What is claimed is:

1. A three-dimensional sorting method, wherein the three-dimensional sorting method comprises:

   an acquiring step, comprising acquiring identity information of a target sorting shelf, wherein the identity information comprises: structure data of the sorting shelf and/or positional information of a basket unit in the sorting shelf;

   a binding step, comprising binding the identity information of the target sorting shelf to information of the three-dimensional sorting robot, wherein the binding relationship is associated through a target order of a server; and

   a sorting step, comprising sorting goods to be sorted according to the identity information of the shelf under a sorting task of the target order, wherein the sorting step comprises:

   parsing sorting information of the goods to be sorted, wherein the sorting information carries a correspondence relationship with a certain basket unit in the sorting shelf;

   looking up the correspondence relationship table, and acquiring a coordinate value of the basket unit in a three-dimensional coordinate system composed of the sorting shelf; and

   indexing the coordinate value and positioning, and putting the goods to be sorted into the basket unit.

2. The three-dimensional sorting method according to claim 1, further comprising:

   acquiring attribute data of the basket unit of the sorting shelf, wherein the attribute data comprise: one or a combination of more of dimensional data, volumetric data and type data; and

   matching the goods to be sorted in the target order according to the attribute data, and generating a correspondence relationship table of the goods to be sorted and the basket unit.

3. The three-dimensional sorting method according to claim 1 or 2, wherein the acquiring step further comprises:

   acquiring the identity information through reading a label provided on the target sorting shelf by RFID, wherein the label carries structure data of the sorting shelf and/or positional information of the basket unit, wherein

   the structure data of the sorting shelf refer to a longitudinal and transversal structure of the sorting shelf and positional information of an available basket unit; and

the positional information of the basket unit refers to a position of the basket unit in a coordinate system composed of the sorting shelf.

4. The three-dimensional sorting method according to claim 3, wherein the step of sorting goods to be sorted according to the identity information of the shelf under a sorting task of the target order comprises:

   parsing sorting information of the goods to be sorted, wherein the sorting information carries a correspondence relationship with a certain basket unit in the sorting shelf;

   looking up the correspondence relationship table, and acquiring a coordinate value of the basket unit in a three-dimensional coordinate system composed of the sorting shelf; and

   indexing the coordinate value and positioning, and putting the goods to be sorted into the basket unit.

5. The three-dimensional sorting method according to claim 4, further comprising:

   querying a sorting shelf number corresponding to current goods to be sorted; and

   preparing to put into the sorting shelf when the sorting shelf number is corresponding to a bound sorting shelf number.

6. The three-dimensional sorting method according to any one of claims 1 to 5, further comprising: an order updating step, comprising

   updating a current order condition to be completed when all goods of the target order are put; and

   releasing a binding relationship of a current shelf and the sorting robot.

7. The three-dimensional sorting method according to claim 6, wherein a plurality of sorting robots are provided; and during a period of executing the target order, the binding relationship of the three-dimensional sorting robot and the target sorting shelf is sole.

8. A three-dimensional sorting robot, wherein the three-dimensional sorting robot comprises:

   an acquiring unit, configured to acquire identity information of a target sorting shelf, wherein the identity information comprises: structure data of the sorting shelf and/or positional information of a basket unit in the sorting shelf;

   a binding unit, configured to bind the identity information of the target sorting shelf to information of the three-dimensional sorting robot, wherein the binding relationship is associated through a target order of a server; and

a sorting unit, configured to sort goods to be sorted according to the identity information of the shelf under a sorting task of the target order, wherein the sorting unit is further configured for:

parsing sorting information of the goods to be sorted, wherein the sorting information carries a correspondence relationship with a certain basket unit in the sorting shelf;

looking up the correspondence relationship table, and acquiring a coordinate value of the basket unit in a three-dimensional coordinate system composed of the sorting shelf; and

indexing the coordinate value and positioning, and putting the goods to be sorted into the basket unit.

