "Port number - 5555 " gives a unique number for each agent starting from 0. I also managed to integrate connecting and sending message features to the agents. To show that, i added a very simple demo to SVN. When you start the application, the agent with the biggest port number (the last added agent), connects each of the agent seperately and send a data (in this case the data is "Venture CO.") to each of them. As a result of this job, the agent gives some information to terminal screen. The red colored lines on the output are about the current situation about connecting, message sending, opening or closing sockets. The black colored lines are about the send message.

Important notes before running the application:

1) It is needed to be implemented the steps on "Information.txt" file. It can be accessed from our web-site, under the link of Iteration-2.

If you have done this before, it is not needed on the following updates from SVN.

2) It may be needed to refresh the libraries under the java built path. The application may not see the libraries after the first check out.

3) If you want to test the application again and again, you need to be sure that the previous ones are closed. Since the port numbers of the agents starts from same number for each time, you should be sure that the previous sessions are closed; therefore, all of the sockets are closed.