STUDY OF MOBILE AGENT TO IMPLEMENT NETWORK AGENT AND MESSAGES SENDING AGENT THAT EMBRACE ENCRYPTION TECHNIQUE TO ENHANCE SECURITY NETWORK

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ABSTRACT

The aim of this project is to study on agent technology to develop a mobile agent that allows sending of messages between users and create a network agent to retrieve local user information from a remote computer within the local area network. A mobile agent is a program that can migrate from host to host in a network of heterogeneous computer system and fulfill a task specified by its owner. It work autonomously and communicates with other agents and host system. To make agent more secure while migrating from host to host, an encryption algorithm will be included in the message sending agent to safeguard the user's message before releasing it into the network. The user who received other's user message will have to decrypt the message in order to view the content of the message.

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