CLAIMS

1. An information processing method, applied to an electronic device, the method comprising:

displaying a first page of a client, the first page comprising an entry to a second page and an incremental quantity of unread information, and the incremental quantity of unread information being a total quantity of unread information received after the second page is displayed last time;

displaying the second page in response to a trigger operation on the entry to the second page, the second page comprising a plurality of information categories and stock quantities of unread information for each of the plurality of information categories, and the stock quantities of unread information being quantities of unread information accumulated in the information categories; and

updating, based on new information of at least one information category in response to receiving the new information of the at least one information category after the second page is displayed, a stock quantity of unread information corresponding to the at least one information category, and

updating the incremental quantity of unread information.

2. The method according to claim 1, wherein the updating a stock quantity of unread information corresponding to the at least one information category comprises:

updating, for each of the plurality of information categories, the stock quantity of unread information corresponding to the information category to a first quantity of information, the first quantity of information being a sum of the stock quantity of unread information corresponding to the information category and a quantity of new information of the information category.

3. The method according to claim 1, wherein the updating the incremental quantity of unread information comprises:

updating the incremental quantity of unread information to a second quantity of information, the second quantity of information being a total quantity of new information of the at least one information category.

4. The method according to claim 3, wherein

when the client is in a split-screen display mode, the first page and the second page are both in a displayed state; and the updating the incremental quantity of unread information to a second quantity of information comprises: updating the incremental quantity of unread information displayed on the first page to the second quantity of information in response to the client being in

the split-screen display mode; or

when the client is in a single-screen display mode, and the second page is in a displayed state, the first page is in a hidden state; and the updating the incremental quantity of unread information to a second quantity of information comprises: updating the incremental quantity of unread information in cached page data of the first page to the second quantity of information in response to the client being in the single-screen display mode, the cached page data of the first page being configured for performing page refresh when the first page is switched to a displayed state.

5. The method according to claim 4, wherein

the second page further comprises an entry to the first page; and

after the updating the incremental quantity of unread information, the method further comprises:

displaying, based on the cached page data of the first page in response to a trigger operation on the entry to the first page, the first page on which the page refresh has been performed, the incremental quantity of unread information on the first page being the second quantity of information, wherein

the first page comprises a plurality of levels of subpages having a level-by-level jump relationship, the plurality of levels of subpages comprise a first subpage and a second subpage, the first subpage is any level of subpage other than a last level of subpage in the plurality of levels of subpages, the second subpage is a next level of subpage of the first subpage, and the second subpage comprises an entry to the first subpage; and

during the displaying, based on the cached page data of the first page, the first page on which the page refresh has been performed, the method further comprises:

displaying, based on the cached page data of the first page in response to a trigger operation on an entry to the second subpage when the second subpage is the last level of subpage, the second subpage on which the page refresh has been performed, the incremental quantity of unread information on the second subpage being the second quantity of information; and

displaying, based on the cached page data of the first page in response to a trigger operation on the entry to the first subpage, the first subpage on which the page refresh has been performed, the incremental quantity of unread information on the first subpage being the second quantity of information.

6. The method according to claim 3, wherein before the updating the incremental quantity of

unread information to a second quantity of information, the method further comprises:

transmitting a first time stamp to a server corresponding to the client, to trigger the server to generate a plurality of first count values, the first time stamp being a moment at which the second page starts to be displayed, and the plurality of first count values respectively representing quantities of unread information of the plurality of information categories at the moment corresponding to the first time stamp;

transmitting a second time stamp to the server, to trigger the server to generate a plurality of second count values, determining a sub-incremental quantity of unread information of each information category based on the second count value and the first count value that correspond to each information category, and determining a sum of the plurality of sub-incremental quantities of unread information respectively corresponding to the plurality of information categories as the second quantity of information, the second time stamp representing a moment at which the new information of the at least one information category is received, and the plurality of second count values respectively representing quantities of unread information of the plurality of information categories at the moment corresponding to the second time stamp; and

receiving the second quantity of information transmitted by the server.

7. The method according to claim 6, wherein

a counter runs in the server, the counter comprises a plurality of sub-counters, the server is configured to separately count unread information of the plurality of information categories via the plurality of sub-counters, to obtain the plurality of first count values and the plurality of second count values, and the plurality of first count values are recorded in snapshot data of the counter; and

a manner in which the server determines the sub-incremental quantity of unread information of each information category comprises:

performing the following operations for each of the plurality of information categories:

determining a difference between the second count value corresponding to the information category and the first count value corresponding to the information category in the snapshot data as the sub-incremental quantity of unread information of the information category in response to a quantity of unread information of the information category being not zero; and

deleting the first count value corresponding to the information category from the snapshot data in response to the quantity of unread information of the information category being zero, and using the second count value corresponding to the information category as the sub-incremental quantity of unread information of the information category.

8. The method according to claim 7, wherein

the plurality of sub-counters comprise a plurality of sub-version numbers respectively corresponding to the plurality of information categories; and

when there are a plurality of new information of the at least one information category, all the new information is used as unread information, and a manner in which the server separately counts the unread information of the plurality of information categories via the plurality of sub-counters comprises:

updating, in response to receiving first information of a fourth information category, a sub-version number of a sub-counter corresponding to the fourth information category to a first sub-version number, and adding 1 to a first count value corresponding to the fourth information category, to obtain a second count value corresponding to the fourth information category, the fourth information category being any one of the plurality of information categories, and the first information being any piece of new information of the fourth information category; and

updating the first sub-version number to a second sub-version number in response to receiving second information of the fourth information category between the moment corresponding to the second time stamp and a moment corresponding to a third time stamp, and adding 1 to the second count value corresponding to the fourth information category, to obtain a third count value corresponding to the fourth information category, the third time stamp representing a moment at which the second count value corresponding to the fourth information category is generated, the second information being a next piece of new information received after the first information, and the third count value representing a quantity of new information of the fourth information category at the moment corresponding to the third time stamp.

