CLAIMS

1. A method to be implemented by a computing device for scheduling logistic resources, wherein the computer device comprises a processor and a memory including instructions executed by the processor, the method comprising:

the processor determining a warehouse resource from a warehouse resource providing terminal and a distribution resource from a distribution resource providing terminal;

the processor integrating the warehouse resource and the distribution resource into a logistic resource, which satisfies a condition, according to a resource integration rule;

the processor releasing the logistic resource, to enable a commodity object providing terminal requesting to use the logistic resource to select the logistic resource;

the processor receiving logistic resource order information from the commodity object providing terminal, wherein the logistic resource order information comprises the logistic resource selected by the commodity object providing terminal and commodity-object identifier information; and

the processor establishing a mapping relationship between the commodity-object identifier information and the selected logistic resource.

2. The scheduling method according to claim 1, wherein the warehouse resource comprises a warehouse capacity and an inventory turnover period; and

wherein the processor's determining of a warehouse resource from a warehouse resource providing terminal comprises:

the processor determining an inventory turnover period of a warehouse unit provided by the warehouse resource providing terminal according to a historical sales quantity and a historical sales volume ratio of the warehouse unit within a time period; and

the processor using at least one obtained inventory turnover period of the warehouse unit as an inventory turnover period of the warehouse resource providing terminal.

3. The scheduling method according to claim 2, wherein the distribution resource comprises a distribution attribute; and

wherein the processor's determining of a distribution resource from a distribution resource providing terminal comprises:

the processor receiving a distribution type, distribution routes, and a distribution capacity of each distribution route released by the distribution resource providing terminal; and

the processor determining the distribution attribute of the distribution resource providing terminal according to the distribution type, the distribution routes, and the distribution capacity of each distribution route.

4. The scheduling method according to claim 3, wherein the processor's integrating of the warehouse resource and the distribution resource into a logistic resource, which satisfies a condition, according to a resource integration rule comprises:

the processor performing integration based on the resource integration rule, the warehouse capacity and the inventory turnover period of the warehouse resource, and the distribution attribute of the distribution resource, to obtain the logistic resource that satisfies the condition, wherein the condition is used to adjust the utilization of an integrated logistic resource.

5. The scheduling method according to claim 1, wherein after the processor's releasing of the logistic resource, the method further comprises:

the processor receiving commodity-object order information sent by the commodity object providing terminal, wherein the commodity-object order information comprises the commodity-object identifier information and identifier information of the commodity object providing terminal, wherein the commodity-object order information further comprises distribution address information;

the processor determining the warehouse resource for the commodity object providing terminal according to the identifier information of the commodity object providing terminal;

the processor determining, according to the warehouse resource, warehouse units in which the commodity object corresponding to the commodity-object identifier information is located;

according to the distribution address information, the processor selecting, from the determined warehouse units, a warehouse unit whose distance from the distribution address information is less than a threshold; and

the processor sending the commodity-object order information to the warehouse unit, and instructing the warehouse unit to perform dispatch and distribution according to the commodity-object order information.

6. The scheduling method according to claim 5, wherein the processor's determining, according to the warehouse resource, of the warehouse units in which the commodity object corresponding to the commodity-object identifier information is located comprises:

if a quantity of pieces of commodity-object identifier information included in the commodity-object order information is greater than one, the processor respectively determining, according to the warehouse resource, a warehouse unit in which a commodity object corresponding to each piece of commodity-object identifier information is located; and

wherein the method further comprises:

if commodity objects corresponding to the commodity-object identifier information included in the commodity-object order information are located in different warehouse units, the processor dividing the commodity-object order information into a plurality of pieces of sub-order information according to the warehouse units in which the commodity objects are located, wherein each piece of sub-order information comprises identifier information of the commodity objects that are located in the same warehouse unit and the distribution address information.

7. The scheduling method according to claim 1, wherein the method further comprises:

the processor monitoring an inventory quantity of the warehouse resource included in the logistic resource selected by the commodity object providing terminal;

the processor generating a branch-warehouse replenishment/allocation strategy according to the inventory quantity and a sales volume prediction value, wherein the sales volume prediction value is determined according to a sales volume prediction algorithm and historical sales volume data of warehouse units, and wherein the branch-warehouse replenishment/allocation strategy is configured to adjust inventory quantities of commodity objects in the warehouse units; and

the processor sending the branch-warehouse replenishment/allocation strategy to the commodity object providing terminal.

8. The scheduling method according to claim 1, wherein during the processor's releasing of the logistic resource, the method further comprises:

the processor determining cost information of different logistic resources, and displaying the cost information.

9. An apparatus for scheduling logistic resources, comprising:

a determining unit, configured to determine a warehouse resource from a warehouse resource providing terminal and a distribution resource from a distribution resource providing terminal;

an integration unit, configured to integrate the warehouse resource and the distribution resource into a logistic resource, which satisfies a condition, according to a resource integration rule;

a releasing and scheduling unit, configured to release the logistic resource, to enable to a commodity object providing terminal requesting to use the logistic resource to select the logistic resource; and

an establishing unit configured to: after the logistic resource is released, receive logistic resource order information sent by the commodity object providing terminal, wherein the logistic resource order information comprises the logistic resource selected by the commodity object providing terminal and commodity-object identifier information; and establish a mapping relationship between the commodity-object identifier information and the selected logistic resource.

10. The apparatus according to claim 9, wherein the warehouse resource comprises a warehouse capacity and an inventory turnover period; and

wherein the determining, by the determining unit, of a warehouse resource from a warehouse resource provider side comprises:

determining, by the determining unit, an inventory turnover period of a warehouse unit provided by the warehouse resource providing terminal according to a historical sales quantity and a historical sales volume ratio of the warehouse unit within a time period; and

using, by the determining unit, at least one obtained inventory turnover period of the warehouse unit as an inventory turnover period of the warehouse resource providing terminal.

11. The apparatus according to claim 10, wherein the distribution resource comprises a distribution attribute; and

wherein the determining, by the determining unit, of a distribution resource from a distribution resource providing terminal comprises:

receiving, by the determining unit, a distribution type, distribution routes, and a distribution capacity of each distribution route released by the distribution resource providing terminal; and

determining, by the determining unit, the distribution attribute of the distribution resource providing terminal according to the distribution type, the distribution routes, and the distribution capacity of each distribution route.

12. The apparatus according to claim 11, wherein the integrating, by the integrating unit, of the warehouse resource and the distribution resource into a logistic resource, which satisfies a condition, according to a resource integration rule comprises:

performing, by the integrating unit, integration based on the resource integration rule, the warehouse capacity and the inventory turnover period of the warehouse resource, and the distribution attribute of the distribution resource, to obtain the logistic resource that satisfies the condition, wherein the condition is used to adjust the utilization of an integrated logistic resource.

13. The apparatus according to claim 12, wherein the apparatus further comprises a distribution unit, and wherein the distribution unit is configured to:

after the logistic resource is released, receive commodity-object order information sent by the commodity object providing terminal, wherein the commodity-object order information comprises the commodity-object identifier information and identifier information of the commodity object providing terminal, wherein the commodity-object order information further comprises distribution address information;

determine the warehouse resource from the commodity object providing terminal according to the identifier information of the commodity object providing terminal;

determine, according to the warehouse resource, warehouse units in which a commodity object corresponding to the commodity-object identifier information is located;

according to the distribution address information, select, from the determined warehouse units, a warehouse unit whose distance from the distribution address information is less than a threshold; and

send the commodity-object order information to the warehouse unit, and instruct the warehouse unit to perform dispatch and distribution according to the commodity-object order information.

14. The apparatus according to claim 13, wherein the determining, by the distribution unit, according to the warehouse resource, of the warehouse units in which a commodity object corresponding to the commodity-object identifier information is located comprises:

if a quantity of pieces of commodity-object identifier information included in the commodity-object order information is greater than one, respectively determining, by the distribution unit, according to the warehouse resource, a warehouse unit in which a commodity object corresponding to each piece of commodity-object identifier information is located; and

wherein the apparatus further comprises a division unit, and wherein the division unit is configured to: if commodity objects corresponding to the commodity-object identifier

information included in the commodity-object order information are located in different warehouse units, divide the commodity-object order information into a plurality of pieces of sub-order information according to the warehouse units in which the commodity objects are located, wherein each piece of sub-order information comprises identifier information of the commodity objects that are located in the same warehouse unit and the distribution address information.

15. The apparatus according to claim 9, wherein the apparatus further comprises a replenishment strategy unit, and wherein the replenishment strategy unit is configured to:

monitor an inventory quantity of the warehouse resource included in the logistic resource selected by the commodity object providing terminal;

generate a branch-warehouse replenishment/allocation strategy according to the inventory quantity and a sales volume prediction value, wherein the sales volume prediction value is determined according to a sales volume prediction algorithm and historical sales volume data of warehouse units, and the branch-warehouse replenishment/allocation strategy is used to adjust inventory quantities of commodity objects in the warehouse units; and

send the branch-warehouse replenishment/allocation strategy to the commodity object providing terminal.

16. The apparatus according to claim 9, wherein the apparatus further comprises a charging unit, and wherein the charging unit is configured to: when the logistic resource is being released, determine cost information of different logistic resources, and display the cost information.

17. A system for scheduling logistic resources, the system comprising a front-end commodity-object presentation platform to be implemented by a computing device and a back-end logistics service platform to be implemented by the same or different computing device, wherein:

the front-end commodity-object presentation platform is configured to release commodity object information provided by a commodity object provider side; and

the back-end logistics service platform is configured to: determine a warehouse resource from a warehouse resource providing terminal and a distribution resource from a distribution resource providing terminal; integrate the warehouse resource and the distribution resource into a logistic resource, which satisfies a condition, according to a resource integration rule; release the logistic resource, to enable a commodity object providing terminal requesting to use the logistic resource to select the logistic resource;

after the logistic resource is released, receive logistic resource order information sent by the commodity object providing terminal, wherein the logistic resource order information comprises the logistic resource selected by the commodity object providing terminal and commodity-object identifier information; and establish a mapping relationship between the commodity-object identifier information and the selected logistic resource.