Middle East Technical University

Department of Computer Engineering

`A Unified News Exchange Server`

Weekly Report #5

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“NewsAgent”

by

iŞTE Yazılım

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This week we have worked altogether as Iste Team to gain experience on the detailed concepts of the NewsAgent.

- Firstly, we have implemented a small client-server application to listen a specific port on a local computer and to send a message to that server through a socket. We have implemented a thread by extending the Thread class of Java to listen a port. That thread listens the socket repeatedly and accepts the messages if comes any. The client connects to the server by using the ip address and the port number and sends and gets messages through the opened port.

- Secondly, we have deployed a web service in the tomcat servlet container by using axis. Then we have implemented a client which invokes that service methods. We have used junit.jar for unit testing. That testing library had generated the client classes automatically.

To sum up, we have learned a lot about the details of the NewsAgent. We will add some critical structures to our design apart from the requirement analysis.