9. The method according to any one of claims 1 to 8, wherein

the second page further comprises entries to third pages respectively corresponding to the plurality of information categories; and

after the displaying the second page, the method further comprises:

displaying, in response to a trigger operation on an entry to a third page corresponding to a first information category, the third page corresponding to the first information category, and setting a stock quantity of unread information corresponding to the first information category on the third page to zero, the first information category being any one of the plurality of information categories, wherein

after the displaying the third page corresponding to the first information category, the method

further comprises:

in response to receiving new information of the first information category after the third page is displayed:

setting the stock quantity of unread information corresponding to the first information category on the second page to zero if a difference between a moment at which the new information of the first information category is received and a moment at which all unread information on the third page is in a read state is less than a time threshold, and keeping the incremental quantity of unread information on the first page unchanged; and

updating, based on the new information of the first information category if the difference between the moment at which the new information of the first information category is received and the moment at which all the unread information on the third page is in the read state is greater than or equal to the time threshold, the stock quantity of unread information corresponding to the first information category, and updating the incremental quantity of unread information.

10. The method according to claim 9, wherein

the server corresponding to the client comprises the counter, the counter comprises the plurality of sub-counters, and the plurality of sub-counters are configured to respectively count the unread information of the plurality of information categories; and

after the displaying the third page corresponding to the first information category, the method further comprises:

transmitting, to the server, a notification that unread information on the third page is in a read state, to trigger the server to perform the following processing:

setting the stock quantity of unread information in a sub-counter corresponding to the first information category to zero in response to the unread information on the third page being all in the read state and a difference between a moment at which the unread information is all in the read state and a moment at which new information of the first information category is received being less than or equal to a time threshold, and deleting a quantity of new information of the first information category; and

setting the stock quantity of unread information in the sub-counter corresponding to the first information category to zero in response to the unread information on the third page being all in the read state and the difference between the moment at which the unread information is in the read state and the moment at which the new information of the first information category is received being greater than the time threshold, and displaying the quantity of new information of the first

information category on the second page.

11. The method according to any one of claims 1 to 8, wherein

the second page further comprises entries to third pages respectively corresponding to the plurality of information categories; and

after the displaying the second page, the method further comprises:

displaying, in response to a trigger operation on an entry to a third page corresponding to a second information category, the third page corresponding to the second information category, the second information category being any one of the plurality of information categories; and

displaying, in response to a trigger operation on at least one piece of unread information on the third page, the triggered unread information on the third page, and updating a stock quantity of unread information corresponding to the second information category to a third quantity of information, the third quantity of information being a difference between the stock quantity of unread information corresponding to the second information category and a quantity of triggered new information on the third page, wherein

an account of a first object is logged in on the third page, the at least one piece of unread information is information transmitted by a second object, the at least one piece of unread information is sorted in descending order of a preset sorting parameter, and the sorting parameter comprises at least one of the following: receiving time of the unread information, a similarity between the first object and the second object corresponding to the unread information, an interaction frequency between the first object and the second object corresponding to the unread information, and interaction duration between the first object and the second object corresponding to the unread information.

12. The method according to any one of claims 1 to 8, wherein

the first page comprises a plurality of levels of subpages having a level-by-level jump relationship; and

the displaying a first page of a client comprises:

displaying a first subpage in the plurality of levels of subpages, the first subpage comprising an entry to a second subpage, the first subpage being any level of subpage other than a last level of subpage in the plurality of levels of subpages, and the second subpage being a next level of subpage of the first subpage; and

displaying the second subpage in response to a trigger operation on the entry to the second

subpage on the first subpage, the second subpage comprising an entry to a next level of subpage of the second subpage when the second subpage is not the last level of subpage, and the second subpage comprising the entry to the second page when the second subpage is the last level of subpage.

13. The method according to any one of claims 1 to 8, wherein

the client comprises a first information sequence number, and an initial value of the first information sequence number is the same as an initial value of a second information sequence number on the server;

after the new information of the at least one information category is received after the second page is displayed, the method further comprises:

transmitting a query request to the server, to trigger the server to query the second information sequence number, the server updating the second information sequence number based on a quantity of new information of the at least one information category when transmitting the new information of the at least one information category to the client, and the second information sequence number representing the quantity of new information of the at least one information category received by the server; and

after the updating the incremental quantity of unread information, the method further comprises:

updating the first information sequence number based on the quantity of new information of the at least one information category, an updated first information sequence number being the same as an updated second information sequence number.

14. An information processing apparatus, comprising:

a first display module, configured to display a first page of a client, the first page comprising an entry to a second page and an incremental quantity of unread information, and the incremental quantity of unread information being a total quantity of unread information received after the second page is displayed last time;

a second display module, configured to display the second page in response to a trigger operation on the entry to the second page, the second page comprising a plurality of information categories and stock quantities of unread information respectively corresponding to the plurality of information categories, and the stock quantities of unread information being quantities of unread information accumulated in the information categories; and

a quantity update module, configured to update, based on new information of at least one information category in response to receiving the new information of the at least one information category after the second page is displayed, a stock quantity of unread information corresponding to the at least one information category, and update the incremental quantity of unread information.

15. An electronic device, comprising:

a memory, configured to store computer-executable instructions; and

a processor, configured to implement the information processing method according to any one of claims 1 to 13 when executing the computer-executable instructions stored in the memory.