CLAIMS

1. An information interaction method, comprising:

receiving a group creating request message comprising an identification of a group member, and creating a discussion group comprising the group member based on the group creating request message, wherein the group creating request message is sent by a mail server, and the group member comprises a participant of a target email; and

sending a group creating notification message to an IM client device of the group member, to display the discussion group on the IM client device based on the group creating notification message.

2. The method according to claim 1, wherein the group member comprises a sharer and a shared member of the target email; and

the creating a discussion group comprising the group member based on the group creating request message comprises:

creating a discussion group comprising the sharer and the shared member based on the group creating request message.

3. The method according to claim 2, wherein the group creating request message is generated through the mail server by:

receiving a sharing instruction, wherein the sharing instruction is generated by a mail client device of the sharer based on the target email, and the sharing instruction comprises the identification of the group member; and

generating the group creating request message based on the sharing instruction.

4. The method according to claim 1, wherein the group member comprises a sender, a recipient and a carbon copy person of the target email; and

the creating a discussion group comprising the group member based on the group creating request message comprises:

creating a discussion group comprising at least one of the sender, the recipient and the carbon copy person, based on the group creating request message.

5. The method according to claim 1, wherein after the creating a discussion group

comprising the group member based on the group creating request message, the method further comprises:

sending the group creating notification message to a mail client device through the mail server, to display the discussion group on the mail client device based on the group creating notification message.

6. The method according to claim 3, wherein after the creating a discussion group comprising the group member based on the group creating request message, the method further comprises:

receiving a processing instruction, wherein the processing instruction is generated by a mail client device of a user based on the target email, and the processing instruction comprises an identification of the user; and

adding the user to the discussion group as a group member based on the identification of the user.

7. The method according to claim 5, wherein after the sending the group creating notification message to the IM client device of the group member, the method further comprises:

receiving discussion information of the discussion group on the IM client device; and

sending the discussion information to the mail client device, to display the discussion information in the discussion groups on both the mail client device and the IM client device synchronously.

8. The method according to claim 5, wherein after the sending the group creating notification message to the IM client device of the group member, the method further comprises:

receiving the discussion information of the discussion group from the mail client device; and

sending the discussion information to the IM client device, to display the discussion information in the discussion groups on both the mail client device and the IM client device synchronously.

9. The method according to claim 5, wherein after the sending the group creating

notification message to the mail client device through the mail server, the method further comprises:

receiving a discussion group state update message from the mail client device; and

sending the discussion group state update message to the IM client device, to update a state of the displayed discussion group by the IM client device based on the discussion group state update message.

10. The method according to claim 5, wherein after the sending the group creating notification message to the IM client device of the group member, the method further comprises:

receiving the discussion group state update message from the IM client device; and

sending the discussion group state update message to the mail client device, to update a state of the displayed discussion group by the mail client device based on the discussion group state update message.

11. The method according to claim 9 or 10, wherein the discussion group state update message comprises at least one of: a group member update message, dissolution of the discussion group, update of discussion information in the discussion group and update of a reading status of the discussion information in the discussion group.

12. The method according to claim 11, wherein after the receiving the discussion group state update message from the IM client device, the method further comprises:

adding the group member update message to a message queue, wherein the group member update message comprises withdrawing of an existing group member and/or an addition of a new group member;

receiving a group member state acquisition instruction from the mail server;

sending the group member update message to the mail server based on the group member state acquisition instruction, to update a target email collaborator list by the mail server based on the group member update message.

13. The method according to claim 10, wherein the group member state acquisition instruction is generated when the mail server monitors that a group member update message is added to the message queue of an IM server.

14. The method according to claim 5, wherein after the sending the group creating notification message to the mail client device through the mail server, the method further comprises:

receiving from the mail server a group member addition request message comprising an identification of a new member; and

adding the new member to the discussion group based on the group member addition request message.

15. The method according to claim 14, wherein the group member addition request message is sent when the mail server shares the target email with the new member.

16. The method according to claim 2, further comprising:

receiving an editing content message from the mail server, wherein the editing content message is sent from a document server to the mail server after the document server edits a shared document corresponding to the target email based on a mail editing instruction sent by the mail client device of the group member; and

sending the editing content message to the discussion group on the IM client device for display.

17. An information interaction method, comprising:

receiving a sharing instruction, wherein the sharing instruction is generated by a mail client device of a sharer based on a target email, and generating a group creating request massage comprising an identification of a group member based on the sharing instruction, wherein the group member comprises a participant of the target email; and

sending the group creating request message to an IM server, wherein the IM server creates a discussion group comprising the group member based on the group creating request message, and sends the group creating notification message to an IM client device of the group member, to display the discussion group on the IM client device based on the group creating notification message.

18. The method according to claim 17, wherein after the sending the group creating request message to the IM server, the method further comprises:

monitoring a message queue of the IM server, and generating a group member state

acquisition instruction when it is determined that a group member update message is added to the message queue;

sending the group member state acquisition instruction to the IM server;

receiving the group member update message, wherein the group member update message is sent by the IM server based on the group member state acquisition instruction; and

updating a target email collaborator list based on the group member update message.

19. The method according to claim 18, wherein after the updating a target email collaborator list based on the group member update message, the method further comprises:

assigning a processing permission of the target email to a new member of the group and canceling a processing permission of the target email enjoyed by a member withdrawing from the group, based on the updated target email collaborator list.

20. The method according to claim 17, wherein after the sending the group creating request message to the IM server, the method further comprises:

receiving a group member addition request message comprising an identification of a group member from the mail client device; and

sending the group member addition request message to the IM server, to add the group member to the discussion group by the IM server based on the group member addition request message.

21. The method according to claim 17, further comprising:

receiving a request for viewing a message card from the IM client device;

determining an email corresponding to the message card based on the request for viewing the message card; and

sending the determined email to the IM client device, to display content of the email on the IM client device.

22. An information interaction apparatus, comprising:

a discussion group creating module configured to receive a group creating request message comprising an identification of a group member and create a discussion group comprising the group member based on the group creating request message, wherein the

group creating request message is sent by a mail server, and the group member comprises a participant of a target email; and

a group creating notification message sending module configured to send a group creating notification message to an IM client device of the group member, to display the discussion group on the IM client device based on the group creating notification message.

23. An information interaction apparatus, comprising:

a group creating request message generation module configured to: receive a sharing instruction, wherein the sharing instruction is generated by a mail client device of a sharer based on a target email; and create a group creating request massage comprising an identification of a group member based on the sharing instruction, wherein the group member comprises a participant of the target email; and

a group creating request message sending module configured to send the group creating request massage to the IM server, wherein the IM server creates a discussion group comprising the group member based on the group creating request message, and sends a group creating notification message to an IM client device of the group member, to display the discussion group on the IM client device based on the group creating notification message.

24. An IM server, comprising:

one or more processors; and

a storage device configured to store one or more programs that, when being executed by the one or more processors, cause the one or more processors to perform the method according to any one of the claims 1 to 16.

25. A mail server, comprising:

one or more processors; and

a storage device configured to store one or more programs that, when being executed by the one or more processors, cause the one or more processors to perform the method according to any one of the claims 17 to 21.

26. An information interaction system, comprising the IM server according to claim 24 and the mail server according to claim 25.

27. A computer-readable storage medium, wherein the computer-readable storage medium stores a computer program that, when being executed by a processor, performs the method according to any one of claims 1 to 21.