CLAIMS

What is claimed is:

1. A session data processing method, performed by a user terminal, the method comprising:

obtaining, in response to a first reply operation performed on a first ~~session data~~group chat message on a ~~primary session page~~group chat page, a second ~~session data~~group chat message that has a reply association relationship with the first ~~session data~~group chat message, outputting a first reply group chat message on the group chat page, the first reply group chat message comprising the first group chat message, the second group chat message, and a set entry of a session set corresponding to the first ~~session data~~group chat message, and generating a set creation instruction for the first ~~session data~~group chat message;

transmitting the set creation instruction and the second ~~session data~~group chat message to a server, so that the server determines the session set according to the set creation instruction, the first ~~session data~~group chat message, and the second ~~session data~~group chat message;

creating, in response to an expansion operation performed on the set entry, a session set page corresponding to the session set on the ~~primary session~~group chat page, and transmitting an obtaining instruction to the server; and

receiving the session set from the server, and outputting ~~session data~~group chat messages in the session set on the session set page, the session set comprising the first ~~session data~~group chat message and at least one ~~piece of the~~ second ~~session data~~group chat message, and each ~~piece of the~~ second ~~session data~~group chat message having a reply association relationship with the first ~~session data~~group chat message.

2. The method according to claim 1, wherein ~~when~~ the first ~~session data~~group chat message comprises~~is~~ text-type data, and ~~the obtaining, in response to a first reply operation performed on first session data on a primary session page, second session data that has a reply association relationship with the first session data, outputting a set entry of a session set corresponding to the first session data comprises:~~

~~obtaining, in response to the first reply operation, first reply session data corresponding to the first session data to serve as the second session data, and outputting, on the primary session page, the first reply session data that carries the set entry; and~~

~~the creating, in response to an expansion operation performed on the set entry, a session set page corresponding to the session set comprises:~~

~~creating the session set page in response to the expansion operation performed on the set entry that is carried by the first reply session data,~~ the session set page ~~being~~ is a sub-page that is independently displayed on the ~~primary session page~~group chat page.

~~3. The method according to claim 1, wherein when the first session data is image-type data, the outputting a set entry of a session set corresponding to the first session data comprises:~~

~~outputting, on the primary session page, the first session data that carries the set entry; and~~

~~the creating, in response to an expansion operation performed on the set entry on the primary session page, a session set page corresponding to the session set comprises:~~

~~creating the session set page, in response to the expansion operation performed on the set entry that is carried by the first session data, the session set page being a sub-page that is independently displayed on the primary session page.~~

4~~2~~3. The method according to claim ~~2~~1, further comprising:

obtaining an entry time of each ~~piece of session data~~group chat message in the session set, the entry time being a time at which the each ~~session data~~group chat message is added to the session set;

determining a ~~session data~~group chat message that has the last entry time as a carrying ~~session data~~group chat message~~; and~~

~~outputting~~, wherein ~~on the primary session page,~~ the carrying ~~session data~~group chat message ~~that~~ carries the set entry on the group chat page.

5~~4~~4. The method according to claim 4~~3~~, further comprising:

sequentially outputting, on the ~~primary session page~~group chat page, the each ~~piece of the~~ second ~~session data~~group chat message in the session set, an output time of ~~each piece of~~ the each second ~~session data~~group chat message on the ~~primary session page~~group chat page being the same as the entry time at which the each second ~~session data~~group chat message is added to the session set.

6~~5~~5. The method according to claim 1, further comprising:

displaying, a mark selection page, in response to a second reply operation performed on the first ~~session data~~group chat message on the ~~primary session page~~group chat page, the mark selection page comprising a plurality of comment marks, and the mark selection page being a sub-page that is independently displayed on the ~~primary session page~~group chat page;

determining, in response to a selection operation performed on ~~the~~ a comment mark on the mark selection page, the comment mark corresponding to the selection operation as a target comment mark; and

displaying the target comment mark in an area of the first ~~session data~~group chat message.

