WHAT IS CLAIMED IS:

1. A method for processing recommended target software, comprising:

performing a cluster analysis for at least one user of at least one user client device based on software using information reported by the at least one user client device to determine a software list corresponding to each user cluster, and sorting software in the software list according to using condition of the software; and

determining a user cluster that is the most relevant to a specific user based on software using information of the specific user; and selecting top N pieces of software from a software list corresponding to the user cluster and recommending the selected top N pieces of software to the specific user, where N is a predefined value;

wherein the software using information reported by the at least one user client device comprises: software information of software that has been installed on the at least one user client device; and

performing the cluster analysis for the at least one user of the at least one user client device based on the software using information reported by the at least one user client device comprises:

counting the amount of respective categories of installed software that is reported by respective sample users;

determining categories of software that has been installed the most by the respective sample users; and

performing cluster partition for the sample users by using the categories of the software that has been installed the most as similarity to obtain user clusters of different software using features.

~~2. The method according to claim 1, wherein the software using information reported by the at least one user client device comprises: software information of software that has been installed on the at least one user client device; and~~

~~performing the cluster analysis for the at least one user of the at least one user client device based on the software using information reported by the at least one user client device comprises:~~

~~counting the amount of respective categories of installed software that is reported by respective sample users;~~

~~determining categories of software that has been installed the most by the respective sample users; and~~

~~performing cluster partition for the sample users by using the categories of the software that has been installed the most as similarity to obtain user clusters of different software using features.~~

~~3~~2. The method according to claim 1, wherein sorting the software in the software list according to the using condition of the software comprises:

collecting the number of downloads of the respective software and the number of times of being started and running time of the respective software on the at least one user client device;

for each piece of software, respectively multiplying the number of downloads, the number of times of being started, and running time of the software by corresponding weights, and making a sum to obtain overall running hotness of the software, the overall running hotness of the software being the using condition of the software; and

sorting the software in the software list according to overall running hotness of the software.

~~4~~3. The method according to claim 1, wherein the software using information of the specific user comprises: information of software that has been installed and/or information of software that is frequently started on a client device of the specific user; and

determining the user cluster that is the most relevant to the specific user based on the software using information of the specific user comprises:

in a software list corresponding to each user cluster, determining a cluster relevancy degree between each piece of software and the user cluster according to a rank of the software;

determining user clusters to which the respective software that has been installed and/or the respective software that is frequently started on the client device of the specific user belongs according to software lists corresponding to respective user clusters and cluster relevancy degrees of software in the software lists, and determining cluster relevancy degrees between the respective software that has been installed and/or the respective software that is frequently started and the user clusters to which they belong;

adding cluster relevancy degrees of software that belongs to a same user cluster to obtain a matching score of the user cluster; and

selecting a user cluster that has a highest matching score to be the user cluster that is the most relevant to the user.

~~5~~4. The method according to claim ~~4~~ 3, wherein adding the cluster relevancy degrees of the software that belongs to the same user cluster to obtain the matching score of the user cluster comprises:

allocating a higher weight to a piece of software that is frequently started than a weight allocated to a piece of software that has been installed, adding the cluster relevance degrees of the software that belongs to the same user cluster according to software weights, and using a weighted sum as the matching score of the user cluster.

~~6~~5. The method according to claim 1, wherein

performing the cluster analysis for the at least one user of the at least one user client device based on the software using information reported by the at least one user client device to determine the software list corresponding to each user cluster, and sorting the software in the software list according to the using condition of the software are executed by a server;

the specific user is a user who has a right of reporting data; and

determining the user cluster that is the most relevant to the specific user based on the software using information of the specific user, and selecting the top N

pieces of software from the software list corresponding to the user cluster to recommend the selected top N pieces of software to the specific user, comprise:

a client device of the specific user obtaining the software using information and uploading the software using information to the server;

the server determining the user cluster that is the most relevant to the specific user based on the software using information reported by the client device of the specific user, sending the top N pieces of software selected from the software list corresponding to the user cluster to the client device of the specific user; and

the client device of the specific user showing the top N pieces of software as recommended software.

~~7~~6. The method according to claim ~~6~~5, wherein after the client device of the specific user showing the top N pieces of software as the recommended software, the method further comprises:

the client device of the specific user sending using information of the recommended software to the server;

the server determining recommendation hotness of the recommended software according to the using information of the recommended software;

adjusting ranks of the recommended software in the software list corresponding to the user cluster according to the recommendation hotness of the recommended software, raising a rank of recommended software whose recommendation hotness is larger than a specific threshold, and lowering a rank of recommended software whose recommendation hotness is smaller than the specific threshold.

~~8~~7. The method according to claim ~~7~~6, wherein the using information of the recommended software comprises at least one of: the number of installations of the software, time from starting the software to ending the software, and the number of secondary start-ups after the software is installed.

~~9~~8. The method according to claim 1, wherein

performing the cluster analysis for the at least one user of the at least one user client device based on the software using information reported by the at least one user client device to determine the software list corresponding to each user cluster, and sorting the software in the software list according to the using condition of the software are executed by a server;

the specific user is a user who has no right of reporting data;

determining the user cluster that is the most relevant to the specific user based on the software using information of the specific user, and selecting the top N pieces of software from the software list corresponding to the user cluster to recommend the selected top N pieces of software to the specific user comprise:

the server sending information of each user cluster and a sorted software list corresponding to each user cluster to a client device of the specific user;

the client device of the specific user obtaining software using information on a device of the client device; and

the client device of the specific user determining the user cluster that is the most relevant to the specific user according to the software using information on the device of the client device, selecting the top N pieces of software from the software list corresponding to the user cluster as recommended software, and showing the recommended software.

