CLAIMS

1. A mail processing method, comprising:

receiving a to-be-sent mail;

obtaining, if it is identified that the to-be-sent mail comprises an instant messaging group identifier, a group mail address corresponding to the instant messaging group identifier; and

sending the to-be-sent mail to the group mail address;

after it is detected that the group mail address receives the mail, determining, according to the instant messaging group identifier, member mail addresses of members in an instant messaging group corresponding to the instant messaging group identifier; and

sending the received mail to the member mail addresses.

2. The method according to claim 1, wherein the determining, according to the instant messaging group identifier, member mail addresses of members in the instant messaging group corresponding to the instant messaging group identifier comprises:

initiating, according to the instant messaging group identifier corresponding to the group mail address carried in the mail, a group member query request to an instant messaging server;

receiving member identifiers of the members comprised in the instant messaging group fed back by the instant messaging server; and

determining, according to the member identifiers, the member mail addresses of the members in the instant messaging group.

3. The method according to claim 1, wherein the determining, according to the instant messaging group identifier, the member mail addresses of the members in the instant messaging group corresponding to the instant messaging group identifier comprises:

performing a deduplication operation on the member mail addresses;

the sending the received mail to the member mail addresses comprises:

sending the received mail to deduplicated member mail addresses.

4. The method according to claim 3, wherein the performing the deduplication operation on the member mail addresses comprises:

determining, according to the instant messaging group identifier, the members comprised in the instant messaging group;

performing the deduplication operation based on member identifiers of the members; and

determining deduplicated member mail addresses based on deduplicated member identifiers.

5. The method according to claim 3, wherein the performing the deduplication operation on the member mail addresses comprises:

determining, according to the instant messaging group identifier, the members comprised in the instant messaging group;

determining, based on member identifiers of the members, the member mail addresses; and

performing the deduplication operation on the member mail addresses to obtain deduplicated member mail addresses.

6. The method according to claim 1, wherein the obtaining the group mail address corresponding to the instant messaging group identifier comprises:

querying whether the group mail address corresponding to the instant messaging group identifier exists; and

if the group mail address corresponding to the instant messaging group identifier does not exist, creating a corresponding group mail address for the instant messaging group.

7. The method according to any one of claims 1 to 6, wherein the sending the received mail to the member mail addresses comprises:

in response to a case that a sender is a group member of the instant messaging group, blocking sending the to-be-sent mail to the sender.

8. The method according to any one of claims 1 to 7, wherein the obtaining, if it is identified that the to-be-sent mail comprises the instant messaging group identifier, the group mail address corresponding to the instant messaging group identifier comprises:

obtaining, if the instant messaging group identifier is comprised in a body of the to-be-sent mail, the group mail address indicated by the instant messaging group identifier; and

adding the group mail address indicated by the instant messaging group identifier to a recipient address.

9. The method according to any one of claims 1 to 8, further comprising: during a user input process, automatically recommending a candidate instant messaging group identifier based on what is input by a user.

10. The method according to claim 9, further comprising: invoking an automatic recommendation component in response to a specific prompt input by the user, wherein the automatic recommendation component automatically recommends, based on what is input by the user, the candidate instant messaging group identifier, for the user to select and input.

11. The method according to claim 9, wherein the candidate instant messaging group identifier has display information representing an instant messaging group.

12. The method according to any one of claims 1 to 11, wherein:

the instant messaging group identifier is associated with a sender.

13. The method according to any one of claims 1 to 12, wherein the group mail address is a

hash address or the group mail address comprises a keyword corresponding to a group identifier.

14. The method according to any one of claims 1 to 13, wherein the group mail address corresponds to the instant messaging group identifier one-to-one.

15. A mail processing method, comprising:

obtaining a recipient identifier, wherein the recipient identifier comprises multiple instant messaging group identifiers, or the recipient identifier comprises a personal mail address and at least one instant messaging group identifier; and

sending, based on the recipient identifier, a mail to a recipient indicated by the recipient identifier;

wherein the sending, based on the recipient identifier, the mail to the recipient indicated by the recipient identifier comprises:

sending the mail to a group mailbox indicated by an instant messaging group identifier of the multiple instant messaging group identifiers or indicated by the at least one instant messaging group identifier, to enable the group mailbox to distribute the mail to member mail addresses of members of an instant messaging group corresponding to the instant messaging group identifier of the multiple instant messaging group identifiers or the at least one instant messaging group identifier.

16. The method according to claim 15, wherein the obtaining the recipient identifier comprises:

obtaining a character of the recipient identifier input by a user in real time;

requesting, according to the character input by the user, an instant messaging server to perform an identifier query, so as to request the instant messaging server to query a group identifier or a user identifier that comprise the character input by the user; and

obtaining the group identifier or the user identifier fed back by the instant messaging server, and displaying the group identifier or the user identifier in association with a user input position.

17. The method according to claim 16, wherein the displaying the group identifier or the user identifier in association with the user input position comprises:

displaying the group identifier or the user identifier in an associated position of a recipient input column.

18. The method according to claim 16 or 17, after displaying the group identifier or the user identifier in association with the user input position, further comprising:

using, if a selection indication of the user is obtained, the group identifier or user identifier selected by the user as the recipient identifier; and

obtaining, if the selection indication of the user is not obtained, the character of the recipient

identifier subsequently input by the user, combining an obtained character with the character of the recipient identifier that was input before, and then returning back to perform an operation of requesting the instant messaging server to perform the identifier query.

19. The method according to claim 15, wherein if there are multiple recipient identifiers, the mail servers to which the recipient identifiers belong are the same or different.

20. The method according to claim 15, wherein the sending the mail to a group mailbox indicated by an instant messaging group identifier of the multiple instant messaging group identifiers or indicated by the at least one instant messaging group identifier, to enable the group mailbox to distribute the mail to member mail addresses of members an instant messaging group corresponding to the instant messaging group identifier of the multiple instant messaging group identifiers or the at least one instant messaging group identifier comprises:

sending the mail to a mail server, so that the mail server determines a group mail address according to the instant messaging group identifier of the multiple instant messaging group identifiers or the at least one instant messaging group identifier, sends the mail to the group mail address, and distributes the mail to the member mail addresses of the members of the instant messaging group.

21. The method according to any one of claims 15 to 20, further comprising:

obtaining a group mail address corresponding to the group mailbox through the instant messaging group identifier of the multiple instant messaging group identifiers or the at least one instant messaging group identifier, and displaying the group mail address in the mail.

22. A device, comprising:

one or more processors;

a memory having stored thereon one or more programs; and

the one or more programs, when executed by the one or more processors, cause the one or more processors to:

implement the mail processing method according to any one of claims 1 to 21.

23. A non-transitory computer readable storage medium, having stored thereon a computer program which, when executed by a processor, implements the mail processing method according to any one of claims 1 to 21.