

Interactive Chat Client (ICC)

Project Proposal

Group Members

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Abstract

Chat clients have been traditionally available since times immemorial (in computing). We intend to build yet another chat client using the XSB board.

The configuration of our system is as follows:

Key board will be connected to RS-232 connector on the board. Software will be written (or downloaded) that speaks UDP on one side and NE2000 on other side. After setting up UDP/Ethernet on the board, a simple protocol will be developed for chat communication (using UDP). A simple graphical interface will be developed for chat client.

Basic goal is to build a simple and efficient chat client.

Modules

- NE2000-UDP
- RS-232 Interface
- Graphical Display
- Chat Client Protocol

Possible Addons

- Voice capture through mic, encoding into packets
- Sending voice traffic