~~7~~6. The method according to claim ~~6~~5, further comprising:

determining the area of the first ~~session data~~group chat message in which the target comment mark is displayed as a comment area; and

displaying a mark browsing page in response to a mark browsing operation performed on the comment area, and outputting, on the mark browsing page, a target comment mark comprised in the comment area and a comment object corresponding to ~~each~~the target comment mark.

~~8~~7. The method according to claim 1, further comprising:

determining, in response to a session trigger operation on the session set page, the first ~~session data~~group chat message as a target reply object, and displaying a session entry page that ~~has~~ comprises the target reply object;

obtaining a second reply ~~session data~~group chat message in response to a session entry operation ~~on the session entry page that has the target reply object~~, the second reply ~~session data~~group chat message comprising the target reply object; and

outputting, on the ~~primary session page~~group chat page, the second reply ~~session data~~group chat message that carries the set entry.

~~9~~8. The method according to claim 1, further comprising:

in response to a third reply operation performed on the second ~~session data~~group chat message on the session set page, determining~~,~~ the second ~~session data~~group chat message ~~on which the third reply operation is performed,~~ as a selected reply object, and displaying a session entry page that ~~has~~ comprises the selected reply object;

obtaining a third reply ~~session data~~group chat message in response to a session entry operation on the session entry page ~~that has the selected reply object~~, the third reply ~~session data~~group chat message comprising the selected reply object; and

outputting, on the ~~primary session page~~group chat page, the third reply ~~session data~~group chat message that carries the set entry.

~~10~~9. The method according to claim 1, further comprising:

generating sharing information in response to a sharing operation performed on the session set, and transmitting the sharing information to a user terminal of a sharing object through the server, so that the user terminal of the sharing object outputs, in response to a display operation, a session display page corresponding to the session set, the session display page being used to display ~~session data~~group chat messages in the session set.

~~11~~10. The method according to claim 1, further comprising:

adding the session set to a favorites bar in response to a collection operation performed on the session set.

~~12~~11. The method according to claim 1, further comprising:

determining the session set as history session set data, and adding the history session set data to a history session set list.

~~13~~12. The method according to claim 1, wherein the receiving the session set from the server, and outputting ~~session data~~group chat messages in the session set on the session set page comprises:

obtaining each ~~piece of session data~~group chat message in the session set, and obtaining a sender and a to-be-replied object that correspond to the each ~~piece of session data~~group chat message; and

outputting the each ~~piece of session data~~group chat message on the session set page, the each ~~piece of~~ ~~session data~~group chat message on the session set page comprising the ~~corresponding~~ sender and the to-be-replied object.

~~14~~13. A session data processing method, performed by a server, the method comprising:

obtaining, from a user terminal, a set creation instruction for a first group chat message~~first session data~~ on a ~~primary session page~~group chat page and a second group chat message~~second session data~~ that has a reply association relationship with the first group chat message~~session data~~, the user terminal obtaining the second group chat message~~session data~~ in response to a first reply operation performed on the first ~~session data~~group chat message, and outputting a first reply group chat message on the group chat page, the first reply group chat message comprising the first group chat message, the second group chat message, and a set entry of a session set corresponding to the first group chat message~~a set entry of a session set corresponding to the first session data~~;

determining the session set according to the set creation instruction, the first ~~session data~~group chat message, and the second ~~session data~~group chat message, the session set comprising the first ~~session data~~group chat message and at least one ~~piece of the~~ second ~~session data~~group chat message,

and ~~each piece of the~~each second ~~session data~~group chat message having a reply association relationship with the first ~~session data~~group chat message; and

transmitting the session set to the user terminal according to an obtaining instruction for the session set when the obtaining instruction is obtained from the user terminal, the user terminal creating, in response to an expansion operation performed on the set entry, a session set page corresponding to the session set on the ~~primary session page~~group chat page, and generating the obtaining instruction.