~~10~~9. The method according to any of claims 1 to ~~9~~8, wherein selecting the top N pieces of software from the software list corresponding to the user cluster and recommending the selected top N pieces of software to the specific user comprise:

removing software that the specific user has installed from a list of software to be recommended of the user cluster, and selecting top N pieces of software from remaining software to recommend the selected top N pieces of software to the specific user.

~~11~~10. The method according to claim ~~9~~10, wherein N=1.

~~12~~11. A system for processing recommended target software, comprising:

a cluster analysis module configured to perform a cluster analysis for at least one user of at least one user client device based on software using information reported by the at least one user client device to determine a software list corresponding to each user cluster, and sort software in the software list according to using condition of the software; and

a recommendation module configured to determine a user cluster that is the most relevant to a specific user based on software using information of the specific user; and select top N pieces of software from a software list corresponding to the user cluster to recommend the selected top N pieces of software to the specific user, where N is a predefined value;

wherein the software using information reported by the at least one user client device comprises: software information of software that has been installed on the at least one user client device; and

performing the cluster analysis for the at least one user of the at least one user client device based on the software using information reported by the at least one user client device comprises:

counting the amount of respective categories of installed software that is reported by respective sample users;

determining categories of software that has been installed the most by the respective sample users; and

performing cluster partition for the sample users by using the categories of the software that has been installed the most as similarity to obtain user clusters of different software using features.

~~13~~12. The system according to claim ~~12~~11, wherein the system further comprises: a data collection module, which is set at a client, configured to collect software using information of a user who has a right of reporting data, and report the collected software using information to the cluster analysis module and the recommendation module.

~~14~~13. The system according to claim ~~13~~12, wherein the cluster analysis module and the recommendation module are set at a server.

~~15~~14. The system according to claim ~~13~~12, wherein

the cluster analysis module is set at a server, and the recommendation module is set at the client;

the cluster analysis module is further configured to send information of each user cluster and a sorted software list corresponding to each user cluster to the client; and

the recommendation module is further configured to obtain the software using information of the specific user of a client device from the data collection module on the client device, determine the user cluster that is the most relevant to the specific user according to the software using information of the specific user, select the top N pieces of software from the software list corresponding to the user cluster as recommended software, and show the recommended software.

~~16~~15. The system according to claim ~~12~~11, wherein

the software using information reported by the at least one user comprises: software information of software that has been installed on client devices of the at least one user; and

the software using information of the specific user comprises: software information of software that has been installed on a client device of the specific user, and/or software information of software that is frequently started.

~~17~~16. A system for processing recommended software, comprising a server and a client, wherein the server comprises a first memory and a first processor that communicates with the first memory, and the first memory stores a cluster analysis instruction and a recommendation instruction executable by the first processor;

the cluster analysis instruction is configured to perform a cluster analysis for at least one user of at least one user client device based on software using information reported by the at least one user client to determine a software list corresponding to each user cluster, and sort software in the software list according to using condition of the software; and

the recommendation instruction is configured to determine a user cluster that is the most relevant to a specific user based on software using information of the

specific user; and select top N pieces of software from a software list corresponding to the user cluster to recommend the selected top N pieces of software to the specific user, where N is a predefined value;

wherein the software using information reported by the at least one user client device comprises: software information of software that has been installed on the at least one user client device; and

performing the cluster analysis for the at least one user of the at least one user client device based on the software using information reported by the at least one user client device comprises:

counting the amount of respective categories of installed software that is reported by respective sample users;

determining categories of software that has been installed the most by the respective sample users; and

performing cluster partition for the sample users by using the categories of the software that has been installed the most as similarity to obtain user clusters of different software using features.

~~18~~17. The system according to claim ~~17~~16, wherein the client comprises a second memory and a second processor that communicates with the second memory, wherein the second memory stores a data collection instruction that is executable for the second processor, and configured to collect software using information of a user having a right of reporting data and report the software using information to the server.

~~19~~18. A system for recommending target software, comprising: a server and a client, wherein the server comprises a first memory and a processor that communicates with the first memory, wherein the first memory stores a cluster analysis instruction that is executable for the first processor; the client comprises a second memory and a second processor that communicates with the second memory, wherein the second memory stores a data collection instruction and a recommended instruction that are executable for the second processor;

the cluster analysis instruction is configured to instruct performing a cluster analysis for at least one user of at least one user client device based on software using information reported by the at least one user client device to determine a

software list corresponding to each user cluster, sorting software in the software list according to using condition of the software, and sending information of each user cluster and the sorted software list corresponding to each user cluster to the client;

the data collection instruction is configured to instruct collecting software using information of a user who has a right of reporting data, and report the collected software using information to the server; or instruct collecting software using information of a user who has no right of reporting data; and

the recommendation instruction is configured to instruct obtaining the software using information of the specific user of a client device based on the data collection instruction of the client device, and instruct determining a user cluster that is the most relevant to the specific user based on the software using information of the client of the specific user; selecting top N pieces of software from the software list corresponding to the user cluster as recommended software and showing the recommended software, where N is a predefined value;

wherein the software using information reported by the at least one user client device comprises: software information of software that has been installed on the at least one user client device; and

performing the cluster analysis for the at least one user of the at least one user client device based on the software using information reported by the at least one user client device comprises:

counting the amount of respective categories of installed software that is reported by respective sample users;

determining categories of software that has been installed the most by the respective sample users; and

performing cluster partition for the sample users by using the categories of the software that has been installed the most as similarity to obtain user clusters of different software using features.

~~20~~19. A computer readable storage medium, storing a computer program, wherein the computer program is configured to execute the method for processing recommended software according to any of claims 1 to ~~11~~10.