

Title	発話者の文章内容を補完するヒューマンインターフェースの研究
Author(s)	佐藤, 隆幸
Citation	
Issue Date	2001-03
Type	Thesis or Dissertation
Text version	none
URL	http://hdl.handle.net/10119/741
Rights	
Description	Supervisor: 櫻井 彰人, 知識科学研究科, 修士

Research on chat program interfaces to facilitate communication

Sato Takayuki

School of Knowledge Science,
Japan Advanced Institute of Science and Technology

March 2001

Keywords: face-to-face communication, message, media, verbal communication, nonverbal communication, chat, human interface.

The communication done between people facing each other is called face-to-face communication. Although the number of participants of one face-to-face communication is various from two to many as audience of speech, generally communication is considered to be based on the "language" told by the mouth to materialize communication in every scene. This will be because will and ideas are usually communicated by sound. However, only by using "language", communication is imperfect and communication may not be established sometimes. It does not ask whether dispatch is conscious, but when calling message the information which a man can read, it also needs to include exchange of the message which is not conscious in communication activities. This requires us to generalize the communication by only "language." One is recognize information media other than "language." The other is that communication is not dependent on whether it is conscious or unconscious, intentional or accidental. Other than the media by which we send messages our body, that is the body is a media in wide sense "language", it can be said that the body in a large meaning sends a message by face-to-face communication, and the body is media.

A man's communication divides into the one by "language", and the one not by "language" The former is called verbal communication and the latter is called nonverbal communication. Nonverbal communication is communication by means other than "language." However, it is common that nonverbal communication does not include the communication by using the letter or the drawing and is restricted to the message expression by the body as mentioned above.

A chat is one of the methods for communicating on the Internet. A chat is performed by sending instantaneously characters or sentences to express what are in their minds one

that we have to communicate just by words and that we have to what the other feel based on the . However, difficulties for a chat, by misunderstanding is often produced in each other since sometimes the intention of the speakers is misinterpreted by refering to usage on wording of the sentences they send.

As opposed to it, for face-to-face communication, nonverbal information, such as the intonation of voice, a gesture, a look, and expression are used to reduce the possibility of misunderstanding.

Then, in this research, we propose a human interface for the chat the nonverbal information which is hard to transmit only in written form is incorporated on a text, the amount of information in utterance is increaseds.