~~15~~14. The method according to claim ~~14~~13, wherein the determining the session set according to the set creation instruction, the first ~~session data~~group chat message, and the second ~~session data~~group chat message comprises:

setting identifier information of the first ~~session data~~group chat message and the second ~~session data~~group chat message separately, the identifier information comprising a session set identifier; and

determining the first ~~session data~~group chat message and the at least one ~~piece of the~~ second ~~session data~~group chat message that carry the same session set identifier as the session set, and storing the session set for which the session set identifier is added in a database; and

the transmitting the session set to the user terminal according to an obtaining instruction for the session set when the obtaining instruction is obtained from the user terminal comprises:

pulling, according to the session set identifier carried by the obtaining instruction, the session set corresponding to the session set identifier from the database, and transmitting the pulled session set to the user terminal.

~~16~~15. A session data processing apparatus, comprising:

a first obtaining module, configured to: obtain, in response to a first reply operation performed on a first group chat message on a group chat page, a second group chat message that has a reply association relationship with the first group chat message, output a first reply group chat message on the group chat page, the first reply group chat message comprising the first group chat message, the second group chat message, and a set entry of a session set corresponding to the first group chat message, and generate a set creation instruction for the first group chat message ~~obtain, in response to a first reply operation performed on first session data on a primary session page, second session data that has a reply association relationship with the first session data, output a set entry of a session set corresponding to the first session data, and generate a set creation instruction for the first session data; and transmit the set creation instruction and the second session data to a server, so that~~

the server determines the session set according to the set creation instruction, the first session data, and the second session data; and transmit the set creation instruction and the second group chat message to a server, so that the server determines the session set according to the set creation instruction, the first group chat message, and the second group chat message; and

a creation module, configured to: create, in response to an expansion operation performed on the set entry, a session set page corresponding to the session set on the group chat page, and transmit an obtaining instruction to the server; receive the session set from the server, and output group chat messages in the session set on the session set page, the session set comprising the first group chat message and at least one second group chat message, and each second group chat message having a reply association relationship with the first group chat messagecreate, in response to an expansion operation performed on the set entry, a session set page corresponding to the session set on the primary session page, and transmit an obtaining instruction to the server; and receive the session set from the server, and output session data in the session set on the session set page, the session set comprising the first session data and at least one piece of the second session data, and each piece of the second session data having a reply association relationship with the first session data.

17. The apparatus according to claim 16, wherein when the first session datagroup chat message icomprises text-type data, the first obtaining module comprises:

a first obtaining unit, configured to: obtain, in response to the first reply operation, first reply session data corresponding to the first session data to serve as the second session data, and output, on the primary session page, the first reply session data that carries the set entry; and

the creation module comprises:

a first creation unit, configured to: create the session set page in response to the expansion operation performed on the set entry that is carried by the first reply session dataand, the session set page being is a sub-page that is independently displayed on the primary session pagegroup chat page.

18. The apparatus according to claim 16, wherein when the first session data is image-type data, the first obtaining module comprises:

a second obtaining unit, configured to: output, on the primary session page, the first session data that carries the set entry; and

the creation module comprises:

a second creation unit, configured to: create the session set page in response to the expansion

~~operation performed on the set entry that is carried by the first session data, the session set page being a sub-page that is independently displayed on the primary session page.~~

1~~9~~7. The apparatus according to claim ~~16~~15, further comprising:

a marking module, configured to: display, a mark selection page, in response to a second reply operation performed on the first ~~session data~~group chat message on the ~~primary session page~~group chat page, the mark selection page comprising a plurality of comment marks, and the mark selection page being a sub-page that is independently displayed on the ~~primary session page~~group chat page;

a selection module, configured to: determine, in response to a selection operation performed on ~~the~~ a comment mark on the mark selection page, the comment mark corresponding to the selection operation as a target comment mark; and

a display module, configured to: display the target comment mark in an area of the first ~~session data~~group chat message.

~~20~~18. The apparatus according to claim ~~16~~15, further comprising:

a third determining module, configured to: determine, in response to a session trigger operation on the session set page, the first ~~session data~~group chat message as a target reply object, and display a session entry page that ~~has~~ comprises the target reply object;

a third obtaining module, configured to: obtain a second reply ~~session data~~group chat message in response to a session entry operation ~~on the session entry page that has the target reply object~~, the second reply ~~session data~~group chat message comprising the target reply object; and

a first deletion module, configured to: output, on the ~~primary session page~~group chat page, the second reply ~~session data~~group chat message that carries the set entry.

~~2~~19. The apparatus according to claim ~~16~~15, further comprising:

a fourth determining module, configured to: in response to a third reply operation performed on the second ~~session data~~group chat message on the session set page, determine~~,~~ the second ~~session data~~group chat message ~~on which the third reply operation is performed,~~ as a selected reply object, and display a session entry page that ~~ha~~comprises the selected reply object;

a fourth obtaining module, configured to obtain third reply ~~session data~~group chat message in response to a session entry operation on the session entry page ~~that has the selected reply object~~, the third reply ~~session data~~group chat message comprising the selected reply object; and

a second deletion module, configured to: output, on the ~~primary session page~~group chat page, the third reply ~~session data~~group chat message that carries the set entry.

~~22~~20. A session data processing apparatus, comprising:

an instruction obtaining module, configured to: obtain, from a user terminal, a set creation instruction for a first group chat message on a group chat page and a second group chat message that has a reply association relationship with the first group chat message, the user terminal obtaining the second group chat message in response to a first reply operation performed on the first group chat message, and outputting a first reply group chat message on the group chat page, the first reply group chat message comprising the first group chat message, the second group chat message, and a set entry of a session set corresponding to the first group chat message~~a set creation instruction for first session data on a primary session page and second session data that has a reply association relationship with the first session data, the user terminal obtaining the second session data in response to a first reply operation performed on the first session data, and outputting a set entry of a session set corresponding to the first session data; and determine the session set according to the set creation instruction, the first session data, and the second session data, the session set comprising the first session data and at least one piece of the second session data, and each piece of the second session data having a reply association relationship with the first session data~~; and determine the session set according to the set creation instruction, the first group chat message, and the second group chat message, the session set comprising the first group chat message and at least one second group chat message, and each second group chat message having a reply association relationship with the first group chat message; and

a transmission module, configured to transmit the session set to the user terminal according to an obtaining instruction for the session set when the obtaining instruction is obtained from the user terminal, the user terminal creating, in response to an expansion operation performed on the set entry, a session set page corresponding to the session set on the ~~primary session page~~group chat page, and generating the obtaining instruction.

~~23~~21. The apparatus according to claim ~~22~~20, wherein the instruction obtaining module comprises:

an identifier adding unit, configured to set identifier information of the first group chat message and the second group chat message separately, the identifier information comprising a session set identifier~~set identifier information of the first session data and the second session data separately, the identifier information comprising a session set identifier~~; and

a storage unit, configured to: determine the first group chat message and the at least one second group chat message that carry the same session set identifier as the session set, and store the session set for which the session set identifier is added in a database~~determine the first session data~~

~~and at least one piece of the second session data that carry the same session set identifier as the session set, and store the session set for which the session set identifier is added in a database~~; and

the transmission module, configured to: pull, according to the session set identifier carried by the obtaining instruction, the session set corresponding to the session set identifier from the database, and transmit the pulled session set to the user terminal.

~~24~~22. A user terminal, comprising: a processor and a memory;

the processor being connected to the memory, the memory being configured to store a computer program, and the processor being configured to invoke the computer program to perform the method according to any one of claims 1 to ~~13~~12.

~~25~~23. A computer-readable storage medium, storing a computer program, the computer program comprising program instructions, and the program instructions, when executed by a processor, performing the method according to any one of claims 1 to ~~13~~12.