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| Title | 大遅延を提供するメッセージサービスの提案と受信者属性の一致による実現方法に関する研究 |
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| Citation | |
| Issue Date | 2005-03 |
| Type | Thesis or Dissertation |
| Text version | author |
| URL | http://hdl.handle.net/10119/1937 |
| Rights | |
| Description | Supervisor:篠田 陽一, 情報科学研究科, 修士 |

Proposal of large delay message service and implementation by matching receiver attribute

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February 10, 2005

Keywords: message service, large delay, ambiguous search.

The message services of various forms and conformatnions exist now such as Mail , Telephone and Fax that exists from old, Internet-based E-mail, IRC and Instant Messenger and Net Meeting in recent years.

The message service extends to many fields as a means to exchange information among men assuming that it is necessary and indispensable.

The message service sends the message to the other person by specifying the destination address. The station or the server that manages the address search the user who matches to the destination address and begin the transmission work of the message.

In the past concept the server matches the address at the same time as the message's reaching. And, when the match succeeds, the transmission operation is done. Afterwards, the message is immediately deleted assuming that the role is finished.

In the proposal concept the message is not deleted at this time and the message is preserved as data in the messaging system. As a result, the concept of time is introduced into the message service. This paper proposes the message service to implement the large delay. As a result, transmitting the message to the person who will be registered as a user in the future becomes possible.

It is impossible in a past address decision process to achieve the proposal concept. First, the service of the message of the old model doesn't have

the concept of preserving the message in the messaging system. Next, the service of the message of the old model doesn't have the attribute concerning time. And, many of services of the message of the old model operates the match only for one attribute (for instance, mail address or IP address).

It thinks about the thing that the proposal concept accumulates the message in the messaging system. As a result, the concept at time is introduced into the message service. And in the proposal concept the match of two or more attributes is permitted. concept. The attribute has the attribute in which the time such as "Expired message or Interval of Matching" without past concept is considered .

Because the proposal concept is different in various respects compared with the message service of the past, the evaluation and the comparison with an existing concept from a lot of aspects are needed. In the diversified comparison of an existing concept and the proposal concept, significant of the proposal service and note when the proposal service was provided were enumerated in this paper.

In the message service to inpriment the large delay proposes with this paper, the message is enabled to be sent to the other party who will have Sendar in the future. And, the proposal concept to include the service of the message of the old concept and is enhancing of the message service of the past.