9. The three-dimensional sorting robot according to claim 8, wherein the acquiring unit is further configured for:

acquiring attribute data of the basket unit of the sorting shelf, wherein the attribute data comprise: one or a combination of more of dimensional data, volumetric data and type data; and

matching the goods to be sorted in the target order according to the attribute data, and generating a correspondence relationship table of the goods to be sorted and the basket unit.

10. The three-dimensional sorting robot according to claim 8 or 9, wherein the acquiring unit is realized by a RFID reader in a following way:

acquiring the identity information through reading a label provided on the target sorting shelf, wherein the label carries the structure data of the sorting shelf and/or the positional information of the basket unit, wherein

the structure data of the sorting shelf refer to a longitudinal and transversal structure of the sorting shelf and positional information of an available basket unit; and

the positional information of the basket unit refers to a position of the basket unit in a coordinate system composed of the sorting shelf.

11. The three-dimensional sorting robot according to any one of claims 8 to 10, wherein the sorting unit is further configured for:

parsing sorting information of the goods to be sorted, wherein the sorting information carries a correspondence relationship with a certain basket unit in the sorting shelf;

looking up the correspondence relationship table, and acquiring a coordinate value of the basket unit in a three-dimensional coordinate system composed of the sorting shelf; and

indexing the coordinate value and positioning, and putting the goods to be sorted into the basket unit.

12. The three-dimensional sorting robot according to any one of claims 8 to 11, wherein a plurality of three-dimensional sorting robots are provided; and during a period of executing the target order by the sorting unit, the binding relationship of the three-dimensional sorting robot and the sorting shelf is sole.

13. A three-dimensional sorting system, wherein the three-dimensional sorting system comprises: a three-dimensional sorting robot, a server and a sorting shelf, wherein the three-dimensional sorting robot executes following steps:

    an acquiring step, comprising acquiring identity information of a target sorting shelf, wherein the identity information comprises: structure data of the sorting shelf and/or positional information of a basket unit in the shelf;

    a binding step, comprising binding the identity information of the target sorting shelf to information of the sorting robot, wherein the binding relationship is associated with a target order through executing by the server; and

    a sorting step, comprising sorting goods to be sorted according to the identity information of the shelf under a sorting task of the target order, wherein the sorting step comprises:

    parsing sorting information of the goods to be sorted, wherein the sorting information carries a correspondence relationship with a certain basket unit in the sorting shelf;

    looking up the correspondence relationship table, and acquiring a coordinate value of the basket unit in a three-dimensional coordinate system composed of the sorting shelf; and

    indexing the coordinate value and positioning, and putting the goods to be sorted into the basket unit.

14. The three-dimensional sorting system according to claim 13, wherein the sorting robot executes the acquiring step in a following way:

    acquiring the identity information through reading a label provided on the target sorting shelf by RFID, wherein the label carries structure data of the sorting shelf and/or positional information of the basket unit, wherein the structure data of the sorting shelf refer to a longitudinal and transversal structure of the sorting shelf and positional information of an available basket unit; and

    the positional information of the basket unit refers to a position of the basket unit in a coordinate system composed of the sorting shelf.

15. The three-dimensional sorting system according to claim 13 or 14, wherein the sorting robot executes the sorting step in a following way:

    parsing sorting information of the goods to be sorted, wherein the sorting information carries a correspondence relationship with a certain basket unit in the sorting shelf;

    looking up the correspondence relationship table, and acquiring a coordinate value of the basket unit in a three-dimensional coordinate system composed of the sorting shelf; and

    indexing the coordinate value and positioning, and putting the goods to be sorted into the basket unit.

16. The three-dimensional sorting system according to any one of claims 13 to 16, wherein the server executes releasing and order updating steps:

    updating a current order condition to be completed when all goods of the target order are put; and

    releasing a binding relationship of a current shelf and the sorting robot.

17. A computing device, wherein the computing device comprises:

    at least one processor; and

    a memory communicatively connected to the at least one processor,

    wherein the memory stores an instruction which can be executed by the at least one processor, so that the at least one processor can execute the method according to any one of claims 1 